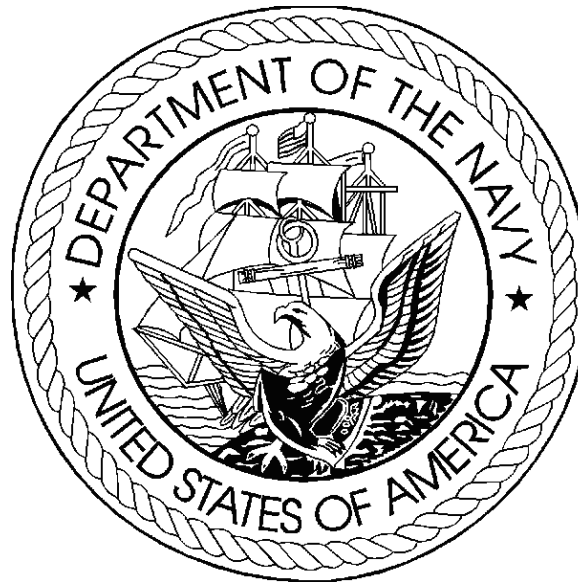


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**Department of Defense
Fiscal Year (FY) 2017 President's Budget Submission**

February 2016



Navy

Justification Book Volume 4 of 4

Aircraft Procurement, Navy

Budget Activity 07

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The estimated cost for this report for the Department of the Navy (DON) is \$2,614.

The estimated total cost for supporting the DON budget justification material is approximately \$1,834,000 for the 2016 fiscal year. This includes \$75,200 in supplies and \$1,758,800 in labor.

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Navy • President's Budget Submission FY 2017 • Procurement

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Department of Defense Appropriations Act, 2017

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, \$14,502,178,000, to remain available for obligation until September 30, 2019.

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Department of the Navy
 FY 2017 President's Budget
 Exhibit P-1 FY 2017 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

14 Jan 2016

| Appropriation ----- | FY 2015 (Base & OCO) ----- | FY 2016 Base Enacted ----- | FY 2016 OCO Enacted ----- | FY 2016 Total Enacted ----- |
|------------------------------|----------------------------------|----------------------------------|---------------------------------|-----------------------------------|
| Aircraft Procurement, Navy | 14,997,923 | 17,719,209 | 210,990 | 17,930,199 |
| Total Department of the Navy | 14,997,923 | 17,719,209 | 210,990 | 17,930,199 |

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Department of the Navy
FY 2017 President's Budget
Exhibit P-1 FY 2017 President's Budget
Total Obligational Authority
(Dollars in Thousands)

14 Jan 2016

| Appropriation ----- | FY 2017 Base ----- | FY 2017 OCO ----- | FY 2017 Total ----- |
|------------------------------|--------------------------|-------------------------|---------------------------|
| Aircraft Procurement, Navy | 14,109,148 | 393,030 | 14,502,178 |
| Total Department of the Navy | 14,109,148 | 393,030 | 14,502,178 |

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Department of the Navy
 FY 2017 President's Budget
 Exhibit P-1 FY 2017 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

14 Jan 2016

Appropriation: Aircraft Procurement, Navy

| Budget Activity ----- | FY 2015 (Base & OCO) ----- | FY 2016 Base Enacted ----- | FY 2016 OCO Enacted ----- | FY 2016 Total Enacted ----- |
|---|----------------------------------|----------------------------------|---------------------------------|-----------------------------------|
| 01. Combat Aircraft | 10,636,707 | 12,205,031 | | 12,205,031 |
| 03. Trainer Aircraft | | 8,914 | | 8,914 |
| 04. Other Aircraft | 314,623 | 1,011,394 | 53,848 | 1,065,242 |
| 05. Modification of Aircraft | 2,328,627 | 2,495,844 | 156,199 | 2,652,043 |
| 06. Aircraft Spares and Repair Parts | 1,242,510 | 1,463,515 | | 1,463,515 |
| 07. Aircraft Support Equip & Facilities | 475,456 | 534,511 | 943 | 535,454 |
| Total Aircraft Procurement, Navy | 14,997,923 | 17,719,209 | 210,990 | 17,930,199 |

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Department of the Navy
FY 2017 President's Budget
Exhibit P-1 FY 2017 President's Budget
Total Obligational Authority
(Dollars in Thousands)

14 Jan 2016

Appropriation: Aircraft Procurement, Navy

| Budget Activity ----- | FY 2017 Base ----- | FY 2017 OCO ----- | FY 2017 Total ----- |
|---|--------------------------|-------------------------|---------------------------|
| 01. Combat Aircraft | 8,946,852 | 184,912 | 9,131,764 |
| 03. Trainer Aircraft | 5,849 | | 5,849 |
| 04. Other Aircraft | 690,810 | 70,000 | 760,810 |
| 05. Modification of Aircraft | 2,565,436 | 136,094 | 2,701,530 |
| 06. Aircraft Spares and Repair Parts | 1,407,626 | 1,500 | 1,409,126 |
| 07. Aircraft Support Equip & Facilities | 492,575 | 524 | 493,099 |
| Total Aircraft Procurement, Navy | 14,109,148 | 393,030 | 14,502,178 |

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Department of the Navy
FY 2017 President's Budget
Exhibit P-1 FY 2017 President's Budget
Total Obligational Authority
(Dollars in Thousands)

14 Jan 2016

Appropriation: 1506N Aircraft Procurement, Navy

| Line No | Item Nomenclature | Ident Code | FY 2015 (Base & OCO) Quantity Cost | FY 2016 Base Enacted Quantity Cost | FY 2016 OCO Enacted Quantity Cost | FY 2016 Total Enacted Quantity Cost | S e c |
|-------------------------------------|--------------------------------|---------------|--|--|---|---|-------------|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | - |
| Budget Activity 01: Combat Aircraft | | | | | | | |
| ----- | | | | | | | |
| Combat Aircraft | | | | | | | |
| 1 | EA-18G | B | 15 1,503,534 | 10 858,000 | | 10 858,000 | U |
| 2 | F/A-18E/F (Fighter) Hornet | A | | 5 350,000 | | 5 350,000 | U |
| 3 | Joint Strike Fighter CV | A | 4 (927,568) | 6 (1,062,542) | | 6 (1,062,542) | U |
| | Less: Advance Procurement (PY) | | (-79,016) | (-29,400) | | (-29,400) | U |
| | | | ----- | ----- | ----- | ----- | |
| | | | 848,552 | 1,033,142 | | 1,033,142 | |
| 4 | Joint Strike Fighter CV | | | | | | |
| | Advance Procurement (CY) | | 29,400 | 48,630 | | 48,630 | U |
| | C (FY 2015 for FY 2016) (M) | | (29,400) | | | | |
| | C (FY 2016 for FY 2017) (M) | | | (48,630) | | (48,630) | |
| | C (FY 2017 for FY 2018) (M) | | | | | | |
| 5 | JSF STOVL | | 6 (1,287,605) | 15 (2,291,599) | | 15 (2,291,599) | U |
| | Less: Advance Procurement (PY) | | (-103,195) | (-143,885) | | (-143,885) | U |
| | | | ----- | ----- | ----- | ----- | |
| | | | 1,184,410 | 2,147,714 | | 2,147,714 | |
| 6 | JSF STOVL | | | | | | |
| | Advance Procurement (CY) | | 143,885 | 203,060 | | 203,060 | U |
| | C (FY 2015 for FY 2016) (M) | | (143,885) | | | | |
| | C (FY 2016 for FY 2017) (M) | | | (203,060) | | (203,060) | |
| | C (FY 2017 for FY 2018) (M) | | | | | | |
| 7 | CH-53K (Heavy Lift) | A | | | | | U |
| | Less: Advance Procurement (PY) | | | | | | U |
| | | | ----- | ----- | ----- | ----- | |
| 8 | CH-53K (Heavy Lift) | | | | | | |
| | Advance Procurement (CY) | | | 41,300 | | 41,300 | U |
| | C (FY 2016 for FY 2017) (M) | | | (41,300) | | (41,300) | |
| | C (FY 2017 for FY 2018) (M) | | | | | | |

P-1C1: FY 2017 President's Budget (Published Version of PB Position), as of January 14, 2016 at 09:45:55

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Department of the Navy
FY 2017 President's Budget
Exhibit P-1 FY 2017 President's Budget
Total Obligational Authority
(Dollars in Thousands)

14 Jan 2016

Appropriation: 1506N Aircraft Procurement, Navy

| Line No | Item Nomenclature | Ident Code | FY 2017 Base Quantity | Cost | FY 2017 OCO Quantity | Cost | FY 2017 Total Quantity | Cost | S e c |
|-------------------------------------|--------------------------------|---------------|-----------------------------|-------------|----------------------------|---------|------------------------------|-------------|-------------|
| ----- | ----- | ----- | ----- | ---- | ----- | ---- | ----- | ---- | - |
| Budget Activity 01: Combat Aircraft | | | | | | | | | |
| ----- | | | | | | | | | |
| Combat Aircraft | | | | | | | | | |
| 1 | EA-18G | B | | | | | | | U |
| 2 | F/A-18E/F (Fighter) Hornet | A | | | 2 | 184,912 | 2 | 184,912 | U |
| 3 | Joint Strike Fighter CV | A | 4 | (939,280) | | | 4 | (939,280) | U |
| | Less: Advance Procurement (PY) | | | (-48,630) | | | | (-48,630) | U |
| | | | | ----- | | ----- | | ----- | |
| | | | | 890,650 | | | | 890,650 | |
| 4 | Joint Strike Fighter CV | | | | | | | | |
| | Advance Procurement (CY) | | | 80,908 | | | | 80,908 | U |
| | C (FY 2015 for FY 2016) (M) | | | | | | | | |
| | C (FY 2016 for FY 2017) (M) | | | | | | | | |
| | C (FY 2017 for FY 2018) (M) | | | (80,908) | | | | (80,908) | |
| 5 | JSF STOVL | | 16 | (2,240,828) | | | 16 | (2,240,828) | U |
| | Less: Advance Procurement (PY) | | | (-203,060) | | | | (-203,060) | U |
| | | | | ----- | | ----- | | ----- | |
| | | | | 2,037,768 | | | | 2,037,768 | |
| 6 | JSF STOVL | | | | | | | | |
| | Advance Procurement (CY) | | | 233,648 | | | | 233,648 | U |
| | C (FY 2015 for FY 2016) (M) | | | | | | | | |
| | C (FY 2016 for FY 2017) (M) | | | | | | | | |
| | C (FY 2017 for FY 2018) (M) | | | (233,648) | | | | (233,648) | |
| 7 | CH-53K (Heavy Lift) | A | 2 | (389,915) | | | 2 | (389,915) | U |
| | Less: Advance Procurement (PY) | | | (-41,300) | | | | (-41,300) | U |
| | | | | ----- | | ----- | | ----- | |
| | | | | 348,615 | | | | 348,615 | |
| 8 | CH-53K (Heavy Lift) | | | | | | | | |
| | Advance Procurement (CY) | | | 88,365 | | | | 88,365 | U |
| | C (FY 2016 for FY 2017) (M) | | | | | | | | |
| | C (FY 2017 for FY 2018) (M) | | | (88,365) | | | | (88,365) | |

P-1C1: FY 2017 President's Budget (Published Version of PB Position), as of January 14, 2016 at 09:45:55

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Department of the Navy
FY 2017 President's Budget
Exhibit P-1 FY 2017 President's Budget
Total Obligational Authority
(Dollars in Thousands)

14 Jan 2016

Appropriation: 1506N Aircraft Procurement, Navy

| Line No | Item Nomenclature | Ident Code | FY 2015 (Base & OCO) Quantity Cost | FY 2016 Base Enacted Quantity Cost | FY 2016 OCO Enacted Quantity Cost | FY 2016 Total Enacted Quantity Cost | S e c |
|---------|--------------------------------|------------|--|--|---|---|-------------|
| 9 | V-22 (Medium Lift) | | 19 (1,554,588) | 19 (1,463,609) | | 19 (1,463,609) | U |
| | Less: Advance Procurement (PY) | | (-59,269) | (-67,254) | | (-67,254) | U |
| | | | 1,495,319 | 1,396,355 | | 1,396,355 | |
| 10 | V-22 (Medium Lift) | | | | | | |
| | Advance Procurement (CY) | | 51,564 | 43,853 | | 43,853 | U |
| | C (FY 2015 for FY 2016) (M) | | (51,564) | | | | |
| | C (FY 2016 for FY 2017) (M) | | | (43,853) | | (43,853) | |
| | C (FY 2017 for FY 2018) (M) | | | | | | |
| 11 | H-1 Upgrades (UH-1Y/AH-1Z) | A | 28 (895,141) | 29 (847,308) | | 29 (847,308) | U |
| | Less: Advance Procurement (PY) | | (-60,000) | (-63,354) | | (-63,354) | U |
| | | | 835,141 | 783,954 | | 783,954 | |
| 12 | H-1 Upgrades (UH-1Y/AH-1Z) | | | | | | |
| | Advance Procurement (CY) | | 63,354 | 56,168 | | 56,168 | U |
| | C (FY 2015 for FY 2016) (M) | | (63,354) | | | | |
| | C (FY 2016 for FY 2017) (M) | | | (56,168) | | (56,168) | |
| | C (FY 2017 for FY 2018) (M) | | | | | | |
| 13 | MH-60S (MYP) | A | 8 (215,289) | (28,232) | | (28,232) | U |
| | Less: Advance Procurement (PY) | | (-33,149) | | | | U |
| | | | 182,140 | 28,232 | | 28,232 | |
| 14 | MH-60R (MYP) | A | 29 (1,063,292) | 29 (1,168,892) | | 29 (1,168,892) | U |
| | Less: Advance Procurement (PY) | | (-197,830) | (-226,592) | | (-226,592) | U |
| | | | 865,462 | 942,300 | | 942,300 | |
| 15 | MH-60R (MYP) | | | | | | |
| | Advance Procurement (CY) | | 117,846 | | | | U |
| | C (FY 2015 for FY 2016) (M) | | (117,846) | | | | |

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Department of the Navy
FY 2017 President's Budget
Exhibit P-1 FY 2017 President's Budget
Total Obligational Authority
(Dollars in Thousands)

14 Jan 2016

Appropriation: 1506N Aircraft Procurement, Navy

| Line No | Item Nomenclature | Ident Code | FY 2017 Base Quantity | Cost | FY 2017 OCO Quantity | Cost | FY 2017 Total Quantity | Cost | S e c |
|------------|--------------------------------|---------------|-----------------------------|-------------|----------------------------|-------|------------------------------|-------------|-------------|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 9 | V-22 (Medium Lift) | | 16 | (1,322,857) | | | 16 | (1,322,857) | U |
| | Less: Advance Procurement (PY) | | | (-58,723) | | | | (-58,723) | U |
| | | | | ----- | | ----- | | ----- | |
| | | | | 1,264,134 | | | | 1,264,134 | |
| 10 | V-22 (Medium Lift) | | | | | | | | |
| | Advance Procurement (CY) | | | 19,674 | | | | 19,674 | U |
| | C (FY 2015 for FY 2016) (M) | | | | | | | | |
| | C (FY 2016 for FY 2017) (M) | | | | | | | | |
| | C (FY 2017 for FY 2018) (M) | | | (19,674) | | | | (19,674) | |
| 11 | H-1 Upgrades (UH-1Y/AH-1Z) | A | 24 | (815,946) | | | 24 | (815,946) | U |
| | Less: Advance Procurement (PY) | | | (-56,168) | | | | (-56,168) | U |
| | | | | ----- | | ----- | | ----- | |
| | | | | 759,778 | | | | 759,778 | |
| 12 | H-1 Upgrades (UH-1Y/AH-1Z) | | | | | | | | |
| | Advance Procurement (CY) | | | 57,232 | | | | 57,232 | U |
| | C (FY 2015 for FY 2016) (M) | | | | | | | | |
| | C (FY 2016 for FY 2017) (M) | | | | | | | | |
| | C (FY 2017 for FY 2018) (M) | | | (57,232) | | | | (57,232) | |
| 13 | MH-60S (MYP) | A | | | | | | | U |
| | Less: Advance Procurement (PY) | | | | | | | | U |
| | | | | ----- | | ----- | | ----- | |
| 14 | MH-60R (MYP) | A | | (61,177) | | | | (61,177) | U |
| | Less: Advance Procurement (PY) | | | | | | | | U |
| | | | | ----- | | ----- | | ----- | |
| | | | | 61,177 | | | | 61,177 | |
| 15 | MH-60R (MYP) | | | | | | | | |
| | Advance Procurement (CY) | | | | | | | | U |
| | C (FY 2015 for FY 2016) (M) | | | | | | | | |

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Department of the Navy
 FY 2017 President's Budget
 Exhibit P-1 FY 2017 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

14 Jan 2016

Appropriation: 1506N Aircraft Procurement, Navy

| Line No | Item Nomenclature | Ident Code | FY 2015 (Base & OCO) Quantity Cost | FY 2016 Base Enacted Quantity Cost | FY 2016 OCO Enacted Quantity Cost | FY 2016 Total Enacted Quantity Cost | S e c |
|--------------------------------------|--------------------------------|------------|--|--|---|---|-------|
| 16 | P-8A Poseidon | A | 9 (2,274,731) | 17 (3,181,152) | | 17 (3,181,152) | U |
| | Less: Advance Procurement (PY) | | (-152,044) | (-203,387) | | (-203,387) | U |
| | | | 2,122,687 | 2,977,765 | | 2,977,765 | |
| 17 | P-8A Poseidon | | | | | | |
| | Advance Procurement (CY) | | 48,457 | 250,568 | | 250,568 | U |
| | C (FY 2015 for FY 2016) (M) | | (42,271) | | | | |
| | C (FY 2015 for FY 2017) (M) | | (2,234) | | | | |
| | C (FY 2015 for FY 2018) (M) | | (2,234) | | | | |
| | C (FY 2015 for FY 2019) (M) | | (1,718) | | | | |
| | C (FY 2016 for FY 2017) (M) | | | (240,773) | | (240,773) | |
| | C (FY 2016 for FY 2018) (M) | | | (5,499) | | (5,499) | |
| | C (FY 2016 for FY 2019) (M) | | | (4,296) | | (4,296) | |
| | C (FY 2017 for FY 2018) (M) | | | | | | |
| 18 | E-2D Adv Hawkeye | A | 5 (1,044,691) | 5 (1,023,831) | | 5 (1,023,831) | U |
| | Less: Advance Procurement (PY) | | (-125,500) | (-175,177) | | (-175,177) | U |
| | | | 919,191 | 848,654 | | 848,654 | |
| 19 | E-2D Adv Hawkeye | | | | | | |
| | Advance Procurement (CY) | | 225,765 | 195,336 | | 195,336 | U |
| | C (FY 2015 for FY 2016) (M) | | (124,170) | | | | |
| | C (FY 2015 for FY 2017) (M) | | (50,797) | | | | |
| | C (FY 2015 for FY 2018) (M) | | (50,798) | | | | |
| | C (FY 2016 for FY 2017) (M) | | | (143,181) | | (143,181) | |
| | C (FY 2016 for FY 2018) (M) | | | (52,155) | | (52,155) | |
| | C (FY 2017 for FY 2018) (M) | | | | | | |
| | Total Combat Aircraft | | 10,636,707 | 12,205,031 | | 12,205,031 | |
| Budget Activity 03: Trainer Aircraft | | | | | | | |
| ----- | | | | | | | |
| Trainer Aircraft | | | | | | | |
| 20 | JPATS | A | | 8,914 | | 8,914 | U |
| | Total Trainer Aircraft | | | 8,914 | | 8,914 | |

P-1C1: FY 2017 President's Budget (Published Version of PB Position), as of January 14, 2016 at 09:45:55

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Department of the Navy
FY 2017 President's Budget
Exhibit P-1 FY 2017 President's Budget
Total Obligational Authority
(Dollars in Thousands)

14 Jan 2016

Appropriation: 1506N Aircraft Procurement, Navy

| Line No | Item Nomenclature | Ident Code | FY 2017 Base Quantity | Cost | FY 2017 OCO Quantity | Cost | FY 2017 Total Quantity | Cost | S e c |
|--------------------------------------|--------------------------------|------------|-----------------------|-------------|----------------------|---------|------------------------|-------------|-------|
| 16 | P-8A Poseidon | A | 11 | (2,183,245) | | | 11 | (2,183,245) | U |
| | Less: Advance Procurement (PY) | | | (-243,007) | | | | (-243,007) | U |
| | | | | 1,940,238 | | | | 1,940,238 | |
| 17 | P-8A Poseidon | | | | | | | | |
| | Advance Procurement (CY) | | | 123,140 | | | | 123,140 | U |
| | C (FY 2015 for FY 2016) (M) | | | | | | | | |
| | C (FY 2015 for FY 2017) (M) | | | | | | | | |
| | C (FY 2015 for FY 2018) (M) | | | | | | | | |
| | C (FY 2015 for FY 2019) (M) | | | | | | | | |
| | C (FY 2016 for FY 2017) (M) | | | | | | | | |
| | C (FY 2016 for FY 2018) (M) | | | | | | | | |
| | C (FY 2016 for FY 2019) (M) | | | | | | | | |
| | C (FY 2017 for FY 2018) (M) | | | (123,140) | | | | (123,140) | |
| 18 | E-2D Adv Hawkeye | A | 6 | (1,154,569) | | | 6 | (1,154,569) | U |
| | Less: Advance Procurement (PY) | | | (-238,086) | | | | (-238,086) | U |
| | | | | 916,483 | | | | 916,483 | |
| 19 | E-2D Adv Hawkeye | | | | | | | | |
| | Advance Procurement (CY) | | | 125,042 | | | | 125,042 | U |
| | C (FY 2015 for FY 2016) (M) | | | | | | | | |
| | C (FY 2015 for FY 2017) (M) | | | | | | | | |
| | C (FY 2015 for FY 2018) (M) | | | | | | | | |
| | C (FY 2016 for FY 2017) (M) | | | | | | | | |
| | C (FY 2016 for FY 2018) (M) | | | | | | | | |
| | C (FY 2017 for FY 2018) (M) | | | (125,042) | | | | (125,042) | |
| Total Combat Aircraft | | | | 8,946,852 | | 184,912 | | 9,131,764 | |
| Budget Activity 03: Trainer Aircraft | | | | | | | | | |
| ----- | | | | | | | | | |
| Trainer Aircraft | | | | | | | | | |
| 20 | JPATS | A | | 5,849 | | | | 5,849 | U |
| Total Trainer Aircraft | | | | 5,849 | | | | 5,849 | |

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Department of the Navy
 FY 2017 President's Budget
 Exhibit P-1 FY 2017 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

14 Jan 2016

Appropriation: 1506N Aircraft Procurement, Navy

| Line No | Item Nomenclature | Ident Code | FY 2015 (Base & OCO) Quantity Cost | FY 2016 Base Enacted Quantity Cost | FY 2016 OCO Enacted Quantity Cost | FY 2016 Total Enacted Quantity Cost | S e c |
|--|--------------------------------|------------|--|--|---|---|-------------|
| Budget Activity 04: Other Aircraft | | | | | | | |
| Other Aircraft | | | | | | | |
| 21 | KC-130J | A | 1 (106,928) | 2 (201,339) | | 2 (201,339) | U |
| | Less: Advance Procurement (PY) | | (-14,638) | (-16,288) | | (-16,288) | U |
| | | | 92,290 | 185,051 | | 185,051 | |
| 22 | KC-130J | | | | | | |
| | Advance Procurement (CY) | | | 24,451 | | 24,451 | U |
| | C (FY 2016 for FY 2017) (M) | | | (24,451) | | (24,451) | |
| | C (FY 2017 for FY 2018) (M) | | | | | | |
| 23 | MQ-4 Triton | A | | 4 (632,755) | | 4 (632,755) | U |
| | Less: Advance Procurement (PY) | | | (-67,670) | | (-67,670) | U |
| | | | | 565,085 | | 565,085 | |
| 24 | MQ-4 Triton | | | | | | |
| | Advance Procurement (CY) | | 67,670 | 54,577 | | 54,577 | U |
| | C (FY 2015 for FY 2016) (M) | | (67,670) | | | | |
| | C (FY 2016 for FY 2017) (M) | | | (54,577) | | (54,577) | |
| | C (FY 2017 for FY 2018) (M) | | | | | | |
| 25 | MQ-8 UAV | B | 5 109,663 | 5 163,680 | | 5 163,680 | U |
| 26 | STUASLO UAV | | 3 45,000 | 3,450 | 3 53,848 | 3 57,298 | U |
| 27 | Other Support Aircraft | | | 1 15,100 | | 1 15,100 | U |
| Total Other Aircraft | | | 314,623 | 1,011,394 | 53,848 | 1,065,242 | |
| Budget Activity 05: Modification of Aircraft | | | | | | | |
| Modification of Aircraft | | | | | | | |
| 28 | EA-6 Series | A | 10,881 | 7,799 | | 7,799 | U |
| 29 | AEA Systems | | 44,768 | 36,233 | | 36,233 | U |

P-1C1: FY 2017 President's Budget (Published Version of PB Position), as of January 14, 2016 at 09:45:55

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Department of the Navy
FY 2017 President's Budget
Exhibit P-1 FY 2017 President's Budget
Total Obligational Authority
(Dollars in Thousands)

14 Jan 2016

Appropriation: 1506N Aircraft Procurement, Navy

| Line No | Item Nomenclature | Ident Code | FY 2017 Base Quantity | Cost | FY 2017 OCO Quantity | Cost | FY 2017 Total Quantity | Cost | S e c |
|------------------------------------|--------------------------------|---------------|-----------------------------|-----------|----------------------------|--------|------------------------------|-----------|-------------|
| ---- | ----- | ----- | ----- | ---- | ----- | ---- | ----- | ---- | - |
| Budget Activity 04: Other Aircraft | | | | | | | | | |
| ----- | | | | | | | | | |
| Other Aircraft | | | | | | | | | |
| 21 | KC-130J | A | 2 | (161,321) | | | 2 | (161,321) | U |
| | Less: Advance Procurement (PY) | | | (-32,451) | | | | (-32,451) | U |
| | | | | ----- | | ----- | | ----- | |
| | | | | 128,870 | | | | 128,870 | |
| 22 | KC-130J | | | | | | | | |
| | Advance Procurement (CY) | | | 24,848 | | | | 24,848 | U |
| | C (FY 2016 for FY 2017) (M) | | | | | | | | |
| | C (FY 2017 for FY 2018) (M) | | | (24,848) | | | | (24,848) | |
| 23 | MQ-4 Triton | A | 2 | (463,582) | | | 2 | (463,582) | U |
| | Less: Advance Procurement (PY) | | | (-54,577) | | | | (-54,577) | U |
| | | | | ----- | | ----- | | ----- | |
| | | | | 409,005 | | | | 409,005 | |
| 24 | MQ-4 Triton | | | | | | | | |
| | Advance Procurement (CY) | | | 55,652 | | | | 55,652 | U |
| | C (FY 2015 for FY 2016) (M) | | | | | | | | |
| | C (FY 2016 for FY 2017) (M) | | | | | | | | |
| | C (FY 2017 for FY 2018) (M) | | | (55,652) | | | | (55,652) | |
| 25 | MQ-8 UAV | B | 1 | 72,435 | | | 1 | 72,435 | U |
| 26 | STUASL0 UAV | | | | 4 | 70,000 | 4 | 70,000 | U |
| 27 | Other Support Aircraft | | | | | | | | U |
| | | | | ----- | | ----- | | ----- | |
| Total | Other Aircraft | | | 690,810 | | 70,000 | | 760,810 | |

Budget Activity 05: Modification of Aircraft

Modification of Aircraft

| | | | | | | | | | |
|----|-------------|---|--|--------|--|--|--|--------|---|
| 28 | EA-6 Series | A | | | | | | | U |
| 29 | AEA Systems | | | 51,900 | | | | 51,900 | U |

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Department of the Navy
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Total Obligational Authority
(Dollars in Thousands)

14 Jan 2016

Appropriation: 1506N Aircraft Procurement, Navy

| Line No | Item Nomenclature | Ident Code | FY 2015 (Base & OCO) Quantity Cost | FY 2016 Base Enacted Quantity Cost | FY 2016 OCO Enacted Quantity Cost | FY 2016 Total Enacted Quantity Cost | S e c |
|------------|------------------------------|---------------|--|--|---|---|-------------|
| ---- | ----- | ----- | ----- | ----- | ----- | ----- | - |
| 30 | AV-8 Series | A | 54,066 | 39,619 | 38,509 | 78,128 | U |
| 31 | Adversary | A | 4,918 | 5,441 | | 5,441 | U |
| 32 | F-18 Series | A | 704,324 | 913,221 | 7,130 | 920,351 | U |
| 33 | H-46 Series | A | 402 | | | | U |
| 34 | H-53 Series | A | 36,152 | 36,000 | | 36,000 | U |
| 35 | SH-60 Series | A | 100,802 | 94,899 | | 94,899 | U |
| 36 | H-1 Series | A | 42,071 | 36,668 | | 36,668 | U |
| 37 | EP-3 Series | A | 67,845 | 41,784 | 6,300 | 48,084 | U |
| 38 | P-3 Series | A | 2,658 | 3,067 | | 3,067 | U |
| 39 | E-2 Series | A | 21,059 | 19,113 | | 19,113 | U |
| 40 | Trainer A/C Series | A | 10,208 | 27,980 | | 27,980 | U |
| 41 | C-2A | A | | 7,157 | | 7,157 | U |
| 42 | C-130 Series | A | 39,339 | 65,935 | | 65,935 | U |
| 43 | FEWSG | A | 640 | 633 | | 633 | U |
| 44 | Cargo/Transport A/C Series | A | 4,035 | 8,916 | | 8,916 | U |
| 45 | E-6 Series | A | 206,127 | 178,987 | | 178,987 | U |
| 46 | Executive Helicopters Series | A | 68,128 | 66,624 | | 66,624 | U |
| 47 | Special Project Aircraft | A | 23,865 | 21,988 | 14,198 | 36,186 | U |
| 48 | T-45 Series | A | 90,024 | 81,734 | | 81,734 | U |
| 49 | Power Plant Changes | A | 22,463 | 9,917 | | 9,917 | U |
| 50 | JPATS Series | A | 1,085 | 12,537 | | 12,537 | U |

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Department of the Navy
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(Dollars in Thousands)

14 Jan 2016

Appropriation: 1506N Aircraft Procurement, Navy

| Line No | Item Nomenclature | Ident Code | FY 2017 Base Quantity | Cost | FY 2017 OCO Quantity | Cost | FY 2017 Total Quantity | Cost | S e c |
|------------|------------------------------|---------------|-----------------------------|-----------|----------------------------|--------|------------------------------|------|-------------|
| ---- | ----- | ----- | ----- | ---- | ----- | ---- | ----- | ---- | - |
| 30 | AV-8 Series | A | | 60,818 | | | 60,818 | | U |
| 31 | Adversary | A | | 5,191 | | | 5,191 | | U |
| 32 | F-18 Series | A | | 1,023,492 | | | 1,023,492 | | U |
| 33 | H-46 Series | A | | | | | | | U |
| 34 | H-53 Series | A | | 46,095 | | | 46,095 | | U |
| 35 | SH-60 Series | A | | 108,328 | | 3,000 | 111,328 | | U |
| 36 | H-1 Series | A | | 46,333 | | 3,740 | 50,073 | | U |
| 37 | EP-3 Series | A | | 14,681 | | 7,505 | 22,186 | | U |
| 38 | P-3 Series | A | | 2,781 | | | 2,781 | | U |
| 39 | E-2 Series | A | | 32,949 | | | 32,949 | | U |
| 40 | Trainer A/C Series | A | | 13,199 | | | 13,199 | | U |
| 41 | C-2A | A | | 19,066 | | | 19,066 | | U |
| 42 | C-130 Series | A | | 61,788 | | | 61,788 | | U |
| 43 | FEWSG | A | | 618 | | | 618 | | U |
| 44 | Cargo/Transport A/C Series | A | | 9,822 | | | 9,822 | | U |
| 45 | E-6 Series | A | | 222,077 | | | 222,077 | | U |
| 46 | Executive Helicopters Series | A | | 66,835 | | | 66,835 | | U |
| 47 | Special Project Aircraft | A | | 16,497 | | 14,869 | 31,366 | | U |
| 48 | T-45 Series | A | | 114,887 | | | 114,887 | | U |
| 49 | Power Plant Changes | A | | 16,893 | | | 16,893 | | U |
| 50 | JPATS Series | A | | 17,401 | | | 17,401 | | U |

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Appropriation: 1506N Aircraft Procurement, Navy

| Line No | Item Nomenclature | Ident Code | FY 2015 (Base & OCO) Quantity Cost | FY 2016 Base Enacted Quantity Cost | FY 2016 OCO Enacted Quantity Cost | FY 2016 Total Enacted Quantity Cost | S e c |
|---|--|---------------|--|--|---|---|-------------|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | - |
| 51 | Common ECM Equipment | A | 184,664 | 123,732 | 71,174 | 194,906 | U |
| 52 | Common Avionics Changes | A | 146,084 | 155,602 | 13,988 | 169,590 | U |
| 53 | Common Defensive Weapon System | A | 1,958 | 3,062 | | 3,062 | U |
| 54 | ID Systems | A | 38,880 | 41,063 | | 41,063 | U |
| 55 | P-8 Series | | 29,797 | 28,092 | | 28,092 | U |
| 56 | MAGTF EW for Aviation | A | 17,170 | 7,680 | | 7,680 | U |
| 57 | MQ-8 Series | | 8,741 | 16,304 | | 16,304 | U |
| 58 | RQ-7 Series | | | 3,773 | | 3,773 | U |
| 59 | V-22 (Tilt/Rotor ACFT) Osprey | B | 109,152 | 140,408 | 4,900 | 145,308 | U |
| 60 | F-35 STOVL Series | A | 215,819 | 204,464 | | 204,464 | U |
| 61 | F-35 CV Series | A | 20,502 | 48,527 | | 48,527 | U |
| 62 | QRC | A | | 6,885 | | 6,885 | U |
| | | | ----- | ----- | ----- | ----- | |
| | Total Modification of Aircraft | | 2,328,627 | 2,495,844 | 156,199 | 2,652,043 | |
| Budget Activity 06: Aircraft Spares and Repair Parts | | | | | | | |
| ----- | | | | | | | |
| Aircraft Spares and Repair Parts | | | | | | | |
| 63 | Spares and Repair Parts | A | 1,242,510 | 1,463,515 | | 1,463,515 | U |
| | | | ----- | ----- | ----- | ----- | |
| | Total Aircraft Spares and Repair Parts | | 1,242,510 | 1,463,515 | | 1,463,515 | |
| Budget Activity 07: Aircraft Support Equip & Facilities | | | | | | | |
| ----- | | | | | | | |
| Aircraft Support Equip & Facilities | | | | | | | |
| 64 | Common Ground Equipment | A | 367,359 | 417,359 | | 417,359 | U |

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| Line No | Item Nomenclature | Ident Code | FY 2017 Base Quantity | Cost | FY 2017 OCO Quantity | Cost | FY 2017 Total Quantity | Cost | S e c |
|---|--|---------------|-----------------------------|-----------|----------------------------|---------|------------------------------|-----------|-------------|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 51 | Common ECM Equipment | A | | 143,773 | | 98,240 | | 242,013 | U |
| 52 | Common Avionics Changes | A | | 164,839 | | | | 164,839 | U |
| 53 | Common Defensive Weapon System | A | | 4,403 | | | | 4,403 | U |
| 54 | ID Systems | A | | 45,768 | | | | 45,768 | U |
| 55 | P-8 Series | | | 18,836 | | | | 18,836 | U |
| 56 | MAGTF EW for Aviation | A | | 5,676 | | | | 5,676 | U |
| 57 | MQ-8 Series | | | 19,003 | | | | 19,003 | U |
| 58 | RQ-7 Series | | | 3,534 | | | | 3,534 | U |
| 59 | V-22 (Tilt/Rotor ACFT) Osprey | B | | 141,545 | | 8,740 | | 150,285 | U |
| 60 | F-35 STOVL Series | A | | 34,928 | | | | 34,928 | U |
| 61 | F-35 CV Series | A | | 26,004 | | | | 26,004 | U |
| 62 | QRC | A | | 5,476 | | | | 5,476 | U |
| | | | | ----- | | ----- | | ----- | |
| | Total Modification of Aircraft | | | 2,565,436 | | 136,094 | | 2,701,530 | |
| Budget Activity 06: Aircraft Spares and Repair Parts | | | | | | | | | |
| ----- | | | | | | | | | |
| Aircraft Spares and Repair Parts | | | | | | | | | |
| 63 | Spares and Repair Parts | A | | 1,407,626 | | 1,500 | | 1,409,126 | U |
| | | | | ----- | | ----- | | ----- | |
| | Total Aircraft Spares and Repair Parts | | | 1,407,626 | | 1,500 | | 1,409,126 | |
| Budget Activity 07: Aircraft Support Equip & Facilities | | | | | | | | | |
| ----- | | | | | | | | | |
| Aircraft Support Equip & Facilities | | | | | | | | | |
| 64 | Common Ground Equipment | A | | 390,103 | | | | 390,103 | U |

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Department of the Navy
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 (Dollars in Thousands)

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Appropriation: 1506N Aircraft Procurement, Navy

| Line No | Item Nomenclature | Ident Code | FY 2015 (Base & OCO) Quantity Cost | FY 2016 Base Enacted Quantity Cost | FY 2016 OCO Enacted Quantity Cost | FY 2016 Total Enacted Quantity Cost | S e c |
|------------|---|---------------|--|--|---|---|-------------|
| ---- | ----- | ----- | ----- | ----- | ----- | ----- | - |
| 65 | Aircraft Industrial Facilities | A | 24,779 | 24,010 | 943 | 24,953 | U |
| 66 | War Consumables | A | 15,939 | 38,027 | | 38,027 | U |
| 67 | Other Production Charges | A | 5,630 | 2,455 | | 2,455 | U |
| 68 | Special Support Equipment | A | 60,339 | 50,859 | | 50,859 | U |
| 69 | First Destination Transportation | A | 1,168 | 1,801 | | 1,801 | U |
| 70 | Cancelled Account Adjustments | A | 242 | | | | U |
| | | | ----- | ----- | ----- | ----- | |
| | Total Aircraft Support Equip & Facilities | | 475,456 | 534,511 | 943 | 535,454 | |
| | | | ----- | ----- | ----- | ----- | |
| | Total Aircraft Procurement, Navy | | 14,997,923 | 17,719,209 | 210,990 | 17,930,199 | |

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| Line No | Item Nomenclature | Ident Code | FY 2017 Base Quantity | Cost | FY 2017 OCO Quantity | Cost | FY 2017 Total Quantity | Cost | S e c |
|------------|---|---------------|-----------------------------|------------|----------------------------|---------|------------------------------|------------|-------------|
| ---- | ----- | ----- | ----- | ---- | ----- | ---- | ----- | ---- | - |
| 65 | Aircraft Industrial Facilities | A | | 23,194 | | 524 | | 23,718 | U |
| 66 | War Consumables | A | | 40,613 | | | | 40,613 | U |
| 67 | Other Production Charges | A | | 860 | | | | 860 | U |
| 68 | Special Support Equipment | A | | 36,282 | | | | 36,282 | U |
| 69 | First Destination Transportation | A | | 1,523 | | | | 1,523 | U |
| 70 | Cancelled Account Adjustments | A | | | | | | | U |
| | | | | ----- | | ----- | | ----- | |
| | Total Aircraft Support Equip & Facilities | | | 492,575 | | 524 | | 493,099 | |
| | | | | ----- | | ----- | | ----- | |
| | Total Aircraft Procurement, Navy | | | 14,109,148 | | 393,030 | | 14,502,178 | |

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| 33 | 05 | 01 | 0526 | H-46 Series..... | Volume 2 - 227 |
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| 58 | 05 | 01 | 0589 | RQ-7 Series..... | Volume 2 - 861 |
| 59 | 05 | 01 | 0590 | V-22 (Tilt/Rotor Acft) Osprey..... | Volume 2 - 867 |
| 60 | 05 | 01 | 0592 | F-35 STOVL Series..... | Volume 2 - 907 |
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| Exhibit P-40, Budget Line Item Justification: PB 2017 Navy | | | | | | | | | | Date: February 2016 | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | |
| ID Code (A=Service Ready, B=Not Service Ready): B | | | Program Elements for Code B Items: N/A | | | | | Other Related Program Elements: N/A | | | | |
| Line Item MDAP/MAIS Code: N/A | | | Item MDAP/MAIS Code(s): N/A | | | | | | | | | |
| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 | To Complete | Total |
| Procurement Quantity (<i>Units in Each</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 1,867.385 | 367.359 | 417.359 | 390.103 | - | 390.103 | 422.653 | 419.321 | 416.778 | 411.265 | Continuing | Continuing |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 1,867.385 | 367.359 | 417.359 | 390.103 | - | 390.103 | 422.653 | 419.321 | 416.778 | 411.265 | Continuing | Continuing |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 1,867.385 | 367.359 | 417.359 | 390.103 | - | 390.103 | 422.653 | 419.321 | 416.778 | 411.265 | Continuing | Continuing |
| <i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i> | | | | | | | | | | | | |
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (<i>\$ in Dollars</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

The Common Ground Equipment line funds procurement of Automatic Test Equipment (ATE), various aircraft systems trainers and training aids, the Consolidated Automated Support System Family of Testers (CASS FOT), support equipment for the Rapid Deployment Force, mobile maintenance facilities for Marine expeditionary forces, and other aircraft ground support equipment that is either peculiar to out-of-production aircraft or common in applicability to more than one aircraft. The requiring managers responsible for these procurements and the funds presently assigned to them are as follows: Ground Support Equipment, Mobile Maint Facilities, General Skills Training, Topscene, and Other Flight Training.

[P40A / AUTOMATIC TEST EQUIPMENT]: GENERAL PROGRAM DESCRIPTION: This sub-line provides for the transition of current Automatic Test Equipment (ATE) Test Program Sets (TPSs) to AN/USM-636(V) and AN/USM-702 Consolidated Automated Support System (CASS) and AN/USM-730 electronic Consolidated Automated Support System (eCASS) and the acquisition, modification and associated test routines of common ATE to meet fleet operational requirements identified in the fleet concurred Common Support Equipment Operational Requirements List.

TEST PROGRAM SETS (TPSs) TRANSITION TO CASS, RECONFIGURABLE TRANSPORTABLE CASS (RTCASS) AND eCASS: TPSs are support equipment that consist of hardware, software, and documentation required to automatically fault isolate defective weapon system components. These TPSs are also capable of detecting defective sub-components of the weapon system component and capable of Ready for Issuing (RFI) the weapon system component. Existing ATE that can no longer be economically supported will be offloaded to CASS and migrated to RTCASS and eCASS based on fleet priorities. This budget requests funds for the procurement of TPSs to offload support from existing obsolete ATE to CASS, RTCASS, and eCASS, as well as support of GFE requirements including Units Under Test (UUT) and CASS Family of Tester (FOT) stations at CASS FOT TPS Test Integration Facilities.

COMMON ATE ACQUISITION, MODIFICATION AND TEST ROUTINES: System acquisition and modification is necessary to replace obsolete and unsupportable equipment, support current technology, incorporate necessary reliability and maintainability improvements, and correct Fleet reported problems as a result of Engineering Investigations/Quality Deficiency Reports for out-of-production common ATE. Without these modifications replacement parts will not be available and common ATE will not remain operational.

FY17 provides funding to procure multiple weapon system Operational Test Program Sets (OTPS) and the migration of these OTPS to eCASS. In addition, procures common ATE and their associated test routines supporting multiple weapons systems.

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| Exhibit P-40, Budget Line Item Justification: PB 2017 Navy | | | Date: February 2016 |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | |
| ID Code (A=Service Ready, B=Not Service Ready): B | | Program Elements for Code B Items: N/A | Other Related Program Elements: N/A |
| Line Item MDAP/MAIS Code: N/A | Item MDAP/MAIS Code(s): N/A | | |
| <p>[P40A - 2 / A/C COMMON SUPPORT EQUIPMENT]: General Program Description: This budget sub-line provides for the acquisition of Support Equipment (SE) end items under the inventory and technical management of NAVAIR. These SE end items are required for ground testing handling, and maintenance of aircraft and their systems. Examples of SE items acquired under this budget line item include aircraft propulsion test systems, mobile air conditioners and generators and aircraft handling equipment.</p> <p>Also included are common avionics support equipment (ASE) items which are too complex technically to be transitioned to the inventory control point for acquisition. The ASE included is managed by NAVAIR and supported through the Navy Inventory Control Point.</p> <p>FY17 provides funding to procure: Common Rack Arial Launch Test Set (CRALTS) Replacement (CAATS), Vibration Analyzer, Next Generation Software Loader, Hydraulic Test Stand I-Level, Air Conditioner Ship Shore, Large Capacity Mobile Electric Power Point (MEPP), Small Capacity MEPP (Shipboard), Joint Service Electronic Combat Systems Tester (JSECST) upgrade, First Destination Transportation Cost for hardware procurements and associated support cost.</p> <p>[P40A - 3 / ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT]: General Program Description: This budget sub-line funds the procurement of end items of Peculiar Support Equipment (PSE) for out-of-production weapon systems, and Common Support Equipment (CSE) under the budget, procurement, and inventory control of the Naval Inventory Control Point (NAVICP). PSE and CSE end items are normally introduced into the fleet through NAVAIR development and initial procurement. When design is stabilized and procurement packages are available, these items then migrate to NAVICP management, and are funded under this sub-line. NAVICP currently manages over 11,000 individual repairable SE end items. This subline also funds initial outfitting of new construction ships.</p> <p>This sub-line also provides for the replacement of certain in-use PSE that are now marginally effective, due to obsolescence, or to the unavailability of associated logistics support. As a consequence, a logistically supportable replacement item must be designed and produced. This budget sub-line provides replacement of PSE support for out-of-production aircraft requirements only.</p> <p>In addition, this sub-line provides for the completion of the design and production of: (1) certain PSE items that were not funded during the production phase of the weapon system, and (2) modifications to out-of-production aircraft PSE to extend its useful service life.</p> <p>[P40A - 4 / CONSOLIDATED AUTOMATED SUPPORT SYSTEM]: Program Coverage: The electronic Consolidated Automated Support System (eCASS) program is chartered to replace CASS MainFrame (MF) test stations in the Navy's inventory. CASS, RTCASS, and eCASS continue to replace 30+ different types of computer-based Automatic Test Equipment (ATE) with a single modern family of testers (FOT), which are cost effective COTS/NDI-based ATE systems designated as the Navy's Standard Family of ATE. There are five Mission Equipment Kits (MEKs) used with eCASS, which support the entire spectrum of electronics testing requirements from direct current to light: Hybrid [tests digital and analog], Radio Frequency (RF) [tests radars and electronic warfare systems], Electro-Optics (EO3) [tests FLIRs and LASERs], High Power [high energy radar systems], and Depot. The five MEKs used with eCASS replace the existing five configurations of CASS. Reconfigurable Transportable (RTCASS) [a man-transportable version of RF CASS] is used for USMC forward deployed expeditionary maintenance. The CASS FOT supports intermediate and depot level repair of aircraft, ship, submarine and other weapon system electronics. The CASS FOT performs fault detection and diagnostic testing of almost 3,000 different "black boxes" and associated circuit cards from F/A-18A/B/C/D/E/F, T-45, AV-8B, EA-6B, H-60, H-3, E-2, C-2, and V-22 as well as several NAVSEA/SPAWAR weapon systems. electronic CASS (eCASS), which is designated an ACAT IVM program, replaces legacy CASS stations and is scheduled to begin full-rate production in the 3rd quarter FY16.</p> <p>Justification: CASS FOT replaces older, legacy ATE systems that have become obsolete (parts are no longer available) and too expensive to maintain. CASS FOT reduces afloat CVN ATE manning from 104 to 54 billets and reduces the size of the AVCAL (spare parts) from 30,000 to 3,500. CASS FOT also reduces technician Naval Enlisted Classifications (NECs) types, along with their training courses, from 32 to only 5. Each CVN will deploy with 14 eCASS stations and each LHD/LHA will deploy with two (2) stations. CASS FOT is utilized at intermediate and depot level maintenance facilities afloat and ashore to include Marine Aviation Logistics Squadrons (MALs), and Navy Fleet Readiness Centers (FRCs). RTCASS supports USMC V-22 and fixed wing aircraft.</p> <p>Current and budget year requirements are needed for CASS FOT support of new and transitioning weapon systems. New Requirements: F/A-18E/F/G (multiple), P-8 (multiple), E-2C/D (multiple), MIDS (multiple), V-22, ATFLIR (F/A-18), MH-60R/S (multiple systems), UH-1Y and AH-1Z, EGI (multiple aircraft). Transitioning Legacy Testers: 30 legacy automatic testers that support Navy and USMC tactical aircraft.</p> <p>In addition to production costs for the newest member of the CASS FOT (eCASS), program costs include: (1) incorporation of ECPs to permit systematic insertion of new technology to meet requirements of new weapon system avionics, (2) incorporation of test technologies required to offload Test Program Sets (TPSSs) from legacy ATE, (3) efforts to ameliorate obsolescence and improve system reliability, maintainability</p> | | | |

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| Item MDAP/MAIS Code(s): N/A | | |
| and supportability, (4) rehosting existing TPSs to leverage increased capabilities of new software technology, (5) providing support of CASS FOT installations at fleet sites afloat and ashore, (6) maintaining items contractually required to be provided to contractors as Government Furnished Equipment, (7) maintaining supporting equipment used at CASS FOT laboratory and testing facilities, and (8) providing ancillary equipment necessary for functionality of CASS FOT. | | |
| FY17 provides funding to procure (28) eCASS systems and associated ancillary equipment. | | |
| [P40A - 5 / MOBILE MAINTENANCE FACILITIES]: Program Description: The Mobile Maintenance Facility (MMF) Program provides the overarching management construct to ensure configuration management and life cycle logistics for the Fleet MMF inventory. The program provides engineering design solutions, production efforts and life cycle logistics in support of Navy and Marine Corps logistics requirements. | | |
| The primary component is the MMF, a 20'x8'x8' tactical shelter that meets structural and dimensional requirements of the International Organization for Standardization (ISO), the American National Standards Institute (ANSI), and the American Society for Testing and Material (ASTM). Designed for a 20-year service life, MMF's are heated and cooled by Environmental Control Units, which the program procures and logistically supports. In tactical environments, electrical power required to support MMF complexes is provided by DOD standard generator sets. The Naval Air Systems Comand (NAVAIR) acts as the Primary Inventory Control Activity (PICA) for multi-service procurement of NAVAIR MMFs and related ancillary equipment. | | |
| Program Coverage: MMF's are an Air Combat Element (ACE) Aviation Logistics (AVLOG) integration enabler, which make the Marine Air Ground Task Force (MAGTF) more responsive, agile, flexible and lethal via support and sustain operations in austere expeditionary environments. This supports the Naval Air Enterprise (NAE) Strategic Plan, Marine Corps Vision & Strategy 2025, and the USMC Long War Concept. MMFs provide containerized aviation logistics support to the operational commander that can be rapidly deployed by all transportation modes to any location in the world. Operationally, MMFs provide the Navy and Marine Corps with a quick response stand-alone capability to meet worldwide operational commitments. Economically, MMFs reduce the need for MILCON and allow for world wide transportability. | | |
| Key Attributes: - Fully integrated and expeditionary logistics capability deployable via ship, airlift or truck. Operationally deployable aboard ship (TAVB) - Provides an effective, reliable and affordable self-contained aircraft maintenance capability (avionics, airframes, et. al.) - Provides for supply support functions (work space, parts storage & parts transport) | | |
| Justification: Investment in the MMF Program ensures a fully deployable logistics capability that can be deployed in a building block fashion across the battle space in support of aircraft maintenance and supply support operations. The Program of Record inventory objective is 3515 MMFs. This objective is based on the Marine Corps Table of Basic Allowance (TBA) and Weapon System Planning Documents (WSPD), which find their roots in the various operational plans supporting the National Defense Strategy. Current active inventory is 3184 MMFs. | | |
| [P40A - 6 / GENERAL SKILLS TRAINING]: General Skill Training provides for the procurement of aviation training systems, including training devices and associated courseware, which are not associated with a specific aircraft platform. As required, includes modifications and updates to reflect changes in technology or operating environment. | | |
| Justification of Major Programs: The 'A' School Program's function is to provide initial foundational and theoretical skills training to all Navy/Marine Corps Officer and Enlisted personnel. It provides training for 20 aviation ratings, supporting 196 Navy Enlisted Classifications (NEC), 96 USMC Military Occupational Specialties (MOS) and 17 USN/USMC Officer Designators/MOS's. The Maintenance Computer Based Training (MCBT) program's emphasis is on Fleet In-Service Training using Advance Skills Management System (ASM). ASM is a software application designed to identify job task requirements, assist in determining proficiencies, document qualification/certifications, track completed technical training and aviation maintenance personnel progress across an individual's career within their respective Maintenance Personnel Readiness (MPR)/Marine Corp Training & Readiness (T&R) in support of the Naval Aviation Enterprise (NAE). The Air Traffic Control (ATC) program provides the necessary simulated training for control tower operations, Carrier Air Traffic Control Center operations, Amphibious Air Traffic Control Center operations and advanced RADAR operations. The Landing Signal Officer (LSO) Program enables proficiency at visual aircraft recoveries while at sea, through the use of an aircraft carrier landing area trainer. The Naval Aviation Survival Training Program (NASTP) provides mission critical training systems and systems support for Navy and Marine Corps aircrew and selected DoD personnel. The Air Combat Training Continuum (ACTC) Program provides the framework for post-Fleet Replacement Squadron (FRS) tactical aircrew training. The mission of ACTC is to provide Fleet, Joint, and Allied Force Commanders with quality combat-ready Naval Aviators capable of effectively executing in all mission areas. The Air Combat Training System (ACTS) is a Training Management System (TMS) that operates in a secure environment, ashore, and afloat, to deliver training content to the aviator as well as track and report his/her | | |

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| Line Item MDAP/MAIS Code: N/A | Item MDAP/MAIS Code(s): N/A | |
| <p>progress through the ACTC curriculum. Common ASW produces airborne ASW training systems for officer and enlisted aircrew for all ASW platforms, teaching critical analysis skills using computer courseware, table top trainers and ONI analysis products.</p> <p>[P40A - 7 / TOPSCENE]: Program Description: TOPSCENE is a mission planning requirement that provides realistic 3D mission rehearsal, training, and reusable visual terrain databases to the Navy Fleet, Fleet Marine Forces, major war fighting commands, and unified commanders. TOPSCENE/Tactical Terrain Visualization System (TTVS) includes a range of programs including mission rehearsal tools, part simulation, and target database production tools. TOPSCENE/TTVS provides time critical mission rehearsal visual database of sensitive target areas for effective preparation of the battlefield. TOPSCENE/TTVS is a standalone application that may also be integrated with mission planning systems (JMPS) and contributes to satisfying the mission rehearsal requirement in the JMPS Operational Requirements Document.</p> <p>[P40A - 8 / OTHER FLIGHT TRAINING]: Other Flight Training procures upgrades/modernization to operational trainers not driven by retrofit changes to aircraft driven by an Operational Safety and Improvement Program (OSIP) or forward-fit changes made during the production of the aircraft classified as an investment cost. Also, trainer procurements to replace obsolete/beyond capability of repair trainers if classified as an investment cost.</p> <p>Justification of Major Programs: The Navy Aviation Simulation Master Plan (NASMP) provides for training system capability procurements and major upgrades to address Fleet (post-Fleet Replacement Squadron) FA/EA-18, MH-60 and E-2 and legacy platform training requirements to achieve 1) an increase in Fleet Training and Readiness through enhanced training system fidelity and interoperability for distributed mission training and 2) the Fleet Integrated Training Environment (FITE) 2025 initiative, which includes the Navy Aviation Distributed Training Center (NADTC) that will manage the platform training system distributed mission training (DMT) requirements. FITE 2025 provides a fully integrated training capability to meet current and emerging aviation missions / kill chains through the integration of live, virtual and constructive components. The UMFO Training program acquires high fidelity flight officer training systems. The Chief of Naval Aviation Training (CNATRA) program will procure Operational Flight Trainers (OFT) and visual system upgrades in support of Ground Based Training Systems. The FA-18 program will focus on upgrading key simulator sub-systems including visual systems, databases, threat models and aerodynamic properties. E-6B will emphasize upgrades to existing devices to correct obsolescence issues. P-3 will provide a technical upgrade of the 2F179A Tactical Operations Readiness Trainer (TORT), 2F87 flight simulator and 14B59 Forward Deployable Trainer (FDT) to correct obsolescence issues. EP-3E will concentrate on simulator upgrades, increasing training and readiness capability of simulators, refreshing threat models and correcting obsolescence issues. E-2/C-2 will emphasize upgrades to existing devices to correct obsolescence issues. MH-53E will procure upgrades for the Operational Flight Trainer and the External Load and Mine Countermeasures Simulators. The HQMC Federation will invest in technological upgrades to the USMC KC-130, H-1, CH-53, V-22, AV-8B and the Presidential Helicopter training devices. The Aviation Distributed Virtual Training Environment (ADVTE) infrastructure will be procured for OCONUS USMC bases/upgraded at East/West coast cites, and training courseware and curriculum will be procured for transformational Marine Corps Aircraft. Live Virtual Constructive (LVC) will establish persistent integrated training between AEGIS, CVW, Maritime and UAS training assets by enabling LVC capability with live F/A-18 E/F aircraft on the Fallon Range. Effort will modify F/A-18 OFP to allow insertion of training state data on live F/A-18 E/F aircraft to provide comprehensive integrated training capability. In 2021, NASMP will also incorporate Technical Refresh/Upgrades, Modernization, Information Assurance/Cyber Security accreditation, and all software/hardware upgrades as necessary to mitigate simulation obsolescence to address Chief of Naval Air Training (CNATRA)and Commander Naval Air Forces (CNAF) requirements for T-6, T-45, TH-57, Undergraduate Military Flight Officer (UMFO), FA/EA-18, MH-60, E-2/C-2, E-6B, P-8A, MQ-4C, MQ-8, MH-53E,and legacy aircrew and maintenance simulators/trainers.</p> | | |

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| Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities | P-1 Line Item Number / Title: 0705 / Common Ground Equipment |
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| ID Code (A=Service Ready, B=Not Service Ready): B | Program Elements for Code B Items: N/A | Other Related Program Elements: N/A |
| Line Item MDAP/MAIS Code: N/A | Item MDAP/MAIS Code(s): N/A | |

| Exhibits Schedule | | | | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total |
|-------------------|--|-------------|-------|--|--|--|--|--|--|
| Exhibit Type | Title* | Subexhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) |
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| P-40a | ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT | | | - / 123.772 | - / 21.498 | - / 28.212 | - / 31.430 | - / - | - / 31.430 |
| P-40a | CONSOLIDATED AUTOMATED SUPPORT SYSTEM | P-5a, P-21 | | - / 693.248 | - / 80.908 | - / 103.016 | - / 84.021 | - / - | - / 84.021 |
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| P-40a | GENERAL SKILLS TRAINING | P-5a | | - / 23.975 | - / 10.655 | - / 7.663 | - / 11.133 | - / - | - / 11.133 |
| P-40a | TOPSCENE | P-5a | | - / 7.353 | - / 1.485 | - / 1.785 | - / - | - / - | - / - |
| P-40a | OTHER FLIGHT TRAINING | P-5a, P-21 | | - / 401.294 | - / 146.867 | - / 176.722 | - / 172.950 | - / - | - / 172.950 |
| P-40 | Total Gross/Weapon System Cost | | | - / 1,867.385 | - / 367.359 | - / 417.359 | - / 390.103 | - / - | - / 390.103 |

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

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

Justification:

Decrease in Common Ground Equipment by \$11.535M as required for the Department of the Navy to comply with the Bipartisan Budget Act of 2015.

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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | Date: February 2016 | | | | | |
|---|-------|----------------|----------------|------------|-------------------|----------------|---|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|---|------------|-------------------|----------------|------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | Aggregated Items Title: AUTOMATIC TEST EQUIPMENT | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
| | | | 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) |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | |
| 1.1) TPS Transition to CASS | A | | - | - | 214.225 | - | - | 19.239 | - | - | 20.771 | - | - | 20.000 | - | - | - | - | - | 20.000 |
| Subtotal: 1) Hardware | | | - | - | 214.225 | - | - | 19.239 | - | - | 20.771 | - | - | 20.000 | - | - | - | - | - | 20.000 |
| 2) Non-Recurring | | | | | | | | | | | | | | | | | | | | |
| 2.1) TPS Transition to CASS | A | | - | - | 5.219 | - | - | 0.934 | - | - | 0.953 | - | - | 0.714 | - | - | - | - | - | 0.714 |
| Subtotal: 2) Non-Recurring | | | - | - | 5.219 | - | - | 0.934 | - | - | 0.953 | - | - | 0.714 | - | - | - | - | - | 0.714 |
| 3) ILS | | | | | | | | | | | | | | | | | | | | |
| 3.1) TPS Transition to CASS | A | | - | - | 22.837 | - | - | 1.917 | - | - | 1.885 | - | - | 1.334 | - | - | - | - | - | 1.334 |
| Subtotal: 3) ILS | | | - | - | 22.837 | - | - | 1.917 | - | - | 1.885 | - | - | 1.334 | - | - | - | - | - | 1.334 |
| 4) Production Engineering | | | | | | | | | | | | | | | | | | | | |
| 4.1) TPS Transition to CASS | A | | - | - | 73.922 | - | - | 4.443 | - | - | 4.307 | - | - | 4.045 | - | - | - | - | - | 4.045 |
| Subtotal: 4) Production Engineering | | | - | - | 73.922 | - | - | 4.443 | - | - | 4.307 | - | - | 4.045 | - | - | - | - | - | 4.045 |
| Total | | | - | - | 316.203 | - | - | 26.533 | - | - | 27.916 | - | - | 26.093 | - | - | - | - | - | 26.093 |

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

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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | | Date: February 2016 | | | | | |
|---|-------|----------------|----------------|------------|-------------------|----------------|------------|---|----------------|------------|-------------------|----------------|------------|-------------------|----------------|---|-------------------|----------------|------------|-------------------|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | Aggregated Items Title: A/C COMMON SUPPORT EQUIPMENT | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | | |
| | | | 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) | |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | | |
| 1.1) Weapons Control - Craits Replacement (CAATS) ^(†) | A | | 150,000.00 | 5 | 0.750 | 140,000.00 | 50 | 7.000 | 140,000.00 | 57 | 7.980 | 140,000.00 | 65 | 9.100 | - | - | - | 140,000.00 | 65 | 9.100 | |
| 1.2) Vibration - Vibration Analyzer ^(†) | B | | 56,250.00 | 8 | 0.450 | - | - | - | 26,250.00 | 80 | 2.100 | 26,500.00 | 80 | 2.120 | - | - | - | 26,500.00 | 80 | 2.120 | |
| 1.3) Shipboard Fire Trucks - A/S32-P-25A Fire Truck CILOP ^(†) | A | | 161,200.00 | 65 | 10.478 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.5) S/W Loader - Next Generation Software Loader ^(†) | A | | 38,333.33 | 180 | 6.900 | 36,538.46 | 104 | 3.800 | 40,000.00 | 130 | 5.200 | 41,000.00 | 120 | 4.920 | - | - | - | 41,000.00 | 120 | 4.920 | |
| 1.7) Hydraulics - Hydraulic Test Stand I Level ^(†) | A | | 310,461.54 | 13 | 4.036 | 134,538.00 | 13 | 1.749 | 138,500.00 | 18 | 2.493 | 142,714.29 | 14 | 1.998 | - | - | - | 142,714.29 | 14 | 1.998 | |
| 1.9) Platform Support - Air Conditioner Ship Shore ^(†) | B | | 170,000.00 | 8 | 1.360 | 111,050.00 | 80 | 8.884 | 137,775.00 | 40 | 5.511 | 138,000.00 | 59 | 8.142 | - | - | - | 138,000.00 | 59 | 8.142 | |
| 1.11) Platform Support - Shipboard, Tractor ^(†) | A | | 115,373.24 | 142 | 16.383 | 123,000.00 | 51 | 6.273 | 125,000.00 | 11 | 1.375 | - | - | - | - | - | - | - | - | - | |
| 1.15) Electrical - Large Capacity MEPP ^(†) | B | | 79,057.14 | 105 | 8.301 | 70,150.44 | 113 | 7.927 | 75,705.26 | 95 | 7.192 | 75,720.93 | 43 | 3.256 | - | - | - | 75,720.93 | 43 | 3.256 | |
| 1.16) Electrical - Small Capacity MEPP (Shipboard) ^(†) | B | | - | - | - | 200,000.00 | 5 | 1.000 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.19) Electriconic Warfare- JSECST Upgrade ^(†) | B | | 50,000.00 | 73 | 3.650 | - | - | - | 54,533.33 | 75 | 4.090 | 60,000.00 | 17 | 1.020 | - | - | - | 60,000.00 | 17 | 1.020 | |
| 1.20) First Destination Transportation Costs ⁽¹⁾ | A | | - | - | - | - | - | - | - | - | - | - | - | 0.800 | - | - | - | - | - | 0.800 | |
| Subtotal: 1) Hardware | | | - | - | 52.308 | - | - | 36.633 | - | - | 35.941 | - | - | 31.356 | - | - | - | - | - | 31.356 | |
| 2) Non Recurring | | | | | | | | | | | | | | | | | | | | | |
| 2.1) Weapons Control | A | | - | - | 5.512 | - | - | 0.230 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 2.2) Vibration | A | | - | - | 1.955 | - | - | 1.351 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 2.6) COMM/NAV I/D | A | | - | - | 0.692 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 2.7) Software Load | A | | - | - | 6.637 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 2.8) Non Destruct Inspection (NDI) | A | | - | - | 0.017 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 2.10) Hydraulics | A | | - | - | 3.071 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | Date: February 2016 | | | | | |
|---|-------|----------------|----------------|------------|-------------------|----------------|---|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|---|------------|-------------------|----------------|------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | Aggregated Items Title: A/C COMMON SUPPORT EQUIPMENT | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
| | | | 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) |
| 2.11) Propulsion | A | | - | - | 2.664 | - | - | 0.118 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.12) Platform Support | A | | - | - | 2.793 | - | - | - | - | - | 0.100 | - | - | - | - | - | - | - | - | - |
| 2.13) Electrical | A | | - | - | 1.820 | - | - | 5.269 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.14) Electronic Warfare | A | | - | - | 0.859 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: 2) Non Recurring | | | - | - | 26.020 | - | - | 6.968 | - | - | 0.100 | - | - | - | - | - | - | - | - | - |
| 3) ILS | | | | | | | | | | | | | | | | | | | | |
| 3.1) Weapons Control | A | | - | - | 1.086 | - | - | 0.281 | - | - | 0.285 | - | - | 0.290 | - | - | - | - | - | 0.290 |
| 3.2) Vibration | A | | - | - | 0.502 | - | - | 0.099 | - | - | 0.101 | - | - | 0.101 | - | - | - | - | - | 0.101 |
| 3.3) Corrosion | A | | - | - | 0.397 | - | - | 0.064 | - | - | 0.065 | - | - | 0.066 | - | - | - | - | - | 0.066 |
| 3.4) Aircraft Wiring | A | | - | - | 0.536 | - | - | 0.138 | - | - | 0.141 | - | - | 0.144 | - | - | - | - | - | 0.144 |
| 3.5) Shipboard Fire Trucks | A | | - | - | 0.553 | - | - | 0.141 | - | - | 0.144 | - | - | 0.147 | - | - | - | - | - | 0.147 |
| 3.6) COMM/NAV I/D | A | | - | - | 1.132 | - | - | 0.259 | - | - | 0.213 | - | - | 0.200 | - | - | - | - | - | 0.200 |
| 3.7) Software Load | A | | - | - | 0.337 | - | - | 0.087 | - | - | 0.088 | - | - | 0.090 | - | - | - | - | - | 0.090 |
| 3.8) Non Destruct Inspection (NDI) | A | | - | - | 2.213 | - | - | 0.415 | - | - | 0.414 | - | - | 0.402 | - | - | - | - | - | 0.402 |
| 3.9) Cryogenics | A | | - | - | 0.906 | - | - | 0.192 | - | - | 0.200 | - | - | 0.219 | - | - | - | - | - | 0.219 |
| 3.10) Hydraulics | A | | - | - | 0.683 | - | - | 0.136 | - | - | 0.181 | - | - | 0.181 | - | - | - | - | - | 0.181 |
| 3.11) Propulsion | A | | - | - | 2.898 | - | - | 0.855 | - | - | 0.744 | - | - | 0.718 | - | - | - | - | - | 0.718 |
| 3.12) Platform Support | A | | - | - | 5.331 | - | - | 1.382 | - | - | 1.386 | - | - | 1.381 | - | - | - | - | - | 1.381 |
| 3.13) Electrical | A | | - | - | 2.428 | - | - | 0.835 | - | - | 0.843 | - | - | 0.847 | - | - | - | - | - | 0.847 |
| 3.14) Electronic Warfare | A | | - | - | 0.463 | - | - | 0.127 | - | - | 0.135 | - | - | 0.138 | - | - | - | - | - | 0.138 |
| Subtotal: 3) ILS | | | - | - | 19.465 | - | - | 5.011 | - | - | 4.940 | - | - | 4.924 | - | - | - | - | - | 4.924 |
| 4) Production Engineering Support | | | | | | | | | | | | | | | | | | | | |
| 4.1) Weapons Control | A | | - | - | 5.591 | - | - | 1.449 | - | - | 1.451 | - | - | 1.456 | - | - | - | - | - | 1.456 |
| 4.2) Vibration | A | | - | - | 2.529 | - | - | 0.525 | - | - | 0.528 | - | - | 0.535 | - | - | - | - | - | 0.535 |
| 4.3) Corrosion | A | | - | - | 0.638 | - | - | 0.100 | - | - | 0.104 | - | - | 0.107 | - | - | - | - | - | 0.107 |
| 4.4) Aircraft Wiring | A | | - | - | 2.856 | - | - | 0.651 | - | - | 0.653 | - | - | 0.656 | - | - | - | - | - | 0.656 |
| 4.5) Shipboard Fire Trucks | A | | - | - | 3.977 | - | - | 0.956 | - | - | 0.966 | - | - | 0.966 | - | - | - | - | - | 0.966 |
| 4.6) COMM/NAV I/D | A | | - | - | 5.293 | - | - | 1.219 | - | - | 1.220 | - | - | 1.224 | - | - | - | - | - | 1.224 |
| 4.7) Software Load | A | | - | - | 2.983 | - | - | 0.741 | - | - | 0.750 | - | - | 0.753 | - | - | - | - | - | 0.753 |
| 4.8) Non Destruct Inspection (NDI) | A | | - | - | 6.786 | - | - | 1.506 | - | - | 1.510 | - | - | 1.513 | - | - | - | - | - | 1.513 |
| 4.9) Cryogenics | A | | - | - | 6.333 | - | - | 1.423 | - | - | 1.425 | - | - | 1.422 | - | - | - | - | - | 1.422 |
| 4.10) Hydraulics | A | | - | - | 4.010 | - | - | 0.913 | - | - | 0.917 | - | - | 0.920 | - | - | - | - | - | 0.920 |

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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | | Date: February 2016 | | | | |
|---|-------|----------------|----------------|------------|-------------------|---|------------|-------------------|----------------|------------|-------------------|---|------------|-------------------|----------------|---------------------|-------------------|----------------|------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | Aggregated Items Title: A/C COMMON SUPPORT EQUIPMENT | | | | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
| | | | 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) |
| 4.11) Propulsion | A | | - | - | 10.971 | - | - | 3.149 | - | - | 3.132 | - | - | 3.059 | - | - | - | - | - | 3.059 |
| 4.12) Platform Support | A | | - | - | 13.524 | - | - | 3.737 | - | - | 3.703 | - | - | 3.700 | - | - | - | - | - | 3.700 |
| 4.13) Electrical | A | | - | - | 4.862 | - | - | 1.241 | - | - | 1.246 | - | - | 1.273 | - | - | - | - | - | 1.273 |
| 4.14) Electronic Warfare | A | | - | - | 5.453 | - | - | 1.306 | - | - | 1.308 | - | - | 1.311 | - | - | - | - | - | 1.311 |
| Subtotal: 4) Production Engineering Support | | | - | - | 75.806 | - | - | 18.916 | - | - | 18.913 | - | - | 18.895 | - | - | - | - | - | 18.895 |
| 5) Installations | | | | | | | | | | | | | | | | | | | | |
| 5.1) Non FMP Installations | A | | - | - | 11.194 | - | - | 1.776 | - | - | 3.312 | - | - | 3.154 | - | - | - | - | - | 3.154 |
| 5.2) FMP Installations | A | | - | - | 11.302 | - | - | 3.026 | - | - | 1.861 | - | - | 1.912 | - | - | - | - | - | 1.912 |
| Subtotal: 5) Installations | | | - | - | 22.496 | - | - | 4.802 | - | - | 5.173 | - | - | 5.066 | - | - | - | - | - | 5.066 |
| Total | | | - | - | 196.095 | - | - | 72.330 | - | - | 65.067 | - | - | 60.241 | - | - | - | - | - | 60.241 |

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

(†) indicates the presence of a P-5a

Footnotes:

(1) Transportation Code in prior years was budgeted under Production Engineering Support. Transportation Cost are not included in Unit Price in prior years or within the Future Year Defense Plan (FYDP).

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| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | | Date: February 2016 | | | |
|---|-------------|---------------------|--|--|-----------------|---------------|------------------------------|---------------|--|------------------------|-------------------------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | Aggregated Items: A/C COMMON SUPPORT EQUIPMENT | | | |
| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1) Hardware | | | | | | | | | | | | |
| 1.1) Weapons Control - Cralts Replacement (CAATS) ^(†) | | 2015 | SAIC / Indianapolis IN | SS / FFP | NAWCAD LKE | Sep 2015 | Sep 2016 | 50 | 140,000.00 | Y | | |
| 1.1) Weapons Control - Cralts Replacement (CAATS) ^(†) | | 2016 | TBD / TBD | C / FFP | TBD | Sep 2016 | Aug 2017 | 57 | 140,000.00 | Y | | |
| 1.1) Weapons Control - Cralts Replacement (CAATS) ^(†) | | 2017 ⁽²⁾ | TBD / TBD | C / FFP | TBD | Mar 2017 | Apr 2018 | 65 | 140,000.00 | Y | | |
| 1.2) Vibration - Vibration Analyzer ^(†) | | 2016 | NUWC / KEYPORT,WA | PO | NAWCAD LKE | Aug 2016 | Jun 2017 | 80 | 26,250.00 | Y | | |
| 1.2) Vibration - Vibration Analyzer ^(†) | | 2017 | NUWC / KEYPORT,WA | PO | NAWCAD LKE | Feb 2017 | Apr 2018 | 80 | 26,500.00 | Y | | |
| 1.3) Shipboard Fire Trucks - A/S32-P-25A Fire Truck CIOP ^(†) | | 2013 | ENTWISTLE COMPANY / HUDSON, MA | SS / FFP | NAWCAD LKE | Mar 2013 | Feb 2016 | 25 | 171,040.00 | Y | | Jun 2009 |
| 1.3) Shipboard Fire Trucks - A/S32-P-25A Fire Truck CIOP ^(†) | | 2014 | ENTWISTLE COMPANY / HUDSON, MA | SS / FFP | NAWCAD LKE | Dec 2013 | Feb 2017 | 8 | 174,000.00 | Y | | Jun 2009 |
| 1.5) S/W Loader - Next Generation Software Loader ^(†) | | 2014 | NSWC CRANE / IN | PO | NSWC CRANE | Feb 2014 | Mar 2015 | 100 | 37,000.00 | Y | | |
| 1.5) S/W Loader - Next Generation Software Loader ^(†) | | 2015 | NSWC CRANE / IN | PO | NSWC CRANE | Jan 2015 | Feb 2016 | 104 | 36,538.46 | Y | | |
| 1.5) S/W Loader - Next Generation Software Loader ^(†) | | 2016 | NSWC CRANE / IN | PO | NSWC CRANE | Feb 2016 | Dec 2016 | 130 | 40,000.00 | Y | | |
| 1.5) S/W Loader - Next Generation Software Loader ^(†) | | 2017 | NSWC CRANE / IN | PO | NSWC CRANE | Dec 2016 | Dec 2017 | 120 | 41,000.00 | Y | | |
| 1.7) Hydraulics - Hydraulic Test Stand I Level ^(†) | | 2014 ⁽³⁾ | Hydraulics International Inc. (2) ⁽⁴⁾ / CHATSWORTH CA | C / FFP | NAWCAD LKE | Sep 2015 | Dec 2015 | 10 | 283,600.00 | Y | | Aug 2011 |
| 1.7) Hydraulics - Hydraulic Test Stand I Level ^(†) | | 2015 | Hydraulics International Inc. (1) ⁽⁵⁾ / CHATSWORTH CA | C / FFP | NAWCAD LKE | Sep 2015 | Sep 2016 | 13 | 134,538.00 | Y | | Aug 2011 |
| 1.7) Hydraulics - Hydraulic Test Stand I Level ^(†) | | 2016 | Hydraulics International Inc. (1) ⁽⁵⁾ / CHATSWORTH CA | C / FFP | NAWCAD LKE | Dec 2015 | Feb 2017 | 18 | 138,500.00 | Y | | Aug 2011 |
| 1.7) Hydraulics - Hydraulic Test Stand I Level ^(†) | | 2017 | Hydraulics International Inc. (1) ⁽⁵⁾ / CHATSWORTH CA | C / FFP | NAWCAD LKE | Nov 2016 | Oct 2017 | 14 | 142,714.29 | Y | | Aug 2011 |
| 1.9) Platform Support - Air Conditioner Ship Shore ^(†) | | 2015 | DRS TECHNOLOGIES (2) ⁽⁶⁾ / FLORENCE, KY | C / FFP | NAWCAD LKE | Mar 2016 | Oct 2016 | 80 | 111,050.00 | Y | | Dec 2009 |
| 1.9) Platform Support - Air Conditioner Ship Shore ^(†) | | 2016 | DRS TECHNOLOGIES (1) ⁽⁷⁾ / FLORENCE, KY | C / FFP | NAWCAD LKE | Mar 2016 | Sep 2017 | 40 | 137,775.00 | Y | | Dec 2009 |

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| | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|
| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | Date: February 2016 | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | Aggregated Items: A/C COMMON SUPPORT EQUIPMENT | | | | |

| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revision Available | RFP Issue Date |
|---|-------------|------|---|--------------------------------------|-----------------------|---------------|------------------------------|---------------|-------------------|------------------------|-------------------------------|-------------------|
| 1.9) Platform Support - Air Conditioner Ship Shore ^(†) | | 2017 | DRS TECHNOLOGIES (1) ⁽⁷⁾ / FLORENCE, KY | C / FFP | NAWCAD LKE | Nov 2016 | Jan 2018 | 59 | 138,000.00 | Y | | Dec 2009 |
| 1.11) Platform Support - Shipboard, Tractor ^(†) | | 2015 | Schopf / Ostfildern, Germany | C / FFP | NAWCAD LKE | Feb 2015 | Nov 2015 | 51 | 123,000.00 | Y | | Apr 2009 |
| 1.11) Platform Support - Shipboard, Tractor ^(†) | | 2016 | Schopf / Ostfildern, Germany | C / FFP | NAWCAD LKE | Oct 2015 | Aug 2016 | 11 | 125,000.00 | Y | | Apr 2009 |
| 1.15) Electrical - Large Capacity MEPP ^(†) | | 2014 | Essex Electro Engineers, Inc / Schaumburg, IL | C / FFP | NAWCAD LKE | Mar 2016 | Sep 2016 | 100 | 67,870.00 | Y | | Apr 2010 |
| 1.15) Electrical - Large Capacity MEPP ^(†) | | 2015 | Essex Electro Engineers, Inc / Schaumburg, IL | C / FFP | NAWCAD LKE | Mar 2016 | Mar 2017 | 113 | 70,150.44 | Y | | Apr 2010 |
| 1.15) Electrical - Large Capacity MEPP ^(†) | | 2016 | Essex Electro Engineers, Inc / Schaumburg, IL | C / FFP | NAWCAD LKE | Mar 2016 | Nov 2017 | 95 | 75,705.26 | Y | | Apr 2010 |
| 1.15) Electrical - Large Capacity MEPP ^(†) | | 2017 | Essex Electro Engineers, Inc / Schaumburg, IL | C / FFP | NAWCAD LKE | Jan 2017 | May 2018 | 43 | 75,720.93 | Y | | Apr 2010 |
| 1.16) Electrical - Small Capacity MEPP (Shipboard) ^(†) | | 2015 | JBT CORP / OGDEN, UT | C / FFP | NAWCAD LKE | Feb 2015 | Jun 2016 | 5 | 200,000.00 | Y | | Nov 2013 |
| 1.19) Electriconic Warfare-JSECST Upgrade ^(†) | | 2014 | AAI Corporation / Hunt Valley, MD | MIPR | Warner Robins AFB, GA | Sep 2015 | Jul 2016 | 69 | 50,000.00 | Y | | Jan 2014 |
| 1.19) Electriconic Warfare-JSECST Upgrade ^(†) | | 2016 | AAI Corporation / Hunt Valley, MD | MIPR | Warner Robins AFB, GA | Mar 2016 | Apr 2017 | 75 | 54,533.33 | Y | | Jan 2014 |
| 1.19) Electriconic Warfare-JSECST Upgrade ^(†) | | 2017 | AAI Corporation / Hunt Valley, MD | MIPR | Warner Robins AFB, GA | Nov 2016 | Dec 2017 | 17 | 60,000.00 | Y | | Jan 2014 |

^(†) indicates the presence of a P-21

Footnotes:

⁽²⁾ Cralts Replacement (CAATS): FY16 & FY17 Delivery Schedule has been updated to reflect current programs acquisition strategy.

⁽³⁾ 1.7 Hydraulics: The contract award date slipped due to additional time required to correct deficiencies identified during testing.

⁽⁴⁾ Hydraulics - Hydraulic Test Stand I Level: Initial Lead Time for FY14 Deliveries.

⁽⁵⁾ Hydraulics - Hydraulic Test Stand I Level: Initial Lead Time for FY15 Deliveries and out.

⁽⁶⁾ Platform Support - Air Conditioner Ship Shore: Initial Lead Time for FY15 Deliveries.

⁽⁷⁾ Platform Support - Air Conditioner Ship Shore: Initial Lead Time for FY16 Deliveries and out.

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LI 0705 - Common Ground Equipment
Navy

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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------|------|---------|----------|----------------------------|---------------------|--------------------|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|---------|--|-----|
| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | | | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | | Aggregated Items: A/C COMMON SUPPORT EQUIPMENT | | | | | | | | | | | | | | | |
| Items (Units in Each) | | | | | | | Fiscal Year 2013 | | | | | | | | | | | | | Fiscal Year 2014 | | | | | | | | | | | | | BALANCE | | |
| OCO | MFR # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2012 | BAL DUE AS OF 1 OCT | Calendar Year 2013 | | | | | | | | | | | | | Calendar Year 2014 | | | | | | | | | | | | | | | |
| | | | | | | | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | | | | |
| | 10 | 2015 | NAVY | 51 | - | 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 51 |
| | 10 | 2016 | NAVY | 11 | - | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 |
| 1.15) Electrical - Large Capacity MEPP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | 2014 | NAVY | 100 | - | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 100 |
| | 11 | 2015 | NAVY | 113 | - | 113 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 113 |
| | 11 | 2016 | NAVY | 95 | - | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 95 |
| | 11 | 2017 | NAVY | 43 | - | 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 43 |
| 1.16) Electrical - Small Capacity MEPP (Shipboard) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12 | 2015 | NAVY | 5 | - | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| 1.19) Electronic Warfare- JSECST Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 13 | 2014 | NAVY | 69 | - | 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 69 |
| | 13 | 2016 | NAVY | 75 | - | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 75 |
| | 13 | 2017 | NAVY | 17 | - | 17 | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | | | | |

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|--|------------------|------|---------|-------------|--|------------------------------|------------------|-------------|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------------------|-------------|---|-----|---|----|-----|----|--|--|-----|----|----|
| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | | | | | | | | | | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | | Aggregated Items: A/C COMMON SUPPORT EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | |
| Items (Units in Each) | | | | | | | Fiscal Year 2015 | | | | | | | | | | Fiscal Year 2016 | | | | | | | | | | | | | B A L A N C E | | | | | | | | | | | | |
| O C C # | M F R # | FY | SERVICE | PROC QTY | ACCEP T PRIOR TO 1 OCT 2014 | BAL DUE AS OF 1 OCT | | | | Calendar Year 2015 | | | | | | | | | | Calendar Year 2016 | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | | S E P | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1) Weapons Control - CraIts Replacement (CAATS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2015 | NAVY | 50 | - | 50 | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 46 | | | | | | | |
| | 2 | 2016 | NAVY | 57 | - | 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | A - | | | | | | | | 57 | |
| | 2 | 2017 | NAVY | 65 | - | 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 65 | | |
| 1.2) Vibration - Vibration Analyzer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 2016 | NAVY | 80 | - | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | A - | - | | | | | | | | 80 |
| | 3 | 2017 | NAVY | 80 | - | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | | |
| 1.3) Shipboard Fire Trucks - A/S32-P-25A Fire Truck CILOP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 2013 | NAVY | 25 | - | 25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 9 | | | | | | | | | | |
| | 4 | 2014 | NAVY | 8 | - | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | | | | | | | | | | |
| 1.5) S/W Loader - Next Generation Software Loader | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | 2014 | NAVY | 100 | - | 100 | - | - | - | - | - | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | | | | | | | | | | - | | | | | | | | | | |
| | 5 | 2015 | NAVY | 104 | - | 104 | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 22 | | | | | | | | | | | |
| | 5 | 2016 | NAVY | 130 | - | 130 | | | | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | 130 | | | | | | |
| | 5 | 2017 | NAVY | 120 | - | 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 120 | | |
| 1.7) Hydraulics - Hydraulic Test Stand I Level | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 | 2014 | NAVY | 10 | - | 10 | | | | | | | | | | | A - | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | | - | | | | | | | | | | |
| | 6 | 2015 | NAVY | 13 | - | 13 | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 11 | | | | | | | | | |
| | 6 | 2016 | NAVY | 18 | - | 18 | | | | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 18 | | | | | |
| | 6 | 2017 | NAVY | 14 | - | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | | |
| 1.9) Platform Support - Air Conditioner Ship Shore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 | 2015 | NAVY | 80 | - | 80 | | | | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | 80 | | | | | | |
| | 8 | 2016 | NAVY | 40 | - | 40 | | | | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 40 | | | | | |
| | 8 | 2017 | NAVY | 59 | - | 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 59 | | |
| 1.11) Platform Support - Shipboard, Tractor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 142 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | | | | | | | | | | |

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| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | | |
|--|------------------|------|---------|-------------|--|------------------------------|--------------------|-------------|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------------------|-------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | | Aggregated Items: A/C COMMON SUPPORT EQUIPMENT | | | | | | | | | | | |
| Items (Units in Each) | | | | | | | Fiscal Year 2015 | | | | | | | | | | Fiscal Year 2016 | | | | | | | | | | | | | B A L A N C E | |
| O C O | M F R # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2014 | BAL DUE AS OF 1 OCT | Calendar Year 2015 | | | | | | | | | | Calendar Year 2016 | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | | S E P |
| | 10 | 2015 | NAVY | 51 | - | 51 | | | | | A - | - | - | - | - | - | - | - | - | 7 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | | - |
| | 10 | 2016 | NAVY | 11 | - | 11 | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | 1 | 5 | 5 |
| 1.15) Electrical - Large Capacity MEPP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | 2014 | NAVY | 100 | - | 100 | | | | | | | | | | | | | | | | | A - | - | - | - | - | - | - | 15 | 85 |
| | 11 | 2015 | NAVY | 113 | - | 113 | | | | | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | 113 |
| | 11 | 2016 | NAVY | 95 | - | 95 | | | | | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | 95 |
| | 11 | 2017 | NAVY | 43 | - | 43 | | | | | | | | | | | | | | | | | | | | | | | | | 43 |
| 1.16) Electrical - Small Capacity MEPP (Shipboard) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12 | 2015 | NAVY | 5 | - | 5 | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | | | - |
| 1.19) Electronic Warfare- JSECST Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 13 | 2014 | NAVY | 69 | - | 69 | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | 7 | 7 | 7 | 48 |
| | 13 | 2016 | NAVY | 75 | - | 75 | | | | | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | 75 |
| | 13 | 2017 | NAVY | 17 | - | 17 | | | | | | | | | | | | | | | | | | | | | | | | | 17 |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |

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| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | | | |
|---|------------------|------|---------|-------------|---|------------------------------|--------------------|-------------|-------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|--------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------------------|-------------|---|
| Appropriation / Budget Activity / Budget Sub Activity: | | | | | | | | | | P-1 Line Item Number / Title: | | | | | | | | | | Aggregated Items: | | | | | | | | | | | | |
| 1506N / 07 / 1 | | | | | | | | | | 0705 / Common Ground Equipment | | | | | | | | | | A/C COMMON SUPPORT EQUIPMENT | | | | | | | | | | | | |
| Items (Units in Each) | | | | | | Fiscal Year 2017 | | | | | | | | | | | | Fiscal Year 2018 | | | | | | | | | | | | B A L A N C E | | |
| O C C # | M F R # | FY | SERVICE | PROC QTY | ACCEP T P R I O R T O 1 O C T 2 0 1 6 | BAL DUE AS OF 1 OCT | Calendar Year 2017 | | | | | | | | | | | | Calendar Year 2018 | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | | S E P | |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1) Weapons Control - Craits Replacement (CAATS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2015 | NAVY | 50 | 4 | 46 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | | | | | | | | | | | | | | | | - |
| | 2 | 2016 | NAVY | 57 | - | 57 | - | - | - | - | - | - | - | - | - | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 1 | | | | | | | | - |
| | 2 | 2017 | NAVY | 65 | - | 65 | | | | | | A | - | - | - | - | - | - | - | - | - | - | - | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 24 | |
| 1.2) Vibration - Vibration Analyzer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 2016 | NAVY | 80 | - | 80 | - | - | - | - | - | - | - | - | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | | | | | | | - | |
| | 3 | 2017 | NAVY | 80 | - | 80 | | | | | A | - | - | - | - | - | - | - | - | - | - | - | - | 8 | 8 | 8 | 8 | 8 | 8 | 32 | | |
| 1.3) Shipboard Fire Trucks - A/S32-P-25A Fire Truck CILOP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 2013 | NAVY | 25 | 16 | 9 | 2 | 2 | 2 | 3 | | | | | | | | | | | | | | | | | | | | | - | |
| | 4 | 2014 | NAVY | 8 | - | 8 | - | - | - | - | 1 | 2 | 2 | 2 | 1 | | | | | | | | | | | | | | | | - | |
| 1.5) S/W Loader - Next Generation Software Loader | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | 2014 | NAVY | 100 | 100 | - | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 5 | 2015 | NAVY | 104 | 82 | 22 | 11 | 11 | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 5 | 2016 | NAVY | 130 | - | 130 | - | - | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 10 | | | | | | | | | | | | - | |
| | 5 | 2017 | NAVY | 120 | - | 120 | | | A | - | - | - | - | - | - | - | - | - | - | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 20 | |
| 1.7) Hydraulics - Hydraulic Test Stand I Level | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 | 2014 | NAVY | 10 | 10 | - | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 6 | 2015 | NAVY | 13 | 2 | 11 | 2 | 2 | 2 | 3 | 2 | | | | | | | | | | | | | | | | | | | | - | |
| | 6 | 2016 | NAVY | 18 | - | 18 | - | - | - | - | 1 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | | | | | | | | | | | | - | |
| | 6 | 2017 | NAVY | 14 | - | 14 | | A | - | - | - | - | - | - | - | - | - | - | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | | | | | - | |
| 1.9) Platform Support - Air Conditioner Ship Shore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 | 2015 | NAVY | 80 | - | 80 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | | | | | | | | | | | | | | - | |
| | 8 | 2016 | NAVY | 40 | - | 40 | - | - | - | - | - | - | - | - | - | - | 7 | 10 | 10 | 10 | 3 | | | | | | | | | | - | |
| | 8 | 2017 | NAVY | 59 | - | 59 | | A | - | - | - | - | - | - | - | - | - | - | - | 7 | 10 | 10 | 10 | 10 | 10 | 2 | | | | | - | |
| 1.11) Platform Support - Shipboard, Tractor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 142 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | |

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|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | | Aggregated Items: A/C COMMON SUPPORT EQUIPMENT | | | | | | | | | |

| Items (Units in Each) | | | | | | Fiscal Year 2017 | | | | | | | | | | | | Fiscal Year 2018 | | | | | | | | | | | | B A L A N C E | | | | | | |
|--|------------------|------|---------|-------------|--|------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------------------|-------------|--|---|---|---|---|
| O C O | M F R # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2016 | BAL DUE AS OF 1 OCT | Calendar Year 2017 | | | | | | | | | | | | Calendar Year 2018 | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | | S E P | | | | | |
| | 10 | 2015 | NAVY | 51 | 51 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 10 | 2016 | NAVY | 11 | 6 | 5 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| 1.15) Electrical - Large Capacity MEPP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | 2014 | NAVY | 100 | 15 | 85 | 15 | 15 | 15 | 15 | 15 | 10 | | | | | | | | | | | | | | | | | | | | | - | | | |
| | 11 | 2015 | NAVY | 113 | - | 113 | - | - | - | - | - | 5 | 15 | 15 | 15 | 15 | 15 | 15 | 3 | | | | | | | | | | | | | | - | | | |
| | 11 | 2016 | NAVY | 95 | - | 95 | - | - | - | - | - | - | - | - | - | - | - | - | 12 | 15 | 15 | 15 | 15 | 15 | 8 | | | | | | | | - | | | |
| | 11 | 2017 | NAVY | 43 | - | 43 | | | | | A | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | 15 | 15 | 6 | | - | | | | | | |
| 1.16) Electrical - Small Capacity MEPP (Shipboard) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12 | 2015 | NAVY | 5 | 5 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| 1.19) Electronic Warfare- JSECST Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 13 | 2014 | NAVY | 69 | 21 | 48 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | | | | | | | | | | | | | | | | | | | | - | | | |
| | 13 | 2016 | NAVY | 75 | - | 75 | - | - | - | - | - | - | 1 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 4 | | | | | | | | | | | | | - | | |
| | 13 | 2017 | NAVY | 17 | - | 17 | | A | - | - | - | - | - | - | - | - | - | - | - | 6 | 10 | 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 | | | | | | |

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|--|------------------|------|---------|-------------|--|------------------------------|------------------|-------------|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------------------|
| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | | Aggregated Items: A/C COMMON SUPPORT EQUIPMENT | | | | | | | | | | | |
| Items (Units in Each) | | | | | | | Fiscal Year 2019 | | | | | | | | | | | | Fiscal Year 2020 | | | | | | | | | | | | B A L A N C E |
| O C C O | M F R # | FY | SERVICE | PROC QTY | ACCEP T 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 | 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) Hardware | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1) Weapons Control - Cralts Replacement (CAATS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2015 | NAVY | 50 | 50 | - | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 2 | 2016 | NAVY | 57 | 57 | - | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 2 | 2017 | NAVY | 65 | 41 | 24 | 7 | 7 | 7 | 3 | | | | | | | | | | | | | | | | | | | - | | |
| 1.2) Vibration - Vibration Analyzer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 2016 | NAVY | 80 | 80 | - | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 3 | 2017 | NAVY | 80 | 48 | 32 | 8 | 8 | 8 | 8 | | | | | | | | | | | | | | | | | | | - | | |
| 1.3) Shipboard Fire Trucks - A/S32-P-25A Fire Truck CILOP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 2013 | NAVY | 25 | 25 | - | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 4 | 2014 | NAVY | 8 | 8 | - | | | | | | | | | | | | | | | | | | | | | | | | - | |
| 1.5) S/W Loader - Next Generation Software Loader | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | 2014 | NAVY | 100 | 100 | - | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 5 | 2015 | NAVY | 104 | 104 | - | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 5 | 2016 | NAVY | 130 | 130 | - | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 5 | 2017 | NAVY | 120 | 100 | 20 | 10 | 10 | | | | | | | | | | | | | | | | | | | | | | - | |
| 1.7) Hydraulics - Hydraulic Test Stand I Level | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 | 2014 | NAVY | 10 | 10 | - | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 6 | 2015 | NAVY | 13 | 13 | - | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 6 | 2016 | NAVY | 18 | 18 | - | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 6 | 2017 | NAVY | 14 | 14 | - | | | | | | | | | | | | | | | | | | | | | | | | - | |
| 1.9) Platform Support - Air Conditioner Ship Shore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 | 2015 | NAVY | 80 | 80 | - | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 8 | 2016 | NAVY | 40 | 40 | - | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 8 | 2017 | NAVY | 59 | 59 | - | | | | | | | | | | | | | | | | | | | | | | | | - | |
| 1.11) Platform Support - Shipboard, Tractor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 142 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |

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|--|------------------|------|---------|-------------|--|------------------------------|------------------|-------------|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------------------|---|--|--|---|
| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | | | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | | Aggregated Items: A/C COMMON SUPPORT EQUIPMENT | | | | | | | | | | | | | | | |
| Items (Units in Each) | | | | | | | Fiscal Year 2019 | | | | | | | | | | Fiscal Year 2020 | | | | | | | | | | | | | | B A L A N C E | | | | |
| O C C O | M F R # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2018 | BAL DUE AS OF 1 OCT | | | | Calendar Year 2019 | | | | | | | | | | Calendar Year 2020 | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | | | |
| 10 | 2015 | NAVY | | 51 | 51 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| 10 | 2016 | NAVY | | 11 | 11 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| 1.15) Electrical - Large Capacity MEPP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 2014 | NAVY | | 100 | 100 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| 11 | 2015 | NAVY | | 113 | 113 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| 11 | 2016 | NAVY | | 95 | 95 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| 11 | 2017 | NAVY | | 43 | 43 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| 1.16) Electrical - Small Capacity MEPP (Shipboard) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 2015 | NAVY | | 5 | 5 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| 1.19) Electronic Warfare- JSECST Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 2014 | NAVY | | 69 | 69 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| 13 | 2016 | NAVY | | 75 | 75 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| 13 | 2017 | NAVY | | 17 | 17 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | | | |

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| Exhibit P-21, Production Schedule: PB 2017 Navy | | | Date: February 2016 | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | Aggregated Items: A/C COMMON SUPPORT EQUIPMENT |

| MFR Ref # | Manufacturer Name - Location | Production Rates (Each / Year) | | | Procurement Leadtime (Months) | | | | | | | |
|-----------------|--|--------------------------------|----------------|--------------|-------------------------------|--------------------|----------------------|----------------------|-----------------------|--------------------|----------------------|----------------------|
| | | MSR For 2017 | 1-8-5 For 2017 | MAX For 2017 | Initial | | | | Reorder | | | |
| | | | | | ALT Prior to Oct 1 | ALT After Oct 1 | Manufacturing PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Manufacturing PLT | Total After Oct 1 |
| 1 | SAIC - Indianapolis IN | 2 | 84 | 168 | - | 6 | 10 | 16 | - | - | - | - |
| 2 | TBD - TBD | 2 | 84 | 168 | - | 2 | 7 | 9 | - | - | - | - |
| 3 | NUWC - KEYPORT,WA | 1 | 96 | 192 | - | 9 | 6 | 15 | - | 3 | 8 | 11 |
| 4 | ENTWISTLE COMPANY - HUDSON, MA | 1 | 36 | 72 | - | 5 | 6 | 11 | - | - | - | - |
| 5 | NSWC CRANE - IN | 2 | 144 | 288 | - | 4 | 6 | 10 | - | - | - | - |
| 6 | Hydraulics International Inc. (1) ⁽⁵⁾ - CHATSWORTH CA | 1 | 24 | 48 | - | 11 | 11 | 22 | - | 5 | 6 | 11 |
| 7 | Hydraulics International Inc. (2) ⁽⁴⁾ - CHATSWORTH CA | 1 | 24 | 48 | - | 1 | 3 | 4 | - | - | - | - |
| 8 | DRS TECHNOLOGIES (1) ⁽⁷⁾ - FLORENCE, KY | 2 | 120 | 240 | - | 4 | 6 | 10 | - | 4 | 10 | 14 |
| 9 | DRS TECHNOLOGIES (2) ⁽⁶⁾ - FLORENCE, KY | 2 | 120 | 240 | - | 3 | 7 | 10 | - | - | - | - |
| 10 | Schopf - Ostfildern, Germany | 2 | 96 | 192 | - | 9 | 12 | 21 | - | 5 | 7 | 12 |
| 11 | Essex Electro Engineers, Inc - Schaumburg, IL | 3 | 180 | 360 | - | 1 | 5 | 6 | - | 1 | 2 | 3 |
| 12 | JBT CORP - OGDEN, UT | 1 | 60 | 120 | - | 1 | 4 | 5 | - | - | - | - |
| 13 | AAI Corporation - Hunt Valley, MD | 1 | 84 | 168 | - | 1 | 6 | 7 | - | 3 | 2 | 5 |

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Footnotes:

⁽⁴⁾ Hydraulics - Hydraulic Test Stand I Level: Initial Lead Time for FY14 Deliveries.

⁽⁵⁾ Hydraulics - Hydraulic Test Stand I Level: Initial Lead Time for FY15 Deliveries and out.

⁽⁶⁾ Platform Support - Air Conditioner Ship Shore: Initial Lead Time for FY15 Deliveries.

⁽⁷⁾ Platform Support - Air Conditioner Ship Shore: Initial Lead Time for FY16 Deliveries and out.

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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | Date: February 2016 | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | Aggregated Items Title: ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT | | | | |

| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
|--|-------|----------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|
| | | | 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) |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | |
| 1.1) CSE Initial Outfitting ⁽⁸⁾ | A | | - | - | 18.990 | - | - | 6.026 | - | - | 2.094 | - | - | 2.131 | - | - | - | - | - | 2.131 |
| 1.2) PSE Initial Outfitting ⁽⁹⁾ | A | | - | - | 27.319 | - | - | 5.150 | - | - | 10.057 | - | - | 10.553 | - | - | - | - | - | 10.553 |
| 1.3) New Support Equipment ⁽¹⁰⁾ | A | | - | - | 40.993 | - | - | 7.034 | - | - | 11.042 | - | - | 13.490 | - | - | - | - | - | 13.490 |
| Subtotal: 1) Hardware | | | - | - | 87.302 | - | - | 18.210 | - | - | 23.193 | - | - | 26.174 | - | - | - | - | - | 26.174 |
| 2) Production Engineering | | | | | | | | | | | | | | | | | | | | |
| 2.1) CSE Initial Outfitting | A | | - | - | 0.923 | - | - | 0.229 | - | - | 0.232 | - | - | 0.238 | - | - | - | - | - | 0.238 |
| 2.2) PSE Initial Outfitting | A | | - | - | 7.902 | - | - | 0.759 | - | - | 0.766 | - | - | 0.787 | - | - | - | - | - | 0.787 |
| 2.3) New Support Equipment | A | | - | - | 16.990 | - | - | 2.300 | - | - | 4.021 | - | - | 4.231 | - | - | - | - | - | 4.231 |
| Subtotal: 2) Production Engineering | | | - | - | 25.815 | - | - | 3.288 | - | - | 5.019 | - | - | 5.256 | - | - | - | - | - | 5.256 |
| 3) OCO | | | | | | | | | | | | | | | | | | | | |
| 3.1) Individual Material Readiness List (IMRL) OCO | A | | - | - | 10.655 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: 3) OCO | | | - | - | 10.655 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | | | - | - | 123.772 | - | - | 21.498 | - | - | 28.212 | - | - | 31.430 | - | - | - | - | - | 31.430 |

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

Footnotes:

⁽⁸⁾ Additional CSE for initial outfitting of sites due to: (a) intro of weapon systems and (b) baseloading changes for existing weapon systems/subsystems.

⁽⁹⁾ Additional PSE for initial outfitting of sites due to baseloading changed for out-of-production weapon systems and subsystems.

⁽¹⁰⁾ New SE Required for replacement of existing SE due to obsolescent and attrition.

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|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | Date: February 2016 | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | Aggregated Items Title: CONSOLIDATED AUTOMATED SUPPORT SYSTEM | | | | |

| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
|-------------------------------------|-------|----------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|
| | | | 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) |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | |
| 1.1) RT CASS | A | | 1,740K | 149 | 259.280 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.2) eCASS ^{(11)(f)} | B | | 2,522K | 36 | 90.800 | 2,516K | 28 | 70.457 | 2,567K | 35 | 89.833 | 2,618K | 28 | 73.304 | - | - | - | 2,618K | 28 | 73.304 |
| Subtotal: 1) Hardware | | | - | - | 350.080 | - | - | 70.457 | - | - | 89.833 | - | - | 73.304 | - | - | - | - | - | 73.304 |
| 2) ECP | | | | | | | | | | | | | | | | | | | | |
| 2.1) RT CASS | A | | - | - | 108.352 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.2) eCASS | B | | - | - | - | - | - | - | - | - | 0.669 | - | - | 1.093 | - | - | - | - | - | 1.093 |
| Subtotal: 2) ECP | | | - | - | 108.352 | - | - | - | - | - | 0.669 | - | - | 1.093 | - | - | - | - | - | 1.093 |
| 3) ILS | | | | | | | | | | | | | | | | | | | | |
| 3.1) RT CASS | A | | - | - | 44.920 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3.2) eCASS | B | | - | - | 19.653 | - | - | 3.429 | - | - | 3.939 | - | - | 4.390 | - | - | - | - | - | 4.390 |
| Subtotal: 3) ILS | | | - | - | 64.573 | - | - | 3.429 | - | - | 3.939 | - | - | 4.390 | - | - | - | - | - | 4.390 |
| 4) Production Engineering | | | | | | | | | | | | | | | | | | | | |
| 4.1) RT CASS | A | | - | - | 93.745 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.2) eCASS | B | | - | - | 14.047 | - | - | 4.984 | - | - | 4.383 | - | - | 4.040 | - | - | - | - | - | 4.040 |
| Subtotal: 4) Production Engineering | | | - | - | 107.792 | - | - | 4.984 | - | - | 4.383 | - | - | 4.040 | - | - | - | - | - | 4.040 |
| 5) Non FMP Installations | | | | | | | | | | | | | | | | | | | | |
| 5.1) RT CASS | A | | - | - | 29.076 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.2) eCASS | B | | - | - | 1.800 | - | - | 2.038 | - | - | 3.234 | - | - | 1.041 | - | - | - | - | - | 1.041 |
| Subtotal: 5) Non FMP Installations | | | - | - | 30.876 | - | - | 2.038 | - | - | 3.234 | - | - | 1.041 | - | - | - | - | - | 1.041 |
| 6) FMP Installations | | | | | | | | | | | | | | | | | | | | |
| 6.1) RT CASS | A | | - | - | 31.275 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6.2) eCASS | B | | - | - | 0.300 | - | - | - | - | - | 0.958 | - | - | 0.153 | - | - | - | - | - | 0.153 |
| Subtotal: 6) FMP Installations | | | - | - | 31.575 | - | - | - | - | - | 0.958 | - | - | 0.153 | - | - | - | - | - | 0.153 |
| Total | | | - | - | 693.248 | - | - | 80.908 | - | - | 103.016 | - | - | 84.021 | - | - | - | - | - | 84.021 |

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

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

Footnotes:

⁽¹¹⁾ eCASS FY16 Full Rate Production (FRP) unit cost and quantity was revised based on LRIP 3 contract negotiation and award in January 2015. FY17-FY21 procurement quantities reduced as a result of unit cost increase and Issues 50159 & 50051.

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| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | Date: February 2016 | | | | |
|---|-------------|------|---|--------------------------------------|-----------------|---------------|------------------------------|---|----------------------------------|------------------------|-------------------------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | Aggregated Items: CONSOLIDATED AUTOMATED SUPPORT SYSTEM | | | | |
| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty <small>(Each)</small> | Unit Cost <small>(\$)</small> | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1) Hardware | | | | | | | | | | | | |
| 1.2) eCASS ^{(11)(†)} | | 2013 | Lockheed Martin (LRIP 1) / Orlando, FL | C / FPIF | NAWCAD LKE | Dec 2013 | Feb 2015 | 18 | 2,500K | N | Jul 2016 | Mar 2009 |
| 1.2) eCASS ^{(11)(†)} | | 2014 | Lockheed Martin (LRIP 2) ⁽¹²⁾ / Orlando, FL | C / FPIF | NAWCAD LKE | Dec 2013 | Nov 2015 | 18 | 2,544K | N | Jul 2016 | Mar 2009 |
| 1.2) eCASS ^{(11)(†)} | | 2015 | Lockheed Martin (LRIP 3) ⁽¹³⁾ / Orlando, FL | SS / FFP | NAWCAD LKE | Jan 2015 | Aug 2016 | 28 | 2,516K | N | Jul 2016 | May 2014 |
| 1.2) eCASS ^{(11)(†)} | | 2016 | Lockheed Martin (FRP) / Orlando, FL | SS / FFP | NAWCAD LKE | Jun 2016 | Dec 2017 | 35 | 2,567K | N | Jul 2016 | Oct 2015 |
| 1.2) eCASS ^{(11)(†)} | | 2017 | Lockheed Martin (FRP) / Orlando, FL | SS / FFP | NAWCAD LKE | Jun 2017 | Dec 2018 | 28 | 2,618K | N | Jul 2016 | Oct 2015 |
| <div><div>^(†) indicates the presence of a P-21</div></div> | | | | | | | | | | | | |
| <div>Footnotes:</div> <div><div>⁽¹²⁾ Concurrent LRIP 1 & LRIP 2 award at Milestone C causes increased Mfg PLT for LRIP 2 due to prior negotiated production rates.</div><div>⁽¹³⁾ MFG PLT for LRIP 3 adjusted to provide continuity of production from LRIP 2 per contract award.</div></div> | | | | | | | | | | | | |

UNCLASSIFIED

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------|------|---------|-------------|--|------------------------------|--------------------|-------------|-------------|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|---|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|--|---|--|---------------------------------|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|
| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | | | Aggregated Items: CONSOLIDATED AUTOMATED SUPPORT SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Items <i>(Units in Each)</i> | | | | | | | Fiscal Year 2014 | | | | | | | | | | | | | | Fiscal Year 2015 | | | | | | | | | | | | | | B A L A N C E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| O C C # | M F R # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2013 | BAL DUE AS OF 1 OCT | Calendar Year 2014 | | | | | | | | | | | | | | Calendar Year 2015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1) Hardware | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.2) eCASS ⁽¹¹⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14 | 2013 | NAVY | | 18 | - | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 |

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| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | | Aggregated Items: CONSOLIDATED AUTOMATED SUPPORT SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Items <i>(Units in Each)</i> | | | | | | | | Fiscal Year 2016 | | | | | | | | | | Fiscal Year 2017 | | | | | | | | | | B A L A N C E | | | | | | | | | | | | | | | | | | |
| O C C # | M F R # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2015 | BAL DUE AS OF 1 OCT | Calendar Year 2016 | | | | | | | | | | Calendar Year 2017 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | | J U L | A U G | S E P | | | | | | | | | | | | | | | |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.2) eCASS ⁽¹¹⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14 | 2013 | NAVY | | 18 | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | | | | | | | | | | | |
| | 15 | 2014 | NAVY | | 18 | - | - | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | | | | - | | | | | | | | | | | | | |
| | 16 | 2015 | NAVY | | 28 | - | 28 | - | - | - | - | - | - | - | - | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 1 | | | - | | | | | | | | | | | | | | |
| | 17 | 2016 | NAVY | | 35 | - | 35 | | | | | | | | | | | A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 35 | | | | | | | | | | | |
| | 17 | 2017 | NAVY | | 28 | - | 28 | | | | | | | | | | | | | | | | | | | | | | | A | - | - | - | - | | | | | | | | - | - | - | - | 28 |
| | | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | | | | | | | | | | | | | |

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| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | Aggregated Items: CONSOLIDATED AUTOMATED SUPPORT SYSTEM | | | | | | | | | |

| Items (Units in Each) | | | | | | Fiscal Year 2018 | | | | | | | | | | | | Fiscal Year 2019 | | | | | | | | | | | | B A L A N C E | | |
|----------------------------|------------------|------|---------|-------------|--|------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------------------|-------------|---|
| O C C O | M F R # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2017 | BAL DUE AS OF 1 OCT | Calendar Year 2018 | | | | | | | | | | | | Calendar Year 2019 | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | | S E P | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.2) eCASS ⁽¹¹⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14 | 2013 | NAVY | 18 | 18 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 15 | 2014 | NAVY | 18 | 18 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 16 | 2015 | NAVY | 28 | 28 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 17 | 2016 | NAVY | 35 | - | 35 | - | - | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | | | | | | | | | | - | |
| | 17 | 2017 | NAVY | 28 | - | 28 | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 4 | |
| | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | |

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| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | | | | | | | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | | | | | | | | | | | Aggregated Items: CONSOLIDATED AUTOMATED SUPPORT SYSTEM | | | | | | | | | |
| Items <i>(Units in Each)</i> | | | | | | | | Fiscal Year 2020 | | | | | | | | | | | | | | Fiscal Year 2021 | | | | | | | | | | | | | | BALANCE | | |
| OCO | MFR # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2019 | BAL DUE AS OF 1 OCT | | | | Calendar Year 2020 | | | | | | | | | | | Calendar Year 2021 | | | | | | | | | | | | | | | | | |
| | | | | | | | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | | | | | | | |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.2) eCASS ⁽¹¹⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14 | 2013 | NAVY | | 18 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | | | | |
| | 15 | 2014 | NAVY | | 18 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | | | | |
| | 16 | 2015 | NAVY | | 28 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | | | | |
| | 17 | 2016 | NAVY | | 35 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | | | | |
| | 17 | 2017 | NAVY | | 24 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | |
| | | | | | | | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | | | | | | | |

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| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | Date: February 2016 | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | Aggregated Items: CONSOLIDATED AUTOMATED SUPPORT SYSTEM | |

| MFR Ref # | Manufacturer Name - Location | Production Rates (Each / Year) | | | Procurement Leadtime (Months) | | | | | | | |
|-----------------|---|--------------------------------|----------------|--------------|-------------------------------|--------------------|----------------------|----------------------|-----------------------|--------------------|----------------------|----------------------|
| | | MSR For 2017 | 1-8-5 For 2017 | MAX For 2017 | Initial | | | | Reorder | | | |
| | | | | | ALT Prior to Oct 1 | ALT After Oct 1 | Manufacturing PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Manufacturing PLT | Total After Oct 1 |
| 1 | Lockheed Martin (LRIP 1) - Orlando, FL | 12 | 18 | 24 | - | 6 | 14 | 20 | - | - | - | - |
| 2 | Lockheed Martin (LRIP 2) ⁽¹²⁾ - Orlando, FL | 12 | 18 | 24 | - | 6 | 23 | 29 | - | - | - | - |
| 3 | Lockheed Martin (LRIP 3) ⁽¹³⁾ - Orlando, FL | 24 | 30 | 36 | - | 6 | 19 | 25 | - | - | - | - |
| 4 | Lockheed Martin (FRP) - Orlando, FL | 24 | 36 | 48 | 5 | 6 | 18 | 24 | 5 | 6 | 18 | 24 |

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Footnotes:

⁽¹²⁾ Concurrent LRIP 1 & LRIP 2 award at Milestone C causes increased Mfg PLT for LRIP 2 due to prior negotiated production rates.

⁽¹³⁾ MFG PLT for LRIP 3 adjusted to provide continuity of production from LRIP 2 per contract award.

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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | Date: February 2016 | | | | | |
|--|-------|----------------|----------------|------------|-------------------|----------------|---|-------------------|----------------|------------|-------------------|----------------|------------|--|---------------------|------------|-------------------|----------------|------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | Aggregated Items Title: MOBILE MAINTENANCE FACILITIES | | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
| | | | 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) |
| 1) HARDWARE | | | | | | | | | | | | | | | | | | | | |
| 1.1) Mobile Facility Vans (14)(t) | A | | 176,397.44 | 156 | 27.518 | 50,394.74 | 38 | 1.915 | 54,066.67 | 60 | 3.244 | 59,875.00 | 16 | 0.958 | - | - | - | 59,875.00 | 16 | 0.958 |
| 1.2) Complex Decomplex Tool | A | | - | - | 0.702 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.3) Environmental Control Units (15)(t) | A | | 9,741.14 | 367 | 3.575 | 3,333.33 | 60 | 0.200 | 4,200.00 | 50 | 0.210 | - | - | - | - | - | - | - | - | - |
| 1.4) Frequency Converters | A | | - | - | 0.520 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.5) Static Mobile Frequency Converters | A | | 125,000.00 | 17 | 2.125 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.6) Tactical Quite Generator | A | | - | - | 28.473 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: 1) HARDWARE | | | - | - | 62.913 | - | - | 2.115 | - | - | 3.454 | - | - | 0.958 | - | - | - | - | - | 0.958 |
| 2) ILS | | | | | | | | | | | | | | | | | | | | |
| 2.1) Non-FMP Installations | A | | - | - | 16.197 | - | - | 1.299 | - | - | 1.292 | - | - | 1.103 | - | - | - | - | - | 1.103 |
| Subtotal: 2) ILS | | | - | - | 16.197 | - | - | 1.299 | - | - | 1.292 | - | - | 1.103 | - | - | - | - | - | 1.103 |
| 3) Production Engineering | | | | | | | | | | | | | | | | | | | | |
| 3.1) Mobile Facility Vans | A | | - | - | 24.263 | - | - | 3.669 | - | - | 2.232 | - | - | 2.174 | - | - | - | - | - | 2.174 |
| Subtotal: 3) Production Engineering | | | - | - | 24.263 | - | - | 3.669 | - | - | 2.232 | - | - | 2.174 | - | - | - | - | - | 2.174 |
| 4) Miscellaneous Support | | | | | | | | | | | | | | | | | | | | |
| 4.1) Publications | A | | - | - | 2.072 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: 4) Miscellaneous Support | | | - | - | 2.072 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | | | - | - | 105.445 | - | - | 7.083 | - | - | 6.978 | - | - | 4.235 | - | - | - | - | - | 4.235 |
| Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding. | | | | | | | | | | | | | | | | | | | | |
| (t) indicates the presence of a P-5a | | | | | | | | | | | | | | | | | | | | |
| Footnotes: | | | | | | | | | | | | | | | | | | | | |
| (14) FY17-FY21 Mobile Facility Vans quantity decreased to slow procurements due to competing resources. | | | | | | | | | | | | | | | | | | | | |
| (15) Environmental Control Unit: Procurements reduced to zero in FY17 due to production plan to build Integration Unit configuration mobile facilities which do not house Environment Control Units. Qty in FY19 and FY21 are decreased due to slow procurements due to competing resources. | | | | | | | | | | | | | | | | | | | | |

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| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | | Date: February 2016 | | | |
|--|-------------|------|---|--------------------------------------|-----------------|---------------|------------------------------|---------------|--|------------------------|-------------------------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | Aggregated Items: MOBILE MAINTENANCE FACILITIES | | | |
| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1) HARDWARE | | | | | | | | | | | | |
| 1.1) Mobile Facility Vans ⁽¹⁴⁾ | | 2015 | Gichner Shelter / Dallastown, PA | C / IDIQ | NAWCAD LKE | Feb 2015 | Aug 2015 | 38 | 50,394.74 | Y | | May 2012 |
| 1.1) Mobile Facility Vans ⁽¹⁴⁾ | | 2016 | Gichner Shelter / Dallastown, PA | C / IDDQ | NAWCAD LKE | Oct 2015 | Apr 2016 | 60 | 54,066.67 | Y | | May 2012 |
| 1.1) Mobile Facility Vans ⁽¹⁴⁾ | | 2017 | Gichner Shelter / Dallastown, PA | C / IDDQ | NAWCAD LKE | Oct 2016 | Apr 2017 | 16 | 59,875.00 | N | | May 2012 |
| 1.3) Environmental Control Units ⁽¹⁵⁾ | | 2015 | Env. Sys. / Jacksonville, FL | C / FFP | NAWCAD LKE | Feb 2015 | Jul 2015 | 60 | 3,333.33 | Y | | Nov 2011 |
| 1.3) Environmental Control Units ⁽¹⁵⁾ | | 2016 | Env. Sys. / Jacksonville, FL | C / FFP | NAWCAD LKE | Nov 2015 | Apr 2016 | 50 | 4,200.00 | Y | | Nov 2011 |

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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | Date: February 2016 | | | | | |
|---|-------|----------------|----------------|------------|-------------------|----------------|---|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|--|------------|-------------------|----------------|------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | Aggregated Items Title: GENERAL SKILLS TRAINING | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
| | | | 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) |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | |
| 1.1) A School - AME Environmental Control Systems (ECS) Trainers ^{(16)(f)} | A | | - | - | - | 8,529.41 | 17 | 0.145 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.2) A School - AB Electronic Classroom (ECR) Upgrades ^(†) | A | | - | - | - | 467,000.00 | 1 | 0.467 | - | - | - | 913,000.00 | 1 | 0.913 | - | - | - | 913,000.00 | 1 | 0.913 |
| 1.3) A School - AE Curriculum/ PC Simulation Upgrades ^(†) | A | | - | - | - | 1,293K | 1 | 1.293 | 1,717K | 1 | 1.717 | - | - | - | - | - | - | - | - | - |
| 1.4) ACTS - Expeditionary Laptop Upgrades ^{(17)(f)} | A | | - | - | - | 1,540.00 | 50 | 0.077 | 2,820.00 | 50 | 0.141 | 2,700.00 | 50 | 0.135 | - | - | - | 2,700.00 | 50 | 0.135 |
| 1.5) ACTS - CONUS/ CVN Server Upgrades ^(†) | A | | - | - | - | 11,250.00 | 4 | 0.045 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.6) ATC - 15G34 Tower Simulation System (TSS) Procurement ^(†) | A | | 173,410.26 | 39 | 6.763 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.7) ATC - 15G30 Integrated Shipboard Information System (ISIS) HW Upgrades ^(†) | A | | - | - | - | 207,000.00 | 1 | 0.207 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.8) ATC - 15G30 Integrated Shipboard Information System (ISIS) SW Upgrades ^(†) | A | | - | - | - | 163,000.00 | 1 | 0.163 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.9) ATC - Air Traffic Navigation, Integration & Coordination Sys (ATNAVICS) ^(†) | A | | - | - | - | 336,600.00 | 10 | 3.366 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.10) ATC - 15G33A Improved Precision Approach Trainer (IPART) Upgrades ^(†) | A | | - | - | - | - | - | - | - | - | - | 51,254.90 | 51 | 2.614 | - | - | - | 51,254.90 | 51 | 2.614 |
| 1.11) ATC - 15G30 Joint Precision Approach & Landing System (JPALS) Upgrades ^(†) | A | | - | - | - | - | - | - | - | - | - | 1,186K | 2 | 2.371 | - | - | - | 1,186K | 2 | 2.371 |
| | | | | | | | | | | | | | | | | | | | | |

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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | | Date: February 2016 | | | | | |
|--|-------|----------------|----------------|------------|-------------------|----------------|------------|-------------------|---|------------|-------------------|----------------|------------|-------------------|----------------|--|-------------------|----------------|------------|-------------------|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | Aggregated Items Title: GENERAL SKILLS TRAINING | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | | |
| | | | 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) | |
| 1.16) NASTP - Mixed Gas Hypoxia Chambers ^(†) | A | | - | - | - | - | - | - | 300,000.00 | 4 | 1.200 | 300,000.00 | 4 | 1.200 | - | - | - | 300,000.00 | 4 | 1.200 | |
| 1.17) NASTP - Advanced Spatial Disorientation Curricula ^{(18)(†)} | A | | - | - | - | - | - | - | 87,785.71 | 14 | 1.229 | 87,785.71 | 12 | 1.053 | - | - | - | 87,785.71 | 12 | 1.053 | |
| 1.19) NASTP - Dynamic Ejection Trainer Tech Refresh ^{(19)(†)} | A | | - | - | - | 206,000.00 | 2 | 0.412 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.21) NASTP - Virtual Reality Parachute Descent Trainer (VRPDT) Win7 Upgrades ^{(20)(†)} | A | | - | - | - | - | - | - | 21,088.24 | 34 | 0.717 | - | - | - | - | - | - | - | - | - | |
| 1.25) LSO - Training System Upgrades ^(†) | A | | 1,649K | 1 | 1.649 | 547,000.00 | 1 | 0.547 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.26) Common ASW - Interactive Multi-Sensors Analysis Trainer (IMAT) Upgrades ^(†) | A | | 2,265K | 1 | 2.265 | 75,000.00 | 1 | 0.075 | 287,000.00 | 1 | 0.287 | 85,000.00 | 1 | 0.085 | - | - | - | 85,000.00 | 1 | 0.085 | |
| 1.27) Common ASW - Tactical Acoustic Intelligence (ACINT) Product Upgrades ^(†) | A | | 158,000.00 | 1 | 0.158 | 210,000.00 | 1 | 0.210 | - | - | - | 171,000.00 | 1 | 0.171 | - | - | - | 171,000.00 | 1 | 0.171 | |
| Subtotal: 1) Hardware | | | - | - | 10.835 | - | - | 7.007 | - | - | 5.291 | - | - | 8.542 | - | - | - | - | - | 8.542 | |
| 2) ILS | | | | | | | | | | | | | | | | | | | | | |
| 2.1) A School | A | | - | - | - | - | - | 0.083 | - | - | 0.032 | - | - | - | - | - | - | - | - | - | |
| 2.2) ATC | A | | - | - | 0.445 | - | - | 0.275 | - | - | - | - | - | 0.199 | - | - | - | - | - | 0.199 | |
| 2.3) NASTP | A | | - | - | 0.563 | - | - | 0.286 | - | - | 0.601 | - | - | 0.389 | - | - | - | - | - | 0.389 | |
| 2.4) LSO | A | | - | - | 0.325 | - | - | 0.005 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 2.5) Common ASW | A | | - | - | 0.038 | - | - | 0.001 | - | - | 0.001 | - | - | 0.001 | - | - | - | - | - | 0.001 | |
| Subtotal: 2) ILS | | | - | - | 1.371 | - | - | 0.650 | - | - | 0.634 | - | - | 0.589 | - | - | - | - | - | 0.589 | |
| 3) Production Engineering | | | | | | | | | | | | | | | | | | | | | |
| 3.1) A School | A | | - | - | - | - | - | 0.256 | - | - | 0.234 | - | - | 0.061 | - | - | - | - | - | 0.061 | |
| 3.2) ACTS | A | | - | - | 0.014 | - | - | 0.003 | - | - | 0.003 | - | - | 0.003 | - | - | - | - | - | 0.003 | |
| 3.3) ATC | A | | - | - | 0.626 | - | - | 0.543 | - | - | - | - | - | 0.260 | - | - | - | - | - | 0.260 | |
| 3.4) NASTP | A | | - | - | 4.901 | - | - | 0.353 | - | - | 0.343 | - | - | 0.350 | - | - | - | - | - | 0.350 | |
| 3.5) LSO | A | | - | - | 0.868 | - | - | 0.115 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 3.6) Common ASW | A | | - | - | 1.160 | - | - | 0.413 | - | - | 0.355 | - | - | 0.333 | - | - | - | - | - | 0.333 | |

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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | Date: February 2016 | | | | | |
|---|-------|----------------|----------------|------------|-------------------|----------------|---|-------------------|----------------|------------|-------------------|----------------|------------|--|---------------------|------------|-------------------|----------------|------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | Aggregated Items Title: GENERAL SKILLS TRAINING | | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
| | | | 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: 3) Production Engineering | | | - | - | 7.569 | - | - | 1.683 | - | - | 0.935 | - | - | 1.007 | - | - | - | - | - | 1.007 |
| 4) Non Recurring | | | | | | | | | | | | | | | | | | | | |
| 4.1) Common ASW | | A | - | - | 0.006 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: 4) Non Recurring | | | - | - | 0.006 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5) Acceptance Testing | | | | | | | | | | | | | | | | | | | | |
| 5.1) A School | | A | - | - | - | - | - | 0.034 | - | - | 0.038 | - | - | - | - | - | - | - | - | - |
| 5.2) ACTS | | A | - | - | 0.040 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.3) ATC | | A | - | - | 0.034 | - | - | 0.056 | - | - | - | - | - | 0.055 | - | - | - | - | - | 0.055 |
| 5.4) NASTP | | A | - | - | 0.010 | - | - | 0.103 | - | - | 0.253 | - | - | 0.184 | - | - | - | - | - | 0.184 |
| 5.5) LSO | | A | - | - | 0.025 | - | - | 0.007 | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.6) Common ASW | | A | - | - | 0.100 | - | - | 0.001 | - | - | 0.001 | - | - | 0.001 | - | - | - | - | - | 0.001 |
| Subtotal: 5) Acceptance Testing | | | - | - | 0.209 | - | - | 0.201 | - | - | 0.292 | - | - | 0.240 | - | - | - | - | - | 0.240 |
| 6) Production Support | | | | | | | | | | | | | | | | | | | | |
| 6.1) A School ⁽²¹⁾ | | A | - | - | - | - | - | 0.110 | - | - | 0.169 | - | - | 0.026 | - | - | - | - | - | 0.026 |
| 6.2) ACTS | | A | - | - | 0.645 | - | - | 0.033 | - | - | 0.035 | - | - | 0.035 | - | - | - | - | - | 0.035 |
| 6.3) ATC | | A | - | - | 1.524 | - | - | 0.629 | - | - | - | - | - | 0.456 | - | - | - | - | - | 0.456 |
| 6.4) NASTP | | A | - | - | 1.083 | - | - | 0.314 | - | - | 0.273 | - | - | 0.204 | - | - | - | - | - | 0.204 |
| 6.5) LSO | | A | - | - | 0.557 | - | - | 0.025 | - | - | - | - | - | - | - | - | - | - | - | - |
| 6.6) Common ASW | | A | - | - | 0.176 | - | - | 0.003 | - | - | 0.034 | - | - | 0.034 | - | - | - | - | - | 0.034 |
| Subtotal: 6) Production Support | | | - | - | 3.985 | - | - | 1.114 | - | - | 0.511 | - | - | 0.755 | - | - | - | - | - | 0.755 |
| Total | | | - | - | 23.975 | - | - | 10.655 | - | - | 7.663 | - | - | 11.133 | - | - | - | - | - | 11.133 |

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

(†) indicates the presence of a P-5a

Footnotes:

⁽¹⁶⁾ Applies to all Hardware Upgrades: Total quantity and cost of device upgrades may vary year to year.

⁽¹⁷⁾ All Items: Due to multiple Requiring Financial Managers (RFMs) in prior years, detailed breakout of prior year data is not available

⁽¹⁸⁾ Renaming: NASTP - Advanced Spatial Disorientation Devices to NASTP - Advanced Spatial Disorientation Curricula

⁽¹⁹⁾ Renaming: NASTP - Dynamic Ejection Trainer to NASTP - Dynamic Ejection Trainer Tech Refresh

⁽²⁰⁾ Renaming: NASTP - Virtual Reality Parachute Descent Trainer (VRPDT) Tech Refresh to NASTP - Virtual Reality Parachute Descent Trainer (VRPDT) Windows 7 Upgrade

⁽²¹⁾ FY15 Production Support includes a one time Front End Analysis.

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| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | | Date: February 2016 | | | |
|---|-------------|------|---|--|-----------------|---------------|------------------------------|---------------|---|------------------------|-------------------------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | Aggregated Items: GENERAL SKILLS TRAINING | | | |
| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1) Hardware | | | | | | | | | | | | |
| 1.1) A School - AME Environmental Control Systems (ECS) Trainers (16) | | 2015 | NAWCTSD / Orlando, FL | PO | NAWCTSD | Mar 2015 | Jun 2015 | 17 | 8,529.41 | Y | | |
| 1.2) A School - AB Electronic Classroom (ECR) Upgrades | | 2015 | T.J. Drafting & Design Corp / Pensacola, FL | C / FFP | NAWCTSD | Mar 2015 | Jun 2015 | 1 | 467,000.00 | Y | | Jan 2015 |
| 1.2) A School - AB Electronic Classroom (ECR) Upgrades | | 2017 | T.J. Drafting & Design Corp / Pensacola, FL | C / FFP | NAWCTSD | Dec 2016 | Apr 2017 | 1 | 913,000.00 | Y | | Oct 2016 |
| 1.3) A School - AE Curriculum/PC Simulation Upgrades | | 2015 | Sonalysts Inc. / Waterford, CT | C / CPFF | NAVSUP | Sep 2015 | Jul 2016 | 1 | 1,293K | Y | | Jun 2015 |
| 1.3) A School - AE Curriculum/PC Simulation Upgrades | | 2016 | Sonalysts Inc. / Waterford, CT | C / CPFF | NAVSUP | Feb 2016 | Aug 2016 | 1 | 1,717K | Y | | Nov 2015 |
| 1.4) ACTS - Expeditionary Laptop Upgrades (17) | | 2015 | SAI Systems / Shelton, CT | C / FFP | NAVSUP | Jun 2015 | Jul 2015 | 50 | 1,540.00 | Y | | Apr 2015 |
| 1.4) ACTS - Expeditionary Laptop Upgrades (17) | | 2016 | TBD / TBD | C / FFP | NAVSUP | Apr 2016 | May 2016 | 50 | 2,820.00 | Y | | Apr 2016 |
| 1.4) ACTS - Expeditionary Laptop Upgrades (17) | | 2017 | TBD / TBD | C / FFP | TBD | Apr 2017 | May 2017 | 50 | 2,700.00 | Y | | Feb 2017 |
| 1.5) ACTS - CONUS/CVN Server Upgrades | | 2015 | Diltex Inc. / West Covina, CA | C / FFP | NAVSUP | Apr 2015 | May 2015 | 4 | 11,250.00 | Y | | Apr 2015 |
| 1.6) ATC - 15G34 Tower Simulation System (TSS) Procurement | | 2013 | UFA Inc / Gathersburg, MD | C / FFP | NAWCTSD | Aug 2013 | Oct 2015 | 13 | 178,615.38 | Y | | Aug 2012 |
| 1.6) ATC - 15G34 Tower Simulation System (TSS) Procurement | | 2014 | UFA Inc (1) / Gathersburg, MD | C / FFP | NAWCTSD | Mar 2014 | Feb 2016 | 1 | 171,000.00 | Y | | Nov 2013 |
| 1.7) ATC - 15G30 Integrated Shipboard Information System (ISIS) HW Upgrades | | 2015 | NAWCTSD / Orlando, FL | PO | NAWCTSD | Dec 2015 | Mar 2016 | 1 | 207,000.00 | Y | | |
| 1.8) ATC - 15G30 Integrated Shipboard Information System (ISIS) SW Upgrades | | 2015 | NAWCAD / Lakehurst, NJ | PO | Lakehurst, NJ | Oct 2015 | Mar 2016 | 1 | 163,000.00 | Y | | |
| 1.9) ATC - Air Traffic Navigation, Integration & Coordination Sys (ATNAVICS) | | 2015 | TBD / TBD | C / FFP | NAWCTSD | Aug 2016 | Jan 2018 | 10 | 336,600.00 | N | Jan 2016 | Feb 2016 |
| 1.10) ATC - 15G33A Improved Precision Approach Trainer (IPART) Upgrades | | 2017 | TBD / TBD | TBD | NAWCTSD | Jun 2017 | May 2018 | 51 | 51,254.90 | Y | | Mar 2017 |
| 1.11) ATC - 15G30 Joint Precision Approach & Landing System (JPALS) Upgrades | | 2017 | TBD / TBD | TBD | NAWCTSD | Jun 2017 | Aug 2018 | 2 | 1,186K | N | Feb 2017 | Mar 2017 |

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| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | | Date: February 2016 | | | |
|---|----------------------|-----------|--|--|------------------------|-----------------------|---------------------------------------|-----------------------|---|---------------------------------|--|---------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | Aggregated Items: GENERAL SKILLS TRAINING | | | |
| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1.16) NASTP - Mixed Gas Hypoxia Chambers | | 2016 | TBD / TBD | C / FFP | NAWCTSD | Feb 2016 | May 2016 | 4 | 300,000.00 | N | Oct 2015 | Dec 2015 |
| 1.16) NASTP - Mixed Gas Hypoxia Chambers | | 2017 | TBD / TBD | C / FFP | NAWCTSD | Feb 2017 | May 2017 | 4 | 300,000.00 | N | Oct 2016 | Dec 2016 |
| 1.17) NASTP - Advanced Spatial Disorientation Curricula ⁽¹⁸⁾ | | 2016 | TBD / TBD | C / FFP | NAWCTSD | Apr 2016 | May 2016 | 14 | 87,785.71 | N | Oct 2015 | Dec 2015 |
| 1.17) NASTP - Advanced Spatial Disorientation Curricula ⁽¹⁸⁾ | | 2017 | TBD / TBD | C / FFP | NAWCTSD | Apr 2017 | May 2017 | 12 | 87,785.71 | N | Oct 2016 | Dec 2016 |
| 1.19) NASTP - Dynamic Ejection Trainer Tech Refresh ⁽¹⁹⁾ | | 2015 | NAWCTSD / Orlando, FL | PO | NAWCTSD | Oct 2015 | Sep 2016 | 2 | 206,000.00 | Y | | |
| 1.21) NASTP - Virtual Reality Parachute Descent Trainer (VRPDT) Win7 Upgrades ⁽²⁰⁾ | | 2016 | TBD / TBD | C / TBD | NAWCTSD | May 2016 | Jun 2016 | 34 | 21,088.24 | N | Oct 2015 | Feb 2016 |
| 1.25) LSO - Training System Upgrades | | 2015 | TBD / TBD | C / FFP | NAWCTSD | Jun 2016 | Dec 2016 | 1 | 547,000.00 | Y | | Feb 2016 |
| 1.26) Common ASW - Interactive Multi-Sensors Analysis Trainer (IMAT) Upgrades | | 2015 | General Dynamics IT Division / Fairfax, VA | C / CPFF | NSWC Carderock | May 2015 | May 2016 | 1 | 75,000.00 | Y | | May 2012 |
| 1.26) Common ASW - Interactive Multi-Sensors Analysis Trainer (IMAT) Upgrades | | 2016 | General Dynamics IT Division / Fairfax, VA | C / CPFF | NSWC Carderock | May 2016 | May 2017 | 1 | 287,000.00 | Y | | May 2012 |
| 1.26) Common ASW - Interactive Multi-Sensors Analysis Trainer (IMAT) Upgrades | | 2017 | General Dynamics IT Division / Fairfax, VA | C / CPFF | NSWC Carderock | May 2017 | May 2018 | 1 | 85,000.00 | Y | | May 2012 |
| 1.27) Common ASW - Tactical Acoustic Intelligence (ACINT) Product Upgrades | | 2015 | Office of Naval Intelligence (ONI) / DC | PO | ONI | Dec 2014 | Nov 2015 | 1 | 210,000.00 | Y | | |
| 1.27) Common ASW - Tactical Acoustic Intelligence (ACINT) Product Upgrades | | 2017 | Office of Naval Intelligence (ONI) / DC | PO | ONI | Dec 2016 | Nov 2017 | 1 | 171,000.00 | Y | | |

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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | Date: February 2016 | | | | | |
|---|-------|----------------|----------------|------------|-------------------|----------------|---|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|-------------------------------------|------------|-------------------|----------------|------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | Aggregated Items Title: TOPSCENE | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
| | | | 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) |
| 1) Mission Rehearsal Pre-Planned (Topscene) | | | | | | | | | | | | | | | | | | | | |
| 1.1) Product Improvement ^(†) | A | | 1,263K | 4 | 5.051 | 863,000.00 | 1 | 0.863 | 1,173K | 1 | 1.173 | - | - | - | - | - | - | - | - | - |
| Subtotal: 1) Mission Rehearsal Pre-Planned (Topscene) | | | - | - | 5.051 | - | - | 0.863 | - | - | 1.173 | - | - | - | - | - | - | - | - | - |
| 2) ILS | | | | | | | | | | | | | | | | | | | | |
| 2.1) Topscene | A | | - | - | 0.891 | - | - | 0.242 | - | - | 0.244 | - | - | - | - | - | - | - | - | - |
| Subtotal: 2) ILS | | | - | - | 0.891 | - | - | 0.242 | - | - | 0.244 | - | - | - | - | - | - | - | - | - |
| 3) Acceptance Testing | | | | | | | | | | | | | | | | | | | | |
| 3.1) Topscene | A | | - | - | 1.411 | - | - | 0.380 | - | - | 0.368 | - | - | - | - | - | - | - | - | - |
| Subtotal: 3) Acceptance Testing | | | - | - | 1.411 | - | - | 0.380 | - | - | 0.368 | - | - | - | - | - | - | - | - | - |
| Total | | | - | - | 7.353 | - | - | 1.485 | - | - | 1.785 | - | - | - | - | - | - | - | - | - |

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

^(†) indicates the presence of a P-5a

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| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | Date: February 2016 | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | Aggregated Items: TOPSCENE | | | | |
| Item Number / Title [DODIC] | OCO | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty <small>(Each)</small> | Unit Cost <small>(\$)</small> | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1) Mission Rehearsal Pre-Planned (Topscene) | | | | | | | | | | | | |
| 1.1) Product Improvement | | 2013 | SAIC / San Diego, CA | SS / FFP | Redstone Arsenal, AL | Mar 2013 | Jun 2014 | 1 | 1,162K | Y | | Nov 2012 |
| 1.1) Product Improvement | | 2014 | SAIC / San Diego, CA | SS / FFP | Redstone Arsenal, AL | Mar 2014 | Jun 2015 | 1 | 1,624K | Y | | Nov 2013 |
| 1.1) Product Improvement | | 2015 | LOCKHEED MARTIN / Dallas, TX | SS / FFP | Navair | Sep 2015 | Dec 2016 | 1 | 863,000.00 | Y | | Nov 2014 |
| 1.1) Product Improvement | | 2016 | LOCKHEED MARTIN / Dallas, TX | SS / FFP | Navair | Mar 2016 | Jun 2017 | 1 | 1,173K | Y | | Nov 2014 |
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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | Date: February 2016 | | | | | |
|---|-------|----------------|----------------|------------|-------------------|----------------|------------|---|----------------|------------|-------------------|----------------|------------|-------------------|--|------------|-------------------|----------------|------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | Aggregated Items Title: OTHER FLIGHT TRAINING | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
| | | | 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) |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | |
| 1.1) CNATRA - T-45 Operational Flight Trainer (OFT) Upgrades (22)(†) | A | | 12,354K | 1 | 12.354 | - | - | - | - | - | - | 4,323K | 1 | 4.323 | - | - | - | 4,323K | 1 | 4.323 |
| 1.2) CNATRA - TH-57 Projectors | A | | 1,145K | 1 | 1.145 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.3) CNATRA - T-6 Win 10 Upgrades (23)(†) | A | | - | - | - | - | - | - | 11,900K | 1 | 11.900 | - | - | - | - | - | - | - | - | - |
| 1.4) CNATRA - T-6 IOS Joystick & Throttle Mod Upgrades(†) | A | | - | - | - | - | - | - | 11,000.00 | 1 | 0.011 | - | - | - | - | - | - | - | - | - |
| 1.5) CNATRA- T-45 Win 10 Image Gen Sys Servers Upgrades (24)(†) | A | | - | - | - | - | - | - | 3,041K | 1 | 3.041 | - | - | - | - | - | - | - | - | - |
| 1.6) CNATRA - T-45 Win 10 Instructor Operator Station Computer Upgrades (25)(†) | A | | - | - | - | - | - | - | 1,643K | 1 | 1.643 | - | - | - | - | - | - | - | - | - |
| 1.7) CNATRA - T-45 Win 10 Aural Cues Computers Upgrades (26)(†) | A | | - | - | - | - | - | - | 434,000.00 | 1 | 0.434 | - | - | - | - | - | - | - | - | - |
| 1.8) CNATRA - T-45 UMFO - Win 10 Aural Cues Computers Upgrades (27)(†) | A | | - | - | - | - | - | - | 462,000.00 | 1 | 0.462 | - | - | - | - | - | - | - | - | - |
| 1.9) CNATRA - T-45 Win 10 Virtual IO SW Upgrades(†) | A | | - | - | - | - | - | - | 57,000.00 | 1 | 0.057 | - | - | - | - | - | - | - | - | - |
| 1.10) E-6 - Interactive Avionic Trainer Rehost(†) | A | | - | - | - | 1,754K | 1 | 1.754 | 2,061K | 1 | 2.061 | 2,008K | 1 | 2.008 | - | - | - | 2,008K | 1 | 2.008 |
| 1.12) E-6 - Windows 7 Upgrades(†) | A | | - | - | - | - | - | - | 48,166.67 | 12 | 0.578 | - | - | - | - | - | - | - | - | - |
| 1.13) EP-3 - 10H1 Device Upgrades(†) | A | | 1,052K | 2 | 2.103 | 3,021K | 1 | 3.021 | 339,000.00 | 1 | 0.339 | - | - | - | - | - | - | - | - | - |
| 1.14) FA-18 - Equipment Modernization(†) | A | | 5,141K | 3 | 15.422 | 4,508K | 1 | 4.508 | 3,935K | 1 | 3.935 | 3,649K | 1 | 3.649 | - | - | - | 3,649K | 1 | 3.649 |

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| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | | Aggregated Items Title: OTHER FLIGHT TRAINING | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | | |
| | | | 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) | |
| 1.15) P-3C - 2F179A TORT Windows 7 Upgrades ^(†) | A | | 218,666.67 | 3 | 0.656 | 150,000.00 | 1 | 0.150 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.16) P-3C - 14B59 FDT Windows 7 Upgrades ^(†) | A | | - | - | - | 150,000.00 | 2 | 0.300 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.17) P-3C - 2F87 OFT Tech Refresh ^(†) | A | | - | - | - | 462,000.00 | 2 | 0.924 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.18) P-3C - 2F179A TORT Tech Refresh ^(†) | A | | - | - | - | 504,500.00 | 2 | 1.009 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.19) UMFO Training - MCS Block 1B ^(†) | A | | - | - | - | 1,932K | 2 | 3.863 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.20) USMC Fed Sim - Aviation Dist Virtual Trng Environ (ADVTE) Tech Upgrades ^(†) | A | | 172,000.00 | 1 | 0.172 | 4,901K | 1 | 4.901 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.21) USMC Fed Sim - Marine Common Aircrew Trainer (MCAT) Upgrades ⁽²⁸⁾ | A | | 950,000.00 | 1 | 0.950 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.22) USMC Fed Sim - MCAT Containerized Flight Trng Dev (CFTD) ^(†) | A | | 10,602K | 1 | 10.602 | 10,602K | 3 | 31.807 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.23) USMC Fed Sim - MCAT GFE UH-1Y Weapons Mounts ^(†) | A | | - | - | - | 217,375.00 | 8 | 1.739 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.24) USMC Fed Sim - MCAT GFE CH-53 Weapons Mounts ^(†) | A | | - | - | - | 163,250.00 | 8 | 1.306 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.25) USMC Fed Sim - MCAT GFE MV-22 Weapons Mounts ^(†) | A | | - | - | - | 69,250.00 | 8 | 0.554 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.26) USMC Fed Sim - CH-53E CFTD Upgrades ^{(29)(†)} | A | | - | - | - | - | - | - | - | - | - | 6,821K | 1 | 6.821 | - | - | - | 6,821K | 1 | 6.821 | |
| 1.27) USMC Fed Sim - CH-53E Aircrew Procedure Trnr 2F190-2/2F190-1 Upgrades ^{(30)(†)} | A | | 4,308K | 2 | 8.616 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.28) USMC Fed Sim - CH-53E APT 2F171 Upgrades ^(†) | A | | - | - | - | - | - | - | - | - | - | 3,294K | 1 | 3.294 | - | - | - | 3,294K | 1 | 3.294 | |

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| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | Aggregated Items Title: OTHER FLIGHT TRAINING | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
| | | | 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) |
| 1.29) USMC Fed Sim - CH-53E 2F174-1&2 Weapon Sys Trnr (WST) Visual Upgrades ^{(31)(t)} | A | | 6,372K | 1 | 6.372 | 4,339K | 1 | 4.339 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.30) USMC Fed Sim - KC-130J Upgrades ⁽³²⁾ | A | | 13,556K | 1 | 13.556 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.31) USMC Fed Sim - KC-130J Motion and Visual System Upgrades ^{(33)(t)} | A | | - | - | - | - | - | - | 19,168K | 1 | 19.168 | - | - | - | - | - | - | - | - | - |
| 1.32) USMC Fed Sim - AH-1Z Flight Training Device (FTD) Tech/Visual Upgrades | A | | 32,000.00 | 1 | 0.032 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.33) USMC Fed Sim - AH-1Z Full Flight Simulator (FFS) Tech/ Visual Upgrades ⁽³⁴⁾ | A | | 7,329K | 1 | 7.329 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.34) USMC Fed Sim - UH-1Y Flight Training Device (FTD) Tech/Visual Upgrades ⁽³⁵⁾ | A | | 7,530K | 1 | 7.530 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.35) USMC Fed Sim - UH-1Y Full Flight Simulator (FFS) Tech/ Visual Upgrades ⁽³⁶⁾ | A | | 8,192K | 1 | 8.192 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.36) USMC Fed Sim - MV-22 CFTD Tech/ Visual Upgrades ^{(37)(t)} | A | | - | - | - | - | - | - | - | - | - | 5,794K | 4 | 23.178 | - | - | - | 5,794K | 4 | 23.178 |
| 1.38) USMC Fed Sim - FA-18 TOFT 16/28/30/31/32/33/34/35/36/ 37/38/40 Upgrades ^(t) | A | | - | - | - | - | - | - | - | - | - | 3,178K | 6 | 19.068 | - | - | - | 3,178K | 6 | 19.068 |
| 1.39) USMC Fed Sim - FA-18 TOFT (Japan) Upgrades ^(t) | A | | - | - | - | 1,411K | 2 | 2.822 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.40) USMC Fed Sim - AV-8B 2F150A/B/C/ D/E WST Tech/Visual Upgrades ^{(38)(t)} | A | | - | - | - | - | - | - | - | - | - | 4,612K | 1 | 4.612 | - | - | - | 4,612K | 1 | 4.612 |
| 1.41) USMC Fed Sim - AV-8B Maintenance Trainer Upgrades ^(t) | A | | 921,250.00 | 4 | 3.685 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | Aggregated Items Title: OTHER FLIGHT TRAINING | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | | |
| | | | 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) | |
| 1.42) USMC Fed Sim - AV-8B Deployable Mission Rehearsal Trainer ^(†) | A | | - | - | - | 1,575K | 3 | 4.725 | 1,575K | 7 | 11.024 | - | - | - | - | - | - | - | - | - | |
| 1.43) USMC Fed Sim - VH-3/60 Upgrades ^{(39)(†)} | A | | 909,000.00 | 1 | 0.909 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.44) USMC Fed Sim - VH-3/60 APT Visual Database Upgrades ^(†) | A | | 995,000.00 | 1 | 0.995 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.46) USMC Fed Sim - USMC Training Continuum Integration Upgrades | A | | 140,500.00 | 2 | 0.281 | - | - | 0.145 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.47) USMC Fed Sim - CH-53E TCI Basic Training Courseware Upgrades ^(†) | A | | - | - | - | 279,000.00 | 1 | 0.279 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.48) E-2/C-2 - E2 Weapons Systems Trainer (WST) Tech Upgrades ^(†) | A | | - | - | - | - | - | - | - | - | - | 1,673K | 2 | 3.346 | - | - | - | 1,673K | 2 | 3.346 | |
| 1.49) E-2/C-2 - C2 Operational Flight Trainer (OFT) Tech Upgrades ^{(40)(†)} | A | | 5,975K | 1 | 5.975 | - | - | - | 3,465K | 1 | 3.465 | - | - | - | - | - | - | - | - | - | |
| 1.50) E-2/C-2 - Enhanced Distributed Readiness Trainer (EDRT) Tech Upgrades ^(†) | A | | 136,250.00 | 4 | 0.545 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.53) MH-53 - Air Mine Countermeasure Stream & Recovery Mod (ASRM) Upgrades ^(†) | A | | 807,500.00 | 2 | 1.615 | - | - | - | - | - | - | 350,000.00 | 1 | 0.350 | - | - | - | 350,000.00 | 1 | 0.350 | |
| 1.54) MH-53 - 2H165 Air Mine Countermeasure (AVCM) Config Trainer Upgrades ^(†) | A | | 1,033K | 1 | 1.033 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.55) MH-53 - 2H165 Cargo Trainer Upgrades ^(†) | A | | 632,000.00 | 1 | 0.632 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.56) MH-53 - 2F141 Operational | A | | - | - | - | - | - | - | 628,000.00 | 1 | 0.628 | 234,000.00 | 1 | 0.234 | - | - | - | 234,000.00 | 1 | 0.234 | |

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| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | Aggregated Items Title: OTHER FLIGHT TRAINING | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
| | | | 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) |
| Flight Trainer (OFT) Upgrades ^(†) | | | | | | | | | | | | | | | | | | | | |
| 1.57) MH-53 - 2H162 Enhanced Aircrew External Trainer Upgrades ^(†) | A | | 662,000.00 | 1 | 0.662 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.58) NASMP - Navy Continuous Training Environment (NCTE) Nodes Upgrades ^(†) | A | | 375,000.00 | 3 | 1.125 | - | - | - | 375,000.00 | 2 | 0.750 | 375,000.00 | 2 | 0.750 | - | - | - | 375,000.00 | 2 | 0.750 |
| 1.59) NASMP - MH-60S Aircrew Virtual Environment Trainer (AVET) ^(†) | A | | 12,969K | 1 | 12.969 | 6,239K | 1 | 6.239 | 6,046K | 2 | 12.093 | - | - | - | - | - | - | - | - | - |
| 1.61) NASMP - H-60S Technology Refresh Upgrades ^{(41)(†)} | A | | 22,925K | 1 | 22.925 | - | - | - | - | - | - | 5,821K | 1 | 5.821 | - | - | - | 5,821K | 1 | 5.821 |
| 1.62) NASMP - H-60R Technology Refresh Upgrades ^{(42)(†)} | A | | 11,717K | 1 | 11.717 | - | - | - | 15,464K | 1 | 15.464 | - | - | - | - | - | - | - | - | - |
| 1.63) NASMP - MH-60R Naval Aircrew Training Systems (NATS) ^(†) | A | | 9,720K | 2 | 19.440 | 8,132K | 1 | 8.132 | - | - | - | 8,132K | 1 | 8.132 | - | - | - | 8,132K | 1 | 8.132 |
| 1.65) NASMP - MH-60 Threat Attributes Production (JSAF) | A | | 798,000.00 | 1 | 0.798 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.66) NASMP - FA/EA-18 - System Fidelity Upgrades (TECR) ^{(43)(†)} | A | | 15,434K | 1 | 15.434 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.67) NASMP - FA/EA-18 NGTS v3.2 Upgrades ^(†) | A | | - | - | - | - | - | - | - | - | - | 2,000K | 1 | 2.000 | - | - | - | 2,000K | 1 | 2.000 |
| 1.68) NASMP - FA/EA-18 Visual Display Upgrades ^{(44)(†)} | A | | 1,367K | 11 | 15.036 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.71) NASMP - FA/EA-18 Seat Upgrades ^{(45)(†)} | A | | - | - | - | 1,085K | 10 | 10.847 | 1,085K | 2 | 2.170 | 982,500.00 | 8 | 7.860 | - | - | - | 982,500.00 | 8 | 7.860 |
| 1.72) NASMP - FA/EA-18 Blue Forces Visual Data Base (VDB) Upgrades ^(†) | A | | - | - | - | - | - | - | 1,400K | 1 | 1.400 | - | - | - | - | - | - | - | - | - |

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| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | Aggregated Items Title: OTHER FLIGHT TRAINING | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
| | | | 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) |
| 1.73) NASMP - FA/EA-18 Threat Visual Data Base (VDB) Upgrades ^(†) | A | | - | - | - | - | - | - | - | - | - | 4,000K | 1 | 4.000 | - | - | - | 4,000K | 1 | 4.000 |
| 1.75) NASMP - FA/EA-18 Airborne Electronic Attack (AEA) Model Upgrades ^{(46)(†)} | A | | - | - | - | - | - | - | 5,778K | 1 | 5.778 | - | - | - | - | - | - | - | - | - |
| 1.76) NASMP - FA/EA-18 APG-79 Upgrades ^(†) | A | | - | - | - | - | - | - | - | - | - | 4,000K | 1 | 4.000 | - | - | - | 4,000K | 1 | 4.000 |
| 1.78) NASMP - FA/EA-18 SAN Disk Upgrades ^{(47)(†)} | A | | 569,695.65 | 23 | 13.103 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.79) NASMP - FA/EA-18 Cockpit HW Upgrades ^(†) | A | | - | - | - | - | - | - | - | - | - | 308,217.39 | 23 | 7.089 | - | - | - | 308,217.39 | 23 | 7.089 |
| 1.81) NASMP - FA/EA-18 NASMP 1.4 / Fleet Synthetic Training (FST) Upgrades ^(†) | A | | - | - | - | - | - | - | 2,294K | 1 | 2.294 | - | - | - | - | - | - | - | - | - |
| 1.82) NASMP - FA/EA-18 Malfunctions Fidelity Upgrades ^(†) | A | | - | - | - | - | - | - | - | - | - | 2,000K | 1 | 2.000 | - | - | - | 2,000K | 1 | 2.000 |
| 1.83) NASMP - FA/EA-18 Aural Cueing HW Upgrades ^{(48)(†)} | A | | - | - | - | 347,826.09 | 23 | 8.000 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.84) NASMP - FA/EA-18 MIDS Fidelity Upgrades ^(†) | A | | - | - | - | - | - | - | - | - | - | 3,000K | 1 | 3.000 | - | - | - | 3,000K | 1 | 3.000 |
| 1.86) NASMP - FA/EA-18 Next Generation Threat System (NGTS) V3.2 Upgrades ^{(49)(†)} | A | | - | - | - | - | - | - | 6,000K | 1 | 6.000 | - | - | - | - | - | - | - | - | - |
| 1.87) NASMP - FA/EA-18 Windows 7 Upgrades ^(†) | A | | 1,499K | 1 | 1.499 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.88) NASMP - FA/EA-18 - TOFT Mission Upgrades ^(†) | A | | - | - | - | - | - | - | 3,000K | 1 | 3.000 | - | - | - | - | - | - | - | - | - |
| 1.89) NASMP - Common Acoustic | A | | - | - | - | - | - | - | 15,400K | 1 | 15.400 | - | - | - | - | - | - | - | - | - |

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| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | Aggregated Items Title: OTHER FLIGHT TRAINING | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
| | | | 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) |
| Simulation Environment (CASE) Upgrades ^{(50)(t)} | | | | | | | | | | | | | | | | | | | | |
| 1.99) LVC - FA-18 OFP Training System Upgrades ^{(51)(t)} | A | | - | - | - | - | - | - | 3,846K | 1 | 3.846 | 11,779K | 1 | 11.779 | - | - | - | 11,779K | 1 | 11.779 |
| 1.100) LVC - Next Generation Threat System Upgrades ^(t) | A | | - | - | - | - | - | - | 2,148K | 1 | 2.148 | - | - | - | - | - | - | - | - | - |
| Subtotal: 1) Hardware | | | - | - | 225.409 | - | - | 101.364 | - | - | 129.089 | - | - | 127.314 | - | - | - | - | - | 127.314 |
| 2) ILS | | | | | | | | | | | | | | | | | | | | |
| 2.1) CNATRA ⁽⁵²⁾ | A | | - | - | 0.638 | - | - | - | - | - | 0.905 | - | - | 1.011 | - | - | - | - | - | 1.011 |
| 2.2) E-6 ⁽⁵³⁾ | A | | - | - | 0.341 | - | - | 0.038 | - | - | 0.097 | - | - | 0.057 | - | - | - | - | - | 0.057 |
| 2.3) EP-3 | A | | - | - | 0.151 | - | - | 0.058 | - | - | 0.144 | - | - | - | - | - | - | - | - | - |
| 2.4) FA-18 | A | | - | - | 0.805 | - | - | 0.083 | - | - | 0.088 | - | - | 0.093 | - | - | - | - | - | 0.093 |
| 2.5) P-3C | A | | - | - | 0.242 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.6) UMFO Training | A | | - | - | 0.675 | - | - | 0.420 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.7) USMC Federation Simulators | A | | - | - | 7.501 | - | - | 1.718 | - | - | 1.728 | - | - | 1.666 | - | - | - | - | - | 1.666 |
| 2.8) E-2/C-2 | A | | - | - | 0.760 | - | - | - | - | - | 0.198 | - | - | 0.125 | - | - | - | - | - | 0.125 |
| 2.9) MH-53 | A | | - | - | 0.757 | - | - | - | - | - | 0.158 | - | - | 0.160 | - | - | - | - | - | 0.160 |
| 2.10) NASMP | A | | - | - | 4.994 | - | - | 1.996 | - | - | 2.079 | - | - | 1.819 | - | - | - | - | - | 1.819 |
| 2.11) LVC | A | | - | - | - | - | - | - | - | - | 0.046 | - | - | 0.196 | - | - | - | - | - | 0.196 |
| Subtotal: 2) ILS | | | - | - | 16.864 | - | - | 4.313 | - | - | 5.443 | - | - | 5.127 | - | - | - | - | - | 5.127 |
| 3) Production Engineering | | | | | | | | | | | | | | | | | | | | |
| 3.1) CNATRA | A | | - | - | 2.515 | - | - | - | - | - | 2.634 | - | - | 1.728 | - | - | - | - | - | 1.728 |
| 3.2) E-6 | A | | - | - | 1.644 | - | - | 0.428 | - | - | 0.471 | - | - | 0.386 | - | - | - | - | - | 0.386 |
| 3.3) EP-3 | A | | - | - | 0.610 | - | - | 0.154 | - | - | 0.149 | - | - | - | - | - | - | - | - | - |
| 3.4) FA-18 | A | | - | - | 9.803 | - | - | 1.954 | - | - | 2.325 | - | - | 2.294 | - | - | - | - | - | 2.294 |
| 3.5) P-3C | A | | - | - | 0.666 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3.6) UMFO Training | A | | - | - | 3.706 | - | - | 0.841 | - | - | - | - | - | - | - | - | - | - | - | - |
| 3.7) USMC Federation Simulators | A | | - | - | 24.499 | - | - | 5.541 | - | - | 3.979 | - | - | 3.255 | - | - | - | - | - | 3.255 |
| 3.8) E-2/C-2 | A | | - | - | 1.843 | - | - | - | - | - | 0.227 | - | - | 0.237 | - | - | - | - | - | 0.237 |
| 3.9) MH-53 | A | | - | - | 1.343 | - | - | - | - | - | 0.304 | - | - | 0.289 | - | - | - | - | - | 0.289 |
| 3.10) NASMP | A | | - | - | 49.404 | - | - | 13.745 | - | - | 11.446 | - | - | 11.537 | - | - | - | - | - | 11.537 |
| 3.11) LVC | A | | - | - | - | - | - | - | - | - | 1.192 | - | - | 1.423 | - | - | - | - | - | 1.423 |
| Subtotal: 3) Production Engineering | | | - | - | 96.033 | - | - | 22.663 | - | - | 22.727 | - | - | 21.149 | - | - | - | - | - | 21.149 |
| 4) Acceptance Testing | | | | | | | | | | | | | | | | | | | | |

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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | Date: February 2016 | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | Aggregated Items Title: OTHER FLIGHT TRAINING | | | | |

| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
|--|-------|----------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|
| | | | 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) |
| 4.1) CNATRA | A | | - | - | 0.279 | - | - | - | - | - | 0.452 | - | - | 0.505 | - | - | - | - | - | 0.505 |
| 4.2) E-6 | A | | - | - | 0.089 | - | - | 0.020 | - | - | 0.071 | - | - | 0.039 | - | - | - | - | - | 0.039 |
| 4.3) EP-3 | A | | - | - | 0.107 | - | - | 0.030 | - | - | 0.102 | - | - | - | - | - | - | - | - | - |
| 4.4) P-3C | A | | - | - | 0.394 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.5) UMFO Training | A | | - | - | 0.183 | - | - | 0.210 | - | - | - | - | - | - | - | - | - | - | - | - |
| 4.6) USMC Federation Simulators | A | | - | - | 1.152 | - | - | 0.410 | - | - | 0.387 | - | - | 0.392 | - | - | - | - | - | 0.392 |
| 4.7) NASMP | A | | - | - | 3.778 | - | - | 1.383 | - | - | 1.698 | - | - | 1.476 | - | - | - | - | - | 1.476 |
| 4.8) LVC | A | | - | - | - | - | - | - | - | - | 0.514 | - | - | 0.535 | - | - | - | - | - | 0.535 |
| Subtotal: 4) Acceptance Testing | | | - | - | 5.982 | - | - | 2.053 | - | - | 3.224 | - | - | 2.947 | - | - | - | - | - | 2.947 |
| 5) Production Support | | | | | | | | | | | | | | | | | | | | |
| 5.1) CNATRA | A | | - | - | 1.235 | - | - | - | - | - | 1.161 | - | - | 1.517 | - | - | - | - | - | 1.517 |
| 5.2) E-6 | A | | - | - | 0.585 | - | - | 0.307 | - | - | 0.561 | - | - | 0.281 | - | - | - | - | - | 0.281 |
| 5.3) EP-3 | A | | - | - | 1.204 | - | - | 0.281 | - | - | 0.502 | - | - | - | - | - | - | - | - | - |
| 5.4) FA-18 | A | | - | - | 1.887 | - | - | 0.166 | - | - | 0.157 | - | - | 0.180 | - | - | - | - | - | 0.180 |
| 5.5) P-3C | A | | - | - | 1.255 | - | - | 0.721 | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.6) UMFO Training | A | | - | - | 1.779 | - | - | 0.631 | - | - | - | - | - | - | - | - | - | - | - | - |
| 5.7) E-2/C-2 | A | | - | - | 0.727 | - | - | - | - | - | 0.091 | - | - | 0.099 | - | - | - | - | - | 0.099 |
| 5.8) MH-53 | A | | - | - | 0.785 | - | - | - | - | - | 0.171 | - | - | 0.174 | - | - | - | - | - | 0.174 |
| 5.9) USMC Federation Simulators | A | | - | - | 18.298 | - | - | 5.105 | - | - | 4.211 | - | - | 4.226 | - | - | - | - | - | 4.226 |
| 5.10) NASMP | A | | - | - | 29.251 | - | - | 9.263 | - | - | 8.827 | - | - | 9.371 | - | - | - | - | - | 9.371 |
| 5.11) LVC | A | | - | - | - | - | - | - | - | - | 0.558 | - | - | 0.565 | - | - | - | - | - | 0.565 |
| Subtotal: 5) Production Support | | | - | - | 57.006 | - | - | 16.474 | - | - | 16.239 | - | - | 16.413 | - | - | - | - | - | 16.413 |
| Total | | | - | - | 401.294 | - | - | 146.867 | - | - | 176.722 | - | - | 172.950 | - | - | - | - | - | 172.950 |

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

(†) indicates the presence of a P-5a

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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | Date: February 2016 |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | Aggregated Items Title: OTHER FLIGHT TRAINING |

Footnotes:

- ⁽²²⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽²³⁾ Renaming: CNATRA - T-6 Windows 7 Upgrades to CNATRA - T-6 Win 10 Upgrades. MIPR to AF as the Program Manager with Army PEO STRI acting as Contracting Officer located at NAWCTSD.
- ⁽²⁴⁾ Renaming: CNATRA - T-45 2F138E Windows 7 Upgrades to CNATRA - T-45 Win 10 Image Gen Sys Servers Upgrades
- ⁽²⁵⁾ Renaming: CNATRA - T-45 UMFO/VMTS 2F205A Windows 7 Upgrades to CNATRA - T-45 Win 10 IOS Computer Upgrades
- ⁽²⁶⁾ Renaming: CNATRA - T-45 4E18 Windows 7 Upgrades to CNATRA - T-45 Win 10 Aural Cues Computers Upgrades
- ⁽²⁷⁾ Renaming: UMFO Training - 2B47 Windows 10 Upgrade to CNATRA - T-45 UMFO - Win 10 Aural Cues Computers Upgrades
- ⁽²⁸⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽²⁹⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽³⁰⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽³¹⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽³²⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽³³⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽³⁴⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽³⁵⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽³⁶⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽³⁷⁾ Renaming: USMC Fed Sim - MV-22 Flight Simulators Tech/Visual Upgrades to USMC Fed Sim - MV-22 CFTD Tech/Visual Upgrades Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽³⁸⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽³⁹⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽⁴⁰⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided. For the C-2 trainer, the FY14 funds will fund the basic contract and the FY16 funds will also fund options exercised at the time of the basic award.
- ⁽⁴¹⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽⁴²⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽⁴³⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽⁴⁴⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽⁴⁵⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽⁴⁶⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽⁴⁷⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽⁴⁸⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽⁴⁹⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽⁵⁰⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽⁵¹⁾ Upgrades do not increase inventory, thus no P20/P21 information is provided
- ⁽⁵²⁾ FY17 CNATRA costs will fund delivery support through FY19.
- ⁽⁵³⁾ FY16 increased support costs are in support of government efforts for the Windows 7 Upgrades

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| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | | Date: February 2016 | | | |
|---|-------------|----------------------|-------------------------------------|--|-----------------|---------------|------------------------------|---------------|---|------------------------|-------------------------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | Aggregated Items: OTHER FLIGHT TRAINING | | | |
| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1) Hardware | | | | | | | | | | | | |
| 1.1) CNATRA - T-45 Operational Flight Trainer (OFT) Upgrades ⁽²²⁾ | | 2014 | ASI / Tampa, FL | C / FFP | NAWCTSD | Oct 2015 | Dec 2018 | 1 | 12,354K | Y | | Apr 2015 |
| 1.1) CNATRA - T-45 Operational Flight Trainer (OFT) Upgrades ⁽²²⁾ | | 2017 | ASI / Tampa, FL | C / FFP | NAWCTSD | Dec 2016 | Sep 2019 | 1 | 4,323K | Y | | Apr 2015 |
| 1.3) CNATRA - T-6 Win 10 Upgrades ⁽²³⁾ | | 2016 | Flight Safety Int. / Centennial, CO | MIPR | NAWCTSD | May 2016 | May 2017 | 1 | 11,900K | Y | | Jan 2016 |
| 1.4) CNATRA - T-6 IOS Joystick & Throttle Mod Upgrades | | 2016 ⁽⁵⁴⁾ | Flight Safety Int. / Centennial, CO | MIPR | NAWCTSD | Feb 2016 | May 2016 | 1 | 11,000.00 | Y | | Oct 2015 |
| 1.5) CNATRA- T-45 Win 10 Image Gen Sys Servers Upgrades ⁽²⁴⁾ | | 2016 | Aechelon / San Francisco, CA | SS / FFP | NAWCTSD | Apr 2016 | Nov 2017 | 1 | 3,041K | Y | | Feb 2016 |
| 1.6) CNATRA - T-45 Win 10 Instructor Operator Station Computer Upgrades ⁽²⁵⁾ | | 2016 | TBD / TBD | TBD | NAWCTSD | Jul 2016 | Nov 2017 | 1 | 1,643K | Y | | Mar 2016 |
| 1.7) CNATRA - T-45 Win 10 Aural Cues Computers Upgrades ⁽²⁶⁾ | | 2016 | TBD / TBD | TBD | NAWCTSD | Jul 2016 | Nov 2017 | 1 | 434,000.00 | Y | | Mar 2016 |
| 1.8) CNATRA - T-45 UMFO - Win 10 Aural Cues Computers Upgrades ⁽²⁷⁾ | | 2016 | Simphonics / Pensacola, FL | SS / FFP | NAWCTSD | Feb 2016 | Jun 2016 | 1 | 462,000.00 | Y | | Dec 2015 |
| 1.9) CNATRA - T-45 Win 10 Virtual IO SW Upgrades | | 2016 | National Instruments / Austin, TX | SS / FFP | NAWCTSD | Apr 2016 | Nov 2017 | 1 | 57,000.00 | Y | | Mar 2016 |
| 1.10) E-6 - Interactive Avionic Trainer Rehost | | 2015 | Triton JV, LLC / Orlando, FL | C / FFP | NAWCTSD | May 2015 | Mar 2016 | 1 | 1,754K | Y | | Feb 2015 |
| 1.10) E-6 - Interactive Avionic Trainer Rehost | | 2016 | Triton JV, LLC / Orlando, FL | C / FFP | NAWCTSD | Apr 2016 | Apr 2017 | 1 | 2,061K | Y | | Feb 2015 |
| 1.10) E-6 - Interactive Avionic Trainer Rehost | | 2017 | Triton JV, LLC / Orlando, FL | C / FFP | NAWCTSD | Apr 2017 | Apr 2018 | 1 | 2,008K | Y | | Feb 2015 |
| 1.12) E-6 - Windows 7 Upgrades | | 2016 | Fidelity / Tinker, OK | C / FFP | NAWCTSD | Mar 2016 | Mar 2017 | 12 | 48,166.67 | Y | | Jan 2016 |
| 1.13) EP-3 - 10H1 Device Upgrades | | 2013 | CACI / Beavercreek, OH | SS / CPFF | NSMA | Dec 2014 | Mar 2016 | 1 | 1,467K | Y | | Sep 2014 |
| 1.13) EP-3 - 10H1 Device Upgrades | | 2014 | CACI / Beavercreek, OH | SS / CPFF | NSMA | Oct 2015 | Sep 2017 | 1 | 636,000.00 | Y | | Jul 2015 |
| 1.13) EP-3 - 10H1 Device Upgrades | | 2015 | CACI / Beavercreek, OH | SS / CPFF | NSMA | Oct 2015 | Sep 2017 | 1 | 3,021K | Y | | Jul 2015 |
| 1.13) EP-3 - 10H1 Device Upgrades | | 2016 | CACI / Beavercreek, OH | SS / CPFF | NSMA | Oct 2015 | Sep 2017 | 1 | 339,000.00 | Y | | Jul 2015 |
| 1.14) FA-18 - Equipment Modernization | | 2014 | L3 Communications / Arlington, VA | SS / FFP | NAWCTSD | Mar 2015 | Jan 2017 | 1 | 6,534K | Y | | Nov 2014 |

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| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | | Date: February 2016 | | | |
|---|----------------------|-----------|-----------------------------------|--|------------------------|-----------------------|---------------------------------------|-----------------------|---|---------------------------------|--|---------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | Aggregated Items: OTHER FLIGHT TRAINING | | | |
| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1.14) FA-18 - Equipment Modernization | | 2015 | L3 Communications / Arlington, VA | SS / FFP | NAWCTSD | Apr 2015 | Apr 2016 | 1 | 4,508K | Y | | Dec 2014 |
| 1.14) FA-18 - Equipment Modernization | | 2016 | L3 Communications / Arlington, VA | SS / FFP | NAWCTSD | Apr 2016 | Apr 2017 | 1 | 3,935K | Y | | Dec 2015 |
| 1.14) FA-18 - Equipment Modernization | | 2017 | L3 Communications / Arlington, VA | SS / FFP | NAWCTSD | Apr 2017 | Apr 2018 | 1 | 3,649K | Y | | Dec 2016 |
| 1.15) P-3C - 2F179A TORT Windows 7 Upgrades | | 2014 | NAWCTSD / Orlando, FL | PO | NAWCTSD | Nov 2014 | Sep 2015 | 3 | 218,666.67 | Y | | |
| 1.15) P-3C - 2F179A TORT Windows 7 Upgrades | | 2015 | NAWCTSD / Orlando, FL | PO | NAWCTSD | Jul 2015 | Jan 2016 | 1 | 150,000.00 | Y | | |
| 1.16) P-3C - 14B59 FDT Windows 7 Upgrades | | 2015 | NAWCTSD / Orlando, FL | PO | NAWCTSD | Jul 2015 | Apr 2016 | 2 | 150,000.00 | Y | | |
| 1.17) P-3C - 2F87 OFT Tech Refresh | | 2015 | NAWCTSD / Orlando, FL | PO | NAWCTSD | Oct 2015 | Aug 2017 | 2 | 462,000.00 | Y | | |
| 1.18) P-3C - 2F179A TORT Tech Refresh | | 2015 | NAWCTSD / Orlando, FL | PO | NAWCTSD | Aug 2015 | Sep 2017 | 2 | 504,500.00 | Y | | |
| 1.19) UMFO Training - MCS Block 1B | | 2015 | CAE / Tampa, FL | SS / FFP | NAWCTSD | Jul 2015 | Jan 2017 | 2 | 1,932K | Y | | Mar 2015 |
| 1.20) USMC Fed Sim - Aviation Dist Virtual Trng Environ (ADVTE) Tech Upgrades | | 2015 | Veraxx / Chantilly,VA | SS / FFP | NAWCTSD | Jun 2015 | Jun 2017 | 1 | 4,901K | Y | | Feb 2015 |
| 1.22) USMC Fed Sim - MCAT Containerized Flight Trng Dev (CFTD) ^(†) | | 2014 | TBD / TBD | C / FFP | NAWCTSD | Jul 2016 | Jan 2020 | 1 | 10,602K | Y | | Oct 2015 |
| 1.22) USMC Fed Sim - MCAT Containerized Flight Trng Dev (CFTD) ^(†) | | 2015 | TBD / TBD | C / FFP | NAWCTSD | Jul 2016 | Mar 2019 | 3 | 10,602K | Y | | Oct 2015 |
| 1.23) USMC Fed Sim - MCAT GFE UH-1Y Weapons Mounts | | 2015 | NSWC CRANE / IN | PO | NSWC CRANE | Jan 2016 | Jan 2017 | 8 | 217,375.00 | Y | | |
| 1.24) USMC Fed Sim - MCAT GFE CH-53 Weapons Mounts | | 2015 | FN Herstal / Leige Belgium | SS / FFP | Navair | Jul 2015 | Dec 2016 | 8 | 163,250.00 | Y | | May 2015 |
| 1.25) USMC Fed Sim - MCAT GFE MV-22 Weapons Mounts | | 2015 | NSWC CRANE / IN | PO | NSWC CRANE | Jan 2016 | Jan 2017 | 8 | 69,250.00 | Y | | |
| 1.26) USMC Fed Sim - CH-53E CFTD Upgrades ⁽²⁹⁾ | | 2017 | TBD / TBD | C / FFP | NAWCTSD | Mar 2017 | Mar 2019 | 1 | 6,821K | Y | | Nov 2016 |
| 1.27) USMC Fed Sim - CH-53E Aircrew Procedure Trnr 2F190-2/2F190-1 Upgrades ⁽³⁰⁾ | | 2013 | Veraxx / Chantilly,VA | C / FFP | NAWCTSD | Mar 2015 | Mar 2017 | 1 | 4,624K | Y | | Nov 2014 |

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| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | | Date: February 2016 | | | |
|---|----------------------|-----------|---|--|------------------------|-----------------------|---------------------------------------|-----------------------|---|---------------------------------|--|---------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | Aggregated Items: OTHER FLIGHT TRAINING | | | |
| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1.27) USMC Fed Sim - CH-53E Aircrew Procedure Trnr 2F190-2/2F190-1 Upgrades ⁽³⁰⁾ | | 2014 | Veraxx / Chantilly, VA | C / FFP | NAWCTSD | Mar 2015 | Jun 2017 | 1 | 3,992K | Y | | Nov 2014 |
| 1.28) USMC Fed Sim - CH-53E APT 2F171 Upgrades | | 2017 | TBD / TBD | C / FFP | NAWCTSD | Mar 2017 | Mar 2019 | 1 | 3,294K | Y | | Nov 2016 |
| 1.29) USMC Fed Sim - CH-53E 2F174-1&2 Weapon Sys Trnr (WST) Visual Upgrades ⁽³¹⁾ | | 2014 | Veraxx / Chantilly, VA | C / FFP | NAWCTSD | Mar 2015 | Mar 2017 | 1 | 6,372K | Y | | Nov 2014 |
| 1.29) USMC Fed Sim - CH-53E 2F174-1&2 Weapon Sys Trnr (WST) Visual Upgrades ⁽³¹⁾ | | 2015 | Veraxx / Chantilly, VA | C / FFP | NAWCTSD | Mar 2015 | Jun 2017 | 1 | 4,339K | Y | | Nov 2014 |
| 1.31) USMC Fed Sim - KC-130J Motion and Visual System Upgrades ⁽³³⁾ | | 2016 | Lockheed Martin / Orlando, FL | MIPR | USAF MATL CMD | Mar 2016 | Sep 2017 | 1 | 19,168K | Y | | Jun 2015 |
| 1.36) USMC Fed Sim - MV-22 CFTD Tech/Visual Upgrades ⁽³⁷⁾ | | 2017 | TBD / TBD | C / FFP | NAWCTSD | Mar 2017 | Mar 2019 | 4 | 5,794K | Y | | Nov 2016 |
| 1.38) USMC Fed Sim - FA-18 TOFT 16/28/30/31/32/33/34/35/36/ 37/38/40 Upgrades | | 2017 | TBD / TBD | C / FFP | NAWCTSD | Mar 2017 | Mar 2019 | 6 | 3,178K | Y | | Nov 2016 |
| 1.39) USMC Fed Sim - FA-18 TOFT (Japan) Upgrades | | 2015 | TBD / TBD | C / FFP | NAWCTSD | Feb 2016 | Jun 2017 | 2 | 1,411K | Y | | Dec 2015 |
| 1.40) USMC Fed Sim - AV-8B 2F150A/B/C/D/E WST Tech/Visual Upgrades ⁽³⁸⁾ | | 2017 | TBD / TBD | C / FFP | NAWCTSD | Dec 2016 | Dec 2018 | 1 | 4,612K | Y | | Mar 2016 |
| 1.41) USMC Fed Sim - AV-8B Maintenance Trainer Upgrades | | 2013 | Cymstar LLC / Broken Arrow, OK | C / FFP | NAWCTSD | Sep 2014 | Nov 2015 | 4 | 921,250.00 | Y | | Feb 2014 |
| 1.42) USMC Fed Sim - AV-8B Deployable Mission Rehearsal Trainer ^(†) | | 2015 | TBD / TBD | C / FFP | NAWCTSD | Aug 2016 | Aug 2017 | 3 | 1,575K | Y | | Feb 2016 |
| 1.42) USMC Fed Sim - AV-8B Deployable Mission Rehearsal Trainer ^(†) | | 2016 | TBD / TBD | C / FFP | NAWCTSD | Aug 2016 | Dec 2017 | 7 | 1,575K | Y | | Feb 2016 |
| 1.43) USMC Fed Sim - VH-3/60 Upgrades ⁽³⁹⁾ | | 2014 | J.F. Taylor Inc / Lexington Park, MD | C / FFP | NAWCTSD | Nov 2014 | Feb 2016 | 1 | 909,000.00 | Y | | Jul 2014 |
| 1.44) USMC Fed Sim - VH-3/60 APT Visual Database Upgrades | | 2014 | NAWCAD / Patuxent River, MD | PO | NAWCAD PAX | Apr 2014 | Feb 2017 | 1 | 995,000.00 | Y | | |
| 1.47) USMC Fed Sim - CH-53E TCI Basic Training Courseware Upgrades | | 2015 | Organizational Strategies, INC / Arlington, VA | SS / FFP | NAWCAD LKE | Feb 2015 | Mar 2016 | 1 | 279,000.00 | Y | | Jan 2015 |

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| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | | Date: February 2016 | | | |
|---|----------------------|-----------|---------------------------------------|--|------------------------|-----------------------|---------------------------------------|-----------------------|---|---------------------------------|--|---------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | Aggregated Items: OTHER FLIGHT TRAINING | | | |
| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1.48) E-2/C-2 - E2 Weapons Systems Trainer (WST) Tech Upgrades | | 2017 | TBD / TBD | MIPR | DTIC | Dec 2016 | Dec 2017 | 2 | 1,673K | N | Jun 2016 | Jun 2016 |
| 1.49) E-2/C-2 - C2 Operational Flight Trainer (OFT) Tech Upgrades ⁽⁴⁰⁾ | | 2014 | TBD / TBD | C / FFP | NAWCTSD | Mar 2016 | Mar 2018 | 1 | 5,975K | Y | | Nov 2015 |
| 1.49) E-2/C-2 - C2 Operational Flight Trainer (OFT) Tech Upgrades ⁽⁴⁰⁾ | | 2016 | TBD / TBD | C / FFP | NAWCTSD | Mar 2016 | Mar 2018 | 1 | 3,465K | Y | | Nov 2015 |
| 1.50) E-2/C-2 - Enhanced Distributed Readiness Trainer (EDRT) Tech Upgrades | | 2011 | NAWCAD / Patuxent River, MD | PO | NAWCAD PAX | Aug 2012 | Oct 2015 | 4 | 136,250.00 | Y | | |
| 1.53) MH-53 - Air Mine Countermeasure Stream & Recovery Mod (ASRM) Upgrades | | 2011 | NSWC PCD / Panama City, FL | PO | NAWCTSD | Jan 2013 | Oct 2016 | 1 | 1,380K | Y | | |
| 1.53) MH-53 - Air Mine Countermeasure Stream & Recovery Mod (ASRM) Upgrades | | 2014 | NSWC PCD / Panama City, FL | PO | NAWCTSD | Jun 2014 | Oct 2016 | 1 | 235,000.00 | Y | | |
| 1.53) MH-53 - Air Mine Countermeasure Stream & Recovery Mod (ASRM) Upgrades | | 2017 | TBD / TBD | TBD | NAWCTSD | Feb 2017 | Feb 2018 | 1 | 350,000.00 | Y | | Dec 2016 |
| 1.54) MH-53 - 2H165 Air Mine Countermeasure (AVCM) Config Trainer Upgrades | | 2012 | NSWC PCD / Panama City, FL | PO | NAWCTSD | Apr 2013 | Mar 2016 | 1 | 1,033K | Y | | |
| 1.55) MH-53 - 2H165 Cargo Trainer Upgrades | | 2013 | NSWC PCD / Panama City, FL | PO | NAWCTSD | Apr 2013 | Mar 2016 | 1 | 632,000.00 | Y | | |
| 1.56) MH-53 - 2F141 Operational Flight Trainer (OFT) Upgrades | | 2016 | TBD / TBD | TBD | NAWCTSD | Apr 2016 | Apr 2017 | 1 | 628,000.00 | Y | | Dec 2015 |
| 1.56) MH-53 - 2F141 Operational Flight Trainer (OFT) Upgrades | | 2017 | TBD / TBD | TBD | NAWCTSD | Feb 2017 | Feb 2018 | 1 | 234,000.00 | Y | | Dec 2016 |
| 1.57) MH-53 - 2H162 Enhanced Aircrew External Trainer Upgrades | | 2012 | Pathfinder Systems, Inc. / Arvada, CO | C / FFP | NAWCTSD | Jan 2014 | Feb 2016 | 1 | 662,000.00 | Y | | Nov 2013 |
| 1.58) NASMP - Navy Continuous Training Environment (NCTE) Nodes Upgrades | | 2013 | NWDC / Norfolk, VA | MIPR | DTIC | Aug 2015 | Dec 2015 | 3 | 375,000.00 | Y | | |
| 1.58) NASMP - Navy Continuous Training Environment (NCTE) Nodes Upgrades | | 2016 | NWDC (1) / Norfolk, VA | MIPR | DTIC | Apr 2016 | Apr 2017 | 2 | 375,000.00 | Y | | |
| 1.58) NASMP - Navy Continuous Training Environment (NCTE) Nodes Upgrades | | 2017 | NWDC (1) / Norfolk, VA | MIPR | DTIC | Jan 2017 | Jan 2018 | 2 | 375,000.00 | Y | | |

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| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | | Date: February 2016 | | | |
|---|----------------------|-----------|---|--|------------------------|-----------------------|---------------------------------------|-----------------------|---|---------------------------------|--|---------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | Aggregated Items: OTHER FLIGHT TRAINING | | | |
| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1.59) NASMP - MH-60S Aircrew Virtual Environment Trainer (AVET) ^(†) | | 2013 | BSC Partners / Binghampton, NY | SS / FFP | NAWCTSD | Nov 2013 | Apr 2016 | 1 | 12,969K | Y | | Nov 2013 |
| 1.59) NASMP - MH-60S Aircrew Virtual Environment Trainer (AVET) ^(†) | | 2015 | BSC Partners / Binghampton, NY | SS / FFP | NAWCTSD | Dec 2014 | Jan 2017 | 1 | 6,239K | Y | | |
| 1.59) NASMP - MH-60S Aircrew Virtual Environment Trainer (AVET) ^(†) | | 2016 | BSC Partners / Binghampton, NY | SS / FFP | NAWCTSD | Feb 2016 | Jun 2017 | 2 | 6,046K | Y | | |
| 1.61) NASMP - H-60S Technology Refresh Upgrades ⁽⁴¹⁾ | | 2014 | CAE / Tampa, FL | C / FFP | NAWCTSD | Sep 2015 | Jul 2017 | 1 | 22,925K | Y | | Feb 2014 |
| 1.61) NASMP - H-60S Technology Refresh Upgrades ⁽⁴¹⁾ | | 2017 | CAE / Tampa, FL | C / FFP | NAWCTSD | Jan 2017 | Jan 2019 | 1 | 5,821K | Y | | Feb 2014 |
| 1.62) NASMP - H-60R Technology Refresh Upgrades ⁽⁴²⁾ | | 2014 | CAE / Tampa, FL | C / FFP | NAWCTSD | Sep 2015 | Jul 2017 | 1 | 11,717K | Y | | Feb 2014 |
| 1.62) NASMP - H-60R Technology Refresh Upgrades ⁽⁴²⁾ | | 2016 | CAE / Tampa, FL | C / FFP | NAWCTSD | Feb 2016 | Dec 2017 | 1 | 15,464K | Y | | Feb 2014 |
| 1.63) NASMP - MH-60R Naval Aircrew Training Systems (NATS) ^(†) | | 2013 | BCS Partners / Binghampton, NY | SS / FFP | NAWCTSD | Nov 2013 | Oct 2015 | 2 | 9,720K | Y | | Apr 2013 |
| 1.63) NASMP - MH-60R Naval Aircrew Training Systems (NATS) ^(†) | | 2015 | BCS Partners / Binghampton, NY | SS / FFP | NAWCTSD | Dec 2014 | Sep 2016 | 1 | 8,132K | Y | | |
| 1.63) NASMP - MH-60R Naval Aircrew Training Systems (NATS) ^(†) | | 2017 | BCS Partners / Binghampton, NY | SS / FFP | NAWCTSD | Nov 2016 | Aug 2018 | 1 | 8,132K | Y | | |
| 1.66) NASMP - FA/EA-18 - System Fidelity Upgrades (TECR) ⁽⁴³⁾ | | 2011 | Boeing Co. / St. Louis, MO | SS / FFP | NAWCTSD | Feb 2012 | Feb 2016 | 1 | 15,434K | Y | | |
| 1.67) NASMP - FA/EA-18 NGTS v3.2 Upgrades | | 2017 | Boeing Co. / St. Louis, MO | SS / FFP | NAWCTSD | Mar 2017 | Mar 2019 | 1 | 2,000K | Y | | Jan 2016 |
| 1.68) NASMP - FA/EA-18 Visual Display Upgrades ⁽⁴⁴⁾ | | 2013 | L3 Link Simulation & Training / Arlington, TX | SS / FFP | NAWCTSD | Jul 2013 | Jul 2016 | 11 | 1,367K | Y | | Apr 2013 |
| 1.71) NASMP - FA/EA-18 Seat Upgrades ⁽⁴⁵⁾ | | 2015 | Boeing Co. / St. Louis, MO | SS / FFP | NAWCTSD | Sep 2015 | Dec 2016 | 10 | 1,085K | Y | | Jun 2015 |
| 1.71) NASMP - FA/EA-18 Seat Upgrades ⁽⁴⁵⁾ | | 2016 | Boeing Co. / St. Louis, MO | SS / FFP | NAWCTSD | Apr 2016 | Oct 2017 | 2 | 1,085K | Y | | |

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| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | Date: February 2016 | | | | |
|---|-------------|------|--|---|-----------------|---------------|------------------------------|--|-------------------|------------------------|-------------------------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | Aggregated Items: OTHER FLIGHT TRAINING | | | | |
| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1.71) NASMP - FA/EA-18 Seat Upgrades ⁽⁴⁵⁾ | | 2017 | Boeing Co. / St. Louis, MO | SS / FFP | NAWCTSD | Mar 2017 | Sep 2018 | 8 | 982,500.00 | Y | | |
| 1.72) NASMP - FA/EA-18 Blue Forces Visual Data Base (VDB) Upgrades | | 2016 | Boeing Co. / St. Louis, MO | SS / FFP | NAWCTSD | Jun 2016 | Dec 2017 | 1 | 1,400K | Y | | Mar 2016 |
| 1.73) NASMP - FA/EA-18 Threat Visual Data Base (VDB) Upgrades | | 2017 | L-3 Link Simulation & Training / Arlington, TX | SS / FFP | NAWCTSD | Mar 2017 | Mar 2018 | 1 | 4,000K | N | Sep 2016 | Dec 2016 |
| 1.75) NASMP - FA/EA-18 Airborne Electronic Attack (AEA) Model Upgrades ⁽⁴⁶⁾ | | 2016 | Boeing Co. / St. Louis, MO | SS / FFP | NAWCTSD | Jun 2016 | Dec 2017 | 1 | 5,778K | Y | | Mar 2016 |
| 1.76) NASMP - FA/EA-18 APG-79 Upgrades | | 2017 | Boeing Co. / St. Louis, MO | SS / FFP | NAWCTSD | Mar 2017 | Mar 2019 | 1 | 4,000K | N | Sep 2016 | Dec 2016 |
| 1.78) NASMP - FA/EA-18 SAN Disk Upgrades ⁽⁴⁷⁾ | | 2014 | Boeing Co. / St. Louis, MO | SS / FFP | NAWCTSD | Jul 2014 | Jun 2016 | 23 | 569,695.65 | Y | | Apr 2014 |
| 1.79) NASMP - FA/EA-18 Cockpit HW Upgrades | | 2017 | Boeing Co. / St. Louis, MO | SS / FFP | NAWCTSD | Mar 2017 | Mar 2019 | 23 | 308,217.39 | N | Sep 2016 | Dec 2016 |
| 1.81) NASMP - FA/EA-18 NASMP 1.4 / Fleet Synthetic Training (FST) Upgrades | | 2016 | Boeing Co. / St. Louis, MO | SS / FFP | NAWCTSD | Jun 2016 | Dec 2017 | 1 | 2,294K | Y | | Mar 2016 |
| 1.82) NASMP - FA/EA-18 Malfunctions Fidelity Upgrades | | 2017 | Boeing Co. / St. Louis, MO | SS / FFP | NAWCTSD | Mar 2017 | Sep 2018 | 1 | 2,000K | Y | | Dec 2016 |
| 1.83) NASMP - FA/EA-18 Aural Cueing HW Upgrades ⁽⁴⁸⁾ | | 2015 | Boeing Co. / St. Louis, MO | SS / FFP | NAWCTSD | Sep 2015 | Dec 2017 | 23 | 347,826.09 | Y | | Jun 2015 |
| 1.84) NASMP - FA/EA-18 MIDS Fidelity Upgrades | | 2017 | Boeing Co. / St. Louis, MO | SS / FFP | NAWCTSD | Mar 2017 | Mar 2019 | 1 | 3,000K | Y | | Dec 2016 |
| 1.86) NASMP - FA/EA-18 Next Generation Threat System (NGTS) V3.2 Upgrades ⁽⁴⁹⁾ | | 2016 | NAWCAD / Patuxent River, MD | PO | NAWCAD PAX | Mar 2016 | Jul 2017 | 1 | 6,000K | Y | | Mar 2016 |
| 1.87) NASMP - FA/EA-18 Windows 7 Upgrades | | 2012 | L3 Link Simulation & Training / Arlington, TX | SS / FFP | NAWCTSD | Jun 2013 | Aug 2016 | 1 | 1,499K | Y | | Mar 2013 |
| 1.88) NASMP - FA/EA-18 - TOFT Mission Upgrades | | 2016 | Boeing Co. / St. Louis, MO | SS / FFP | NAWCTSD | Jun 2016 | Dec 2017 | 1 | 3,000K | Y | | Mar 2016 |
| 1.89) NASMP - Common Acoustic Simulation Environment (CASE) Upgrades ⁽⁵⁰⁾ | | 2016 | AAC Inc. / Hauppauge, NY | SS / FFP | NAWCTSD | May 2016 | May 2018 | 1 | 15,400K | Y | | Feb 2016 |
| 1.99) LVC - FA-18 OFP Training System Upgrades ⁽⁵¹⁾ | | 2016 | Boeing Co. / St. Louis, MO | SS / CPFF | NAWCWD | May 2016 | Nov 2017 | 1 | 3,846K | Y | | Mar 2015 |
| 1.99) LVC - FA-18 OFP Training System Upgrades ⁽⁵¹⁾ | | 2017 | Boeing Co. / St. Louis, MO | SS / CPFF | NAWCWD | Mar 2017 | Feb 2020 | 1 | 11,779K | Y | | |

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|--|-------------|------|---|--------------------------------------|-----------------|---------------|------------------------------|---------------|--|------------------------|-------------------------------|-------------------|
| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | | Date: February 2016 | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | Aggregated Items: OTHER FLIGHT TRAINING | | | |
| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1.100) LVC - Next Generation Threat System Upgrades | | 2016 | NAWCAD / Patuxent River, MD | PO | NAWCAD PAX | Mar 2016 | Jun 2018 | 1 | 2,148K | Y | | |

(†) indicates the presence of a P-21

Footnotes:

(54) MIPR to AF as the Program Manager with Army PEO STRI acting as Contracting Officer located at NAWCTSD.

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|--|-------|------|---------|----------|----------------------------|---------------------|--------------------|------------------|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|--------------------|------------------|-----|-----|-----|--|-----|-----|-----|-----|-----|-----|-----|---------|---|
| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | | | | Aggregated Items: OTHER FLIGHT TRAINING | | | | | | | | | |
| Items (Units in Each) | | | | | | | | Fiscal Year 2012 | | | | | | | | | | | | Fiscal Year 2013 | | | | | | | | | | | | BALANCE | |
| OCO | MFR # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2011 | BAL DUE AS OF 1 OCT | Calendar Year 2012 | | | | | | | | | | | | Calendar Year 2013 | | | | | | | | | | | | | | |
| | | | | | | | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | | |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.22) USMC Fed Sim - MCAT Containerized Flight Trng Dev (CFTD) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 18 | 2014 | NAVY | | 1 | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | 18 | 2015 | NAVY | | 3 | - | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 1.42) USMC Fed Sim - AV-8B Deployable Mission Rehearsal Trainer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19 | 2015 | NAVY | | 3 | - | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| | 19 | 2016 | NAVY | | 7 | - | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| 1.59) NASMP - MH-60S Aircrew Virtual Environment Trainer (AVET) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20 | 2013 | NAVY | | 1 | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | 21 | 2015 | NAVY | | 1 | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | 22 | 2016 | NAVY | | 2 | - | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 1.63) NASMP - MH-60R Naval Aircrew Training Systems (NATS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 23 | 2013 | NAVY | | 2 | - | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| | 23 | 2015 | NAVY | | 1 | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | 23 | 2017 | NAVY | | 1 | - | 1 | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | |

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| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | | | | | |
|--|-------|------|---------|----------|----------------------------|---------------------|--------------------|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|------------------|--------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|---|---|---|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | | Aggregated Items: OTHER FLIGHT TRAINING | | | | | | | | | | | | | | |
| Items (Units in Each) | | | | | | Fiscal Year 2014 | | | | | | | | | | | | Fiscal Year 2015 | | | | | | | | | | | | BALANCE | | | | |
| OCO | MFR # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2013 | BAL DUE AS OF 1 OCT | Calendar Year 2014 | | | | | | | | | | | | Calendar Year 2015 | | | | | | | | | | | | | | | |
| | | | | | | | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | | SEP | | | |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.22) USMC Fed Sim - MCAT Containerized Flight Trng Dev (CFTD) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 2014 | NAVY | | 1 | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 18 | 2015 | NAVY | | 3 | - | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 1.42) USMC Fed Sim - AV-8B Deployable Mission Rehearsal Trainer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 2015 | NAVY | | 3 | - | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 19 | 2016 | NAVY | | 7 | - | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| 1.59) NASMP - MH-60S Aircrew Virtual Environment Trainer (AVET) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 2013 | NAVY | | 1 | - | 1 | | A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | |
| 21 | 2015 | NAVY | | 1 | - | 1 | | | | | | | | | | | | | | | A | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| 22 | 2016 | NAVY | | 2 | - | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 1.63) NASMP - MH-60R Naval Aircrew Training Systems (NATS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 2013 | NAVY | | 2 | - | 2 | | A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | | |
| 23 | 2015 | NAVY | | 1 | - | 1 | | | | | | | | | | | | | | | A | - | - | - | - | - | - | - | - | - | - | - | - | 1 |
| 23 | 2017 | NAVY | | 1 | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | | | |

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|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|
| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | Date: February 2016 | | | | | | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | Aggregated Items: OTHER FLIGHT TRAINING | | | | | | | | | |

| Items (Units in Each) | | | | | | Fiscal Year 2016 | | | | | | | | | | | | Fiscal Year 2017 | | | | | | | | | | | | B A L A N C E | | | | | | |
|---|------------------|------|---------|-------------|--|------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------------------|-------------|---|---|---|---|---|
| O C O | M F R # | FY | SERVICE | PROC QTY | ACCEP T PRIOR TO 1 OCT 2015 | BAL DUE AS OF 1 OCT | Calendar Year 2016 | | | | | | | | | | | | | | | | Calendar Year 2017 | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | | S E P | | | | | |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.22) USMC Fed Sim - MCAT Containerized Flight Trng Dev (CFTD) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 2014 | NAVY | | 1 | - | 1 | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | |
| 18 | 2015 | NAVY | | 3 | - | 3 | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | |
| 1.42) USMC Fed Sim - AV-8B Deployable Mission Rehearsal Trainer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 2015 | NAVY | | 3 | - | 3 | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | | |
| 19 | 2016 | NAVY | | 7 | - | 7 | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | | |
| 1.59) NASMP - MH-60S Aircrew Virtual Environment Trainer (AVET) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 2013 | NAVY | | 1 | - | 1 | - | - | - | - | - | - | 1 | | | | | | | | | | | | | | | | | | | - | | | | |
| 21 | 2015 | NAVY | | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | | | | | | | | | | - | | | |
| 22 | 2016 | NAVY | | 2 | - | 2 | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | 1 | | | | | | |
| 1.63) NASMP - MH-60R Naval Aircrew Training Systems (NATS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 2013 | NAVY | | 2 | - | 2 | 1 | - | - | - | - | - | 1 | | | | | | | | | | | | | | | | | | | - | | | | |
| 23 | 2015 | NAVY | | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | 1 | | | | | | | | | | | | | | | | - | | | |
| 23 | 2017 | NAVY | | 1 | - | 1 | | | | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | 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 | | | | | | |

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|--|------------------|------|---------|-------------|---|------------------------------|--------------------|-------------|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|--|-------------|-------------|-------------|-------------|-------------|-------------|---------------------------------|---|---|
| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | | | | | | Aggregated Items: OTHER FLIGHT TRAINING | | | | | | | | | |
| Items (Units in Each) | | | | | | | Fiscal Year 2018 | | | | | | | | | | | | Fiscal Year 2019 | | | | | | | | | | | | B A L A N C E | | |
| O C O | M F R # | FY | SERVICE | PROC QTY | ACCEP T P R I O R T O 1 O C T 2 0 1 7 | BAL DUE AS OF 1 OCT | Calendar Year 2018 | | | | | | | | | | | | Calendar Year 2019 | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.22) USMC Fed Sim - MCAT Containerized Flight Trng Dev (CFTD) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 18 | 2014 | NAVY | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | |
| | 18 | 2015 | NAVY | 3 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - | 1 | |
| 1.42) USMC Fed Sim - AV-8B Deployable Mission Rehearsal Trainer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19 | 2015 | NAVY | 3 | 2 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 19 | 2016 | NAVY | 7 | - | 7 | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | - |
| 1.59) NASMP - MH-60S Aircrew Virtual Environment Trainer (AVET) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20 | 2013 | NAVY | 1 | 1 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 21 | 2015 | NAVY | 1 | 1 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 22 | 2016 | NAVY | 2 | 1 | 1 | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | | - |
| 1.63) NASMP - MH-60R Naval Aircrew Training Systems (NATS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 23 | 2013 | NAVY | 2 | 2 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 23 | 2015 | NAVY | 1 | 1 | - | | | | | | | | | | | | | | | | | | | | | | | | | | - | |
| | 23 | 2017 | NAVY | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | 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 | | | |

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| Exhibit P-21, PRODUCTION Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | | | | | | | | | | |
|--|------------------|------|---------|-------------|--|------------------------------|--------------------|-------------|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|--------------------|-------------|-------------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|--|---|---------------------------------|--|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | | | | | | | | | | | | | | Aggregated Items: OTHER FLIGHT TRAINING | | | | | | | | | | | | | |
| Items <i>(Units in Each)</i> | | | | | | | Fiscal Year 2020 | | | | | | | | | | | | | | Fiscal Year 2021 | | | | | | | | | | | | | | B A L A N C E | | |
| O C C O | M F R # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2019 | BAL DUE AS OF 1 OCT | Calendar Year 2020 | | | | | | | | | | | | | | Calendar Year 2021 | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | | | | | |
| 1) Hardware | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.22) USMC Fed Sim - MCAT Containerized Flight Trng Dev (CFTD) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 18 | 2014 | NAVY | | 1 | - | 1 | - | - | - | - | 1 | | | | | | | | | | | | | | | | | | | | | | - | | | |
| | 18 | 2015 | NAVY | | 3 | 2 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | |
| 1.42) USMC Fed Sim - AV-8B Deployable Mission Rehearsal Trainer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19 | 2015 | NAVY | | 3 | 3 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| | 19 | 2016 | NAVY | | 7 | 7 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| 1.59) NASMP - MH-60S Aircrew Virtual Environment Trainer (AVET) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20 | 2013 | NAVY | | 1 | 1 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| | 21 | 2015 | NAVY | | 1 | 1 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| | 22 | 2016 | NAVY | | 2 | 2 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| 1.63) NASMP - MH-60R Naval Aircrew Training Systems (NATS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 23 | 2013 | NAVY | | 2 | 2 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| | 23 | 2015 | NAVY | | 1 | 1 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | |
| | 23 | 2017 | NAVY | | 1 | 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 | | | | | | |

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| Exhibit P-21, Production Schedule: PB 2017 Navy | | | Date: February 2016 |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | P-1 Line Item Number / Title: 0705 / Common Ground Equipment | Aggregated Items: OTHER FLIGHT TRAINING |

| MFR Ref # | Manufacturer Name - Location | Production Rates (Each / Year) | | | Procurement Leadtime (Months) | | | | | | | |
|-----------------|-----------------------------------|--------------------------------|----------------|--------------|-------------------------------|--------------------|----------------------|----------------------|-----------------------|--------------------|----------------------|----------------------|
| | | MSR For 2017 | 1-8-5 For 2017 | MAX For 2017 | Initial | | | | Reorder | | | |
| | | | | | ALT Prior to Oct 1 | ALT After Oct 1 | Manufacturing PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Manufacturing PLT | Total After Oct 1 |
| 1 | TBD - TBD | 1 | 1 | 3 | - | 12 | 32 | 44 | - | 9 | 42 | 51 |
| 2 | TBD - TBD | 7 | 7 | 7 | - | - | 12 | 12 | - | - | 16 | 16 |
| 3 | BSC Partners - Binghampton, NY | 1 | 1 | 3 | - | - | 29 | 29 | - | 2 | 27 | 29 |
| 4 | BSC Partners - Binghampton, NY | 1 | 1 | 3 | - | - | - | - | - | 2 | 25 | 27 |
| 5 | BSC Partners - Binghampton, NY | 1 | 1 | 3 | - | - | - | - | - | 2 | 16 | 18 |
| 6 | BCS Partners - Binghampton, NY | 1 | 1 | 2 | - | - | 23 | 23 | - | 2 | 21 | 23 |

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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

| | |
|---|---|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities | P-1 Line Item Number / Title: 0715 / Aircraft Industrial Facilities |
|---|---|

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

| | |
|--------------------------------------|------------------------------------|
| Line Item MDAP/MAIS Code: N/A | Item MDAP/MAIS Code(s): N/A |
|--------------------------------------|------------------------------------|

| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 | To Complete | Total |
|---|------------------|---------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|-------------------|-------------------|
| Procurement Quantity <i>(Units in Each)</i> | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost <i>(\$ in Millions)</i> | 1,026.930 | 24.779 | 24.953 | 23.194 | 0.524 | 23.718 | 24.552 | 24.985 | 25.460 | 25.971 | Continuing | Continuing |
| Less PY Advance Procurement <i>(\$ in Millions)</i> | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P-1) <i>(\$ in Millions)</i> | 1,026.930 | 24.779 | 24.953 | 23.194 | 0.524 | 23.718 | 24.552 | 24.985 | 25.460 | 25.971 | Continuing | Continuing |
| Plus CY Advance Procurement <i>(\$ in Millions)</i> | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority <i>(\$ in Millions)</i> | 1,026.930 | 24.779 | 24.953 | 23.194 | 0.524 | 23.718 | 24.552 | 24.985 | 25.460 | 25.971 | Continuing | Continuing |
| <i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i> | | | | | | | | | | | | |
| Initial Spares <i>(\$ in Millions)</i> | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost <i>(\$ in Dollars)</i> | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i> | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Calibration Equipment Description:

The objective of the Metrology/Calibration (METCAL) Program is to maintain required accuracy and consistency in Navy measurements. This ensures the required measurement accuracy of Test and Measurement Systems (TAMS) and Aviation Support Equipment (SE) used to test, repair and maintain Aviation Weapon Systems is adequate. Calibration is an on-cycle maintenance action and can be described as the comparison of a measurement device/system of unverified/unknown accuracy (TAMS or SE) to a device of known and greater accuracy (Calibration Standard).

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|--|---------------------------------------|--------------------|---|--|---|--|--|--|--|
| Exhibit P-40, Budget Line Item Justification: PB 2017 Navy | | | | | | | Date: February 2016 | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities | | | | | P-1 Line Item Number / Title: 0715 / Aircraft Industrial Facilities | | | | |
| ID Code (A=Service Ready, B=Not Service Ready): A | | | Program Elements for Code B Items: N/A | | | Other Related Program Elements: N/A | | | |
| Line Item MDAP/MAIS Code: N/A | | | Item MDAP/MAIS Code(s): N/A | | | | | | |
| Exhibits Schedule | | | | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total |
| Exhibit Type | Title* | Subexhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) |
| P-40a | Aircraft Industrial Facilities | P-5a | | - / 1,026.930 | - / 24.779 | - / 24.953 | - / 23.194 | - / 0.524 | - / 23.718 |
| P-40 | Total Gross/Weapon System Cost | | | - / 1,026.930 | - / 24.779 | - / 24.953 | - / 23.194 | - / 0.524 | - / 23.718 |
| <p>*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.</p> <p>Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.</p> | | | | | | | | | |
| <p>Justification: Decrease in Aircraft Industrial Facilities by \$0.781M as required for the Department of the Navy to comply with the Bipartisan Budget Act of 2015.</p> <p>Calibration Equipment: Funds are used to procure Calibration Standards (CALSTDs) and ancillary equipment for Aviation Fleet Intermediate Calibration Activities, Fleet Training Activities, Aviation Navy Calibration Laboratories (NCLs), and the Navy Primary Standards Laboratory (NPSL). CALSTDs procured for Fleet 'I' level use are to replace obsolete and/or irreparable equipment, expand technical measurement capabilities to decrease Depot support costs, reduce out-of-service turn around times, provide enhanced forward deployed geographic support and reduce/control the Naval Air Systems Command (NAVAIR) cost of ownership associated with Calibration. Fleet 'I' level calibration activities support 70% of the total Fleet calibration workload. Maintenance of Fleet calibration capability through this funding results in the release of more expensive Depot level support man-hours for more complex calibration maintenance and calibrations where economy of scale costs dictate single site or geographic calibration center capability. CALSTDs procured for NCLs and the NPSL allow for the automation and improvement of calibration procedures in order to reduce Fleet asset out-of-service and Turn around Time, expand technical calibration capabilities for enhanced in-theater Fleet support, and replace obsolete and high support cost CALSTDs.</p> <p>OCO: Replace five (5) Precision Air Data Calibrators and two (2) Shipboard/Aircraft Tachometer Standards. Calibration Standards (CALSTDs) in Operation Inherent Resolve theater are experiencing increased OPTEMPO resulting in multiple subcomponent failures and are requiring replacement at a higher rate than normal. Cost to overhaul inoperable CALSTDs often exceeds 70% of replacement cost. CALSTDs are precision equipment and the sole method used to ensure accuracy of all Aviation Test, Monitoring and Diagnostic Equipment (TMDE)/Support Equipment (SE) used in quantitative/diagnostic applications.</p> | | | | | | | | | |

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|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|
| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | Date: February 2016 | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | P-1 Line Item Number / Title: 0715 / Aircraft Industrial Facilities | | | | | | | Aggregated Items Title: Aircraft Industrial Facilities | | | | |

| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
|---|-------|----------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|
| | | | 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) |
| 1) Aircraft Industrial Facilities | | | | | | | | | | | | | | | | | | | | |
| 1.1) Automated / Interface CALSTDs (1)(†) | A | | 24,626.87 | 536 | 13.200 | 2,640.00 | 111 | 0.293 | 2,750.00 | 118 | 0.325 | 2,970.00 | 125 | 0.371 | - | - | - | 2,970.00 | 125 | 0.371 |
| 1.2) Low Frequency AC/DC CALSTDs (†) | A | | 139,120.10 | 766 | 106.566 | 10,476.72 | 451 | 4.725 | 10,683.52 | 455 | 4.861 | 10,564.90 | 416 | 4.395 | - | - | - | 10,564.90 | 416 | 4.395 |
| 1.3) Other CALSTDs Procurement (†) | A | | 26,186.37 | 719 | 18.828 | 5,890.00 | 94 | 0.554 | 5,920.00 | 97 | 0.574 | 6,110.00 | 112 | 0.684 | - | - | - | 6,110.00 | 112 | 0.684 |
| 1.4) Physical Dimen / Optical CALSTDs (†) | A | | 159,393.59 | 874 | 139.310 | 33,354.24 | 271 | 9.039 | 34,517.37 | 259 | 8.940 | 32,331.91 | 235 | 7.598 | 74,857.14 | 7 | 0.524 | 33,561.98 | 242 | 8.122 |
| 1.5) RF / Microwave CALSTDs (†) | A | | 126,217.29 | 856 | 108.042 | 12,437.24 | 478 | 5.945 | 12,557.89 | 475 | 5.965 | 12,543.48 | 460 | 5.770 | - | - | - | 12,543.48 | 460 | 5.770 |
| 1.6) Res / Impedance CALSTDs (†) | A | | 80,242.80 | 486 | 38.998 | 4,851.43 | 175 | 0.849 | 4,950.00 | 177 | 0.876 | 5,260.00 | 167 | 0.878 | - | - | - | 5,260.00 | 167 | 0.878 |
| 1.7) Logistics / Engineering Support | A | | - | - | 43.338 | - | - | 2.219 | - | - | 2.217 | - | - | 2.249 | - | - | - | - | - | 2.249 |
| 1.8) Production / Aquisition | A | | - | - | 74.916 | - | - | 1.155 | - | - | 1.195 | - | - | 1.249 | - | - | - | - | - | 1.249 |
| 1.9) Divestiture Support | A | | - | - | 483.732 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: 1) Aircraft Industrial Facilities | | | - | - | 1,026.930 | - | - | 24.779 | - | - | 24.953 | - | - | 23.194 | - | - | 0.524 | - | - | 23.718 |
| Total | | | - | - | 1,026.930 | - | - | 24.779 | - | - | 24.953 | - | - | 23.194 | - | - | 0.524 | - | - | 23.718 |

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

(†) indicates the presence of a P-5a

Footnotes:

(1) Each Cost Element with a Quantity represents a number of different end items. The Unit Cost is an average cost for all the end items in the Cost element.

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| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | | Date: February 2016 | | | |
|---|-------------|---------------------|---|--------------------------------------|-----------------|---------------|------------------------------|---------------|--|------------------------|-------------------------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | P-1 Line Item Number / Title: 0715 / Aircraft Industrial Facilities | | | | | | Aggregated Items: Aircraft Industrial Facilities | | | |
| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1) Aircraft Industrial Facilities | | | | | | | | | | | | |
| 1.1) Automated / Interface CALSTDs ⁽¹⁾ | | 2014 ⁽²⁾ | Various / Various | C / FP | Multiple | Oct 2013 | Oct 2013 | 95 | 2,590.00 | Y | | |
| 1.1) Automated / Interface CALSTDs ⁽¹⁾ | | 2015 | Various / Various | C / FP | Multiple | Oct 2014 | Oct 2014 | 111 | 2,640.00 | Y | | |
| 1.1) Automated / Interface CALSTDs ⁽¹⁾ | | 2016 | Various / Various | C / FP | Multiple | Oct 2015 | Oct 2015 | 118 | 2,750.00 | Y | | |
| 1.1) Automated / Interface CALSTDs ⁽¹⁾ | | 2017 | Various / Various | C / FP | Multiple | Oct 2016 | Oct 2016 | 125 | 2,970.00 | Y | | |
| 1.2) Low Frequency AC/DC CALSTDs | | 2014 | Various / Various | C / FP | Multiple | Oct 2013 | Oct 2013 | 248 | 17,633.06 | Y | | |
| 1.2) Low Frequency AC/DC CALSTDs | | 2015 | Various / Various | C / FP | Multiple | Oct 2014 | Oct 2014 | 445 | 10,319.10 | Y | | |
| 1.2) Low Frequency AC/DC CALSTDs | ✓ | 2015 | Various / Various | C / FP | Multiple | Oct 2014 | Oct 2014 | 6 | 22,166.67 | Y | | |
| 1.2) Low Frequency AC/DC CALSTDs | | 2016 | Various / Various | C / FP | Multiple | Oct 2015 | Oct 2015 | 449 | 10,525.61 | Y | | |
| 1.2) Low Frequency AC/DC CALSTDs | ✓ | 2016 | Various / Various | C / FP | Multiple | Oct 2015 | Oct 2015 | 6 | 22,433.00 | Y | | |
| 1.2) Low Frequency AC/DC CALSTDs | | 2017 | Various / Various | C / FP | Multiple | Oct 2016 | Oct 2016 | 416 | 10,564.90 | Y | | |
| 1.3) Other CALSTDs Procurement | | 2014 | Various / Various | C / FP | Multiple | Oct 2013 | Oct 2013 | 92 | 5,840.00 | Y | | |
| 1.3) Other CALSTDs Procurement | | 2015 | Various / Various | C / FP | Multiple | Oct 2014 | Oct 2014 | 94 | 5,890.00 | Y | | |
| 1.3) Other CALSTDs Procurement | | 2016 | Various / Various | C / FP | Multiple | Oct 2015 | Oct 2015 | 97 | 5,920.00 | Y | | |
| 1.3) Other CALSTDs Procurement | | 2017 | Various / Various | C / FP | Multiple | Oct 2016 | Oct 2016 | 112 | 6,110.00 | Y | | |
| 1.4) Physical Dimen / Optical CALSTDs | | 2014 | Various / Various | C / FP | Multiple | Oct 2013 | Oct 2013 | 325 | 30,366.15 | Y | | |
| 1.4) Physical Dimen / Optical CALSTDs | | 2015 | Various / Various | C / FP | Multiple | Oct 2014 | Oct 2014 | 258 | 32,341.09 | Y | | |
| 1.4) Physical Dimen / Optical CALSTDs | ✓ | 2015 | Various / Various | C / FP | Multiple | Oct 2014 | Oct 2014 | 13 | 53,461.54 | Y | | |
| 1.4) Physical Dimen / Optical CALSTDs | | 2016 | Various / Various | C / FP | Multiple | Oct 2015 | Oct 2015 | 247 | 33,364.37 | Y | | |
| 1.4) Physical Dimen / Optical CALSTDs | ✓ | 2016 | Various / Various | C / FP | Multiple | Oct 2015 | Oct 2015 | 12 | 58,250.00 | Y | | |
| 1.4) Physical Dimen / Optical CALSTDs | | 2017 | Various / Various | C / FP | Multiple | Oct 2016 | Oct 2016 | 235 | 32,331.91 | Y | | |

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|---|--|--|--|---|--|--|--|--|--|--|--|--|
| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | Date: February 2016 | | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | P-1 Line Item Number / Title: 0715 / Aircraft Industrial Facilities | | | | Aggregated Items: Aircraft Industrial Facilities | | | | |

| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revision Available | RFP Issue Date |
|---------------------------------------|-------------|------|-------------------------|--------------------------------------|-----------------|---------------|------------------------------|---------------|-------------------|------------------------|-------------------------------|-------------------|
| 1.4) Physical Dimen / Optical CALSTDs | ✓ | 2017 | Various / Various | C / FP | Multiple | Oct 2016 | Oct 2016 | 7 | 74,857.14 | Y | | |
| 1.5) RF / Microwave CALSTDs | | 2014 | Various / Various | C / FP | Multiple | Oct 2013 | Oct 2013 | 227 | 20,050.00 | Y | | |
| 1.5) RF / Microwave CALSTDs | | 2015 | Various / Various | C / FP | Multiple | Oct 2014 | Oct 2014 | 473 | 12,340.00 | Y | | |
| 1.5) RF / Microwave CALSTDs | ✓ | 2015 | Various / Various | C / FP | Multiple | Oct 2014 | Oct 2014 | 5 | 21,600.00 | Y | | |
| 1.5) RF / Microwave CALSTDs | | 2016 | Various / Various | C / FP | Multiple | Oct 2015 | Oct 2015 | 470 | 12,460.00 | Y | | |
| 1.5) RF / Microwave CALSTDs | ✓ | 2016 | Various / Various | C / FP | Multiple | Oct 2015 | Oct 2015 | 5 | 21,859.00 | Y | | |
| 1.5) RF / Microwave CALSTDs | | 2017 | Various / Various | C / FP | Multiple | Oct 2016 | Oct 2016 | 460 | 12,543.48 | Y | | |
| 1.6) Res / Impedance CALSTDs | | 2014 | Various / Various | C / FP | Multiple | Oct 2013 | Oct 2013 | 122 | 2,690.00 | Y | | |
| 1.6) Res / Impedance CALSTDs | | 2015 | Various / Various | C / FP | Multiple | Oct 2014 | Oct 2014 | 175 | 4,851.43 | Y | | |
| 1.6) Res / Impedance CALSTDs | | 2016 | Various / Various | C / FP | Multiple | Oct 2015 | Oct 2015 | 177 | 4,950.00 | Y | | |
| 1.6) Res / Impedance CALSTDs | | 2017 | Various / Various | C / FP | Multiple | Oct 2016 | Oct 2016 | 167 | 5,260.00 | Y | | |

Footnotes:

⁽²⁾ For Cost Elements 1.1 through 1.6: RFP Issue Date: Multiple; Award Date: Multiple; Contractor & Location: Various; Date of First Delivery: Multiple; Revisions Available: N/A

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

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|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities | P-1 Line Item Number / Title: 0720 / War Consumables |
|---|--|

| | | |
|--|--|---|
| ID Code (A=Service Ready, B=Not Service Ready): B | Program Elements for Code B Items: 0204164N, 0204161N | Other Related Program Elements: 0205633N |
|--|--|---|

| | |
|--------------------------------------|------------------------------------|
| Line Item MDAP/MAIS Code: N/A | Item MDAP/MAIS Code(s): N/A |
|--------------------------------------|------------------------------------|

| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 | To Complete | Total |
|---|----------------|---------------|---------------|---------------|-------------|---------------|---------------|---------------|---------------|---------------|-------------------|-------------------|
| Procurement Quantity (<i>Units in Each</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 845.327 | 15.939 | 38.027 | 40.613 | - | 40.613 | 43.277 | 42.525 | 43.245 | 44.115 | Continuing | Continuing |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 845.327 | 15.939 | 38.027 | 40.613 | - | 40.613 | 43.277 | 42.525 | 43.245 | 44.115 | Continuing | Continuing |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 845.327 | 15.939 | 38.027 | 40.613 | - | 40.613 | 43.277 | 42.525 | 43.245 | 44.115 | Continuing | Continuing |
| <i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i> | | | | | | | | | | | | |
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (<i>\$ in Dollars</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

The WAR CONSUMABLES P-1 line item has two subcategories: Common Aircraft Ancillary Equipment (AAE) and Aerial Refueling Stores (ARS). The Common AAE program procures, modifies and upgrades common bomb racks, peculiar bomb racks, missile launchers and related support for USN/USMC platforms. The ARS portion procures, modifies, and upgrades aerial refueling stores, External Fuel Tanks (EFT) and related support.

COMMON AIRCRAFT ANCILLARY EQUIPMENT (AAE)

As directed by OPNAVINST 8000.16B (Naval Ordnance Maintenance Management Program (NOMMP)), the appropriation provides for procurement of new AAE to replace attrition losses, provides for production engineering support and satisfies commonality policy goals set forth by the Navy's Strike Warfare Master Plan. Specifically, the following equipment is funded as AAE within the War Consumables budget:

- Upgrades, modifications and reliability improvements to common and peculiar bomb rack.
- Upgrades, modifications and reliability improvements to various missile launchers and associated equipment that support the following platforms: F/A-18 A-F, EA-18G, AV-8B, P-3C, EA-6B, AH-1W/Z, UH-1N/Y and MH-60R/S.
- Upgrades, modifications and reliability improvements to Pure Air Generating Systems (PAGS). There are two variants of PAGS, Marotta Pure Air Compression Technology (MPACT)/High Pressure Pure Air Generators (HiPPAG), currently in use as on-board coolant generator for missile launchers carrying infrared (IR) seeking missiles.
- Common PAGS Interface Assembly provides electrical connectivity and a conduit for nitrogen flow between the PAGS unit and the missile launcher.
- The BRU-55 is an upgrade to the BRU-33 CVER (Canted Vertical), with electronic upgrades, which allows for the carriage and release of two MIL-STD-1760 weapons from a single F/A-18 A-F station. The BRU-55 was developed by PMA-201 as part of the Mk-82 JDAM program.
- Digital Improved Triple Ejector Rack (DITER) increases the capability of the existing BRU-42 for the AV-8B by adding a smart carriage capability for weapons such as the Joint Direct Attack Munition (JDAM).
- Joint Miniature Munitions Bomb Rack Unit (JMM BRU) (BRU-61A/A) is required for operation and carriage of the Small Diameter Bomb II (SDB II) weapon. The BRU-61/A is currently in production for the USAF, but has not been qualified to DoN environments. BRU-61A/A will be carried on the threshold aircrafts F-35B and F-35C and the objective aircraft F/A-18 E/F for the Department of the Navy. FY18 is the first year of navy procurement of BRU-61A/A to support the SDB II warfighter requirements, Initial Operating Capability (IOC), First Article Acceptance Test (FAAT), and schoolhouse requirements.

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| Exhibit P-40, Budget Line Item Justification: PB 2017 Navy | | Date: February 2016 | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities | | P-1 Line Item Number / Title: 0720 / War Consumables | |
| ID Code (A=Service Ready, B=Not Service Ready): B | Program Elements for Code B Items: 0204164N, 0204161N | | Other Related Program Elements: 0205633N |
| Line Item MDAP/MAIS Code: N/A | Item MDAP/MAIS Code(s): N/A | | |
| <p>AERIAL REFUELING STORES (ARS)</p> <p>The ARS program finances Aerial Refueling Systems, EFT and related support. Requirements are determined by an inventory objective, which supports peacetime/wartime needs. Aircraft equipped with the A/ A42R-1 Aerial Refueling Stores (ARS) are required for all carrier based tanking missions overhead tanking (primarily recovery focused), strike and yo-yo tanking. Total reliance on the ARS and integration in the F/A-18E/F requires substantial improvements to the existing stores to ensure their viability through 2040. Investigation of major subsystems in pursuit of life cycle cost savings, mitigation of flight safety risk and reliability enhancements have identified a large dollar value return on investment for service life extension, reduction in flight safety risk and areas where reliability improvements can be realized.</p> <ul style="list-style-type: none"> - ARS upgrade to the avionics/electrical system - ARS upgrade to the drogue system - Replacement of External Fuel Tanks for F/A-18 (A-D variants), required to meet the Fleet Response plan and replace original equipment due to fatigue issues. - ARS Support Equipment - External Fuel Tank Support Equipment - Provides production support, modification, and modernization of ARS and EFT products. | | | |

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|---|---------------------------------------|--------------------|--|--|--|---|--|--|--|
| Exhibit P-40, Budget Line Item Justification: PB 2017 Navy | | | | | | | Date: February 2016 | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities | | | | | P-1 Line Item Number / Title: 0720 / War Consumables | | | | |
| ID Code (A=Service Ready, B=Not Service Ready): B | | | Program Elements for Code B Items: 0204164N, 0204161N | | | Other Related Program Elements: 0205633N | | | |
| Line Item MDAP/MAIS Code: N/A | | | Item MDAP/MAIS Code(s): N/A | | | | | | |
| Exhibits Schedule | | | | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total |
| Exhibit Type | Title* | Subexhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) |
| P-40a | War Consumables | P-5a, P-21 | | - / 845.327 | - / 15.939 | - / 38.027 | - / 40.613 | - / - | - / 40.613 |
| P-40 | Total Gross/Weapon System Cost | | | - / 845.327 | - / 15.939 | - / 38.027 | - / 40.613 | - / - | - / 40.613 |
| <p>*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.</p> <p>Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.</p> | | | | | | | | | |
| <p>Justification: Decrease in War Consumables by \$1.163M as required for the Department of the Navy to comply with the Bipartisan Budget Act of 2015.</p> <p>FY17 Provides funding to procure, modify and/or upgrade bomb racks and missile launchers, BRU-55, ARS and associated support. FY17 procurements support the following platforms: F/A-18 A-F, EA-18G, AV-8B, P-3C, EA-6B, AH-1W/Z, UH-1N/Y and MH-60R/S.</p> | | | | | | | | | |

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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | Date: February 2016 | | | | | |
|---|-------|----------------|----------------|------------|-------------------|---|------------|-------------------|----------------|------------|-------------------|--|------------|-------------------|---------------------|------------|-------------------|----------------|------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | P-1 Line Item Number / Title: 0720 / War Consumables | | | | | | Aggregated Items Title: War Consumables | | | | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
| | | | 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) |
| 1) Common AAE | | | | | | | | | | | | | | | | | | | | |
| 1.1) Bomb Rack Mod Kits & Install ⁽¹⁾ | A | | - | - | 32.539 | - | - | 0.483 | - | - | 1.577 | - | - | 1.745 | - | - | - | - | - | 1.745 |
| 1.2) Launcher Upgrade & Installation ⁽²⁾ | A | | - | - | 45.909 | - | - | 2.897 | - | - | 1.625 | - | - | 1.789 | - | - | - | - | - | 1.789 |
| 1.3) LAU-7 ^(t) | A | | 37,398.00 | 2,000 | 74.796 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.4) Pure Air Generating System MPACT | A | | 18,395.53 | 1,163 | 21.394 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.5) High Pressure Pure Air Generator HiPPAG | A | | 43,672.89 | 1,608 | 70.226 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.6) Common Interface Assembly | A | | 494.29 | 2,013 | 0.995 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.7) Rack and Launcher Test Set ⁽³⁾ | A | | - | - | 1.308 | - | - | 1.417 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.8) External Fuel Tanks | A | | 52,337.50 | 1,200 | 62.805 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.9) External Fuel Tanks* | A | | 41,083.33 | 24 | 0.986 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.10) External Fuel Tank Support Equipment | A | | - | - | 3.344 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.11) BRU-55 ^{(4)(t)} | A | | 111,175.56 | 450 | 50.029 | - | - | - | 101,108.33 | 240 | 24.266 | 103,885.06 | 261 | 27.114 | - | - | - | 103,885.06 | 261 | 27.114 |
| 1.12) Digital ITER ^(t) | B | | 72,792.45 | 159 | 11.574 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.17) ILS | A | | - | - | 10.559 | - | - | 1.317 | - | - | 1.094 | - | - | 1.115 | - | - | - | - | - | 1.115 |
| 1.18) Product Improvement | A | | - | - | 36.895 | - | - | 1.355 | - | - | 0.930 | - | - | 0.948 | - | - | - | - | - | 0.948 |
| 1.19) Product Engineering | A | | - | - | 42.972 | - | - | 1.457 | - | - | 1.403 | - | - | 1.431 | - | - | - | - | - | 1.431 |
| 1.20) Various ⁽⁵⁾ | A | | - | - | 131.124 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: 1) Common AAE | | | - | - | 597.455 | - | - | 8.926 | - | - | 30.895 | - | - | 34.142 | - | - | - | - | - | 34.142 |
| 2) Aerial Refueling Stores | | | | | | | | | | | | | | | | | | | | |
| 2.1) External Fuel Tanks | A | | 41,084.21 | 190 | 7.806 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.2) Aerial Refueling Stores ⁽⁶⁾ | A | | - | - | 62.215 | - | - | 4.807 | - | - | 4.889 | - | - | 4.187 | - | - | - | - | - | 4.187 |
| 2.3) Product Support ⁽⁷⁾ | A | | - | - | 15.891 | - | - | 2.206 | - | - | 2.243 | - | - | 2.284 | - | - | - | - | - | 2.284 |
| 2.4) Various | A | | - | - | 161.960 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | Date: February 2016 | | | | | |
|---|-------|----------------|----------------|------------|-------------------|----------------|---|-------------------|----------------|------------|-------------------|----------------|------------|--|---------------------|------------|-------------------|----------------|------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | P-1 Line Item Number / Title: 0720 / War Consumables | | | | | | | Aggregated Items Title: War Consumables | | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
| | | | 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: 2) Aerial Refueling Stores | | | - | - | 247.872 | - | - | 7.013 | - | - | 7.132 | - | - | 6.471 | - | - | - | - | - | 6.471 |
| Total | | | - | - | 845.327 | - | - | 15.939 | - | - | 38.027 | - | - | 40.613 | - | - | - | - | - | 40.613 |

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

(†) indicates the presence of a P-5a

Footnotes:

- (1) Fluctuations in funding from year to year are based on the required modifications and upgrades to support multiple aircraft T/M/S. Additionally, any decrease in funding causes increased requirements in the out years to maintain fleet readiness. The fluctuations in requirements and funding forces the budget line to exceed the OSD standard inflation rate.
- (2) Fluctuations in funding from year to year are based on the required modifications and upgrades to support multiple aircraft T/M/S. Additionally, any decrease in funding causes increased requirements in the out years to maintain fleet readiness. The fluctuations in requirements and funding forces the budget line to exceed the OSD standard inflation rate.
- (3) Realignment of funding in FY 2015 and Prior Years from Bomb Rack Mod Kits & Install (1.1) for actual execution.
- (4) FY17 BRU-55 quantity is derived from the OPNAVINST 8000.16B Naval Ordnance Maintenance Management Program (NOMMP) that provides the fleet's requirements for bomb rack modifications and upgrades. The FY16 and FY17 unit prices are based on an inflated dollar value from the FY13/14 procurement and also include the price of the government furnished material (GFM); which is not included in the previous contract award.
- (5) The amount identified against this cost element reflects total prior year funding associated with equipment no longer procured.
- (6) Fluctuations in funding from year to year are based on the required modifications and upgrades to support multiple aircraft T/M/S. Additionally, any decrease in funding causes increased requirements in the out years to maintain fleet readiness. The fluctuations in requirements and funding forces the budget line to exceed the OSD standard inflation rate.
- (7) FY17 Product Support funding is provided for production engineering support and integrated logistics support for the Aerial Refueling Stores program.

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| Exhibit P-5a, Procurement History and Planning: PB 2017 Navy | | | | | | | | Date: February 2016 | | | | |
|---|-------------|----------------------|--|--------------------------------------|-----------------|---------------|------------------------------|---|-------------------|------------------------|-------------------------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | P-1 Line Item Number / Title: 0720 / War Consumables | | | | | Aggregated Items: War Consumables | | | | |
| Item Number / Title [DODIC] | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost (\$) | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1) Common AAE | | | | | | | | | | | | |
| 1.3) LAU-7 ^(†) | | 2010 ⁽⁸⁾ | Marvin Eng. / Inglewood, CA | C / FP | NAVAIR | Mar 2010 | Aug 2016 | 373 | 31,413.00 | Y | | Mar 2008 |
| 1.11) BRU-55 ^{(4)(†)} | | 2013 ⁽⁹⁾ | ITT ⁽¹⁰⁾ / Amityville, NY | SS / FFP | NAVAIR | Dec 2013 | Jul 2015 | 421 | 86,902.61 | Y | | Nov 2012 |
| 1.11) BRU-55 ^{(4)(†)} | | 2014 | ITT ⁽¹⁰⁾ / Amityville, NY | SS / FFP | NAVAIR | Dec 2013 | Nov 2016 | 29 | 84,655.17 | Y | | Nov 2012 |
| 1.11) BRU-55 ^{(4)(†)} | | 2016 ⁽¹¹⁾ | ITT ⁽¹²⁾ / Amityville, NY | SS / FFP | NAVAIR | Mar 2016 | May 2017 | 240 | 101,108.33 | Y | | Apr 2015 |
| 1.11) BRU-55 ^{(4)(†)} | | 2017 ⁽¹³⁾ | ITT ⁽¹²⁾ / Amityville, NY | SS / FFP | NAVAIR | Nov 2016 | May 2018 | 261 | 103,885.06 | Y | | Apr 2015 |
| 1.12) Digital ITER ^(†) | | 2012 ⁽¹⁴⁾ | ITT / Amityville, NY | SS / FP | NAVAIR | Oct 2013 | Aug 2015 | 159 | 72,792.45 | Y | | Mar 2010 |

^(†) indicates the presence of a P-21

Footnotes:

⁽⁸⁾ Date of first delivery has slipped from May 2014 to August 2016 due to a manufacturer component that is required to be redesigned.

⁽⁹⁾ Contract award date updated from November 2013 to December 2013 due to the date being incorrectly captured in previous budgets. The true contract award date was December 19, 2013. Due to the contract award date being updated, this then pushed out the date of the first delivery to July 2015.

⁽¹⁰⁾ Annual Production Rates were updated to reflect more accurate information and delivery schedule was updated accordingly.

⁽¹¹⁾ Contract award date was delayed from December 2015 to March 2016.

⁽¹²⁾ Annual Production Rates were updated to reflect more accurate information and delivery schedule was updated accordingly.

⁽¹³⁾ FY17 BRU-55 quantity is derived from the OPNAVINST 8000.16B Naval Ordnance Maintenance Management Program (NOMMP) that provides the fleet's requirements for bomb rack modifications and upgrades. The unit price is based on an inflated dollar value from the FY13/14 procurement while negotiations are in process.

⁽¹⁴⁾ Date of first delivery has slipped from June 2015 to August 2015 due to the prime contractor experiencing delays with material procurement. Material has been procured and deliveries will complete May 2016.

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| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | |
|--|-------|------|---------|----------|----------------------------|---------------------|--------------------|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|--------------------|-----|-----|-----|-----|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|---------|-----|-----|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0720 / War Consumables | | | | | | | | | | | | | Aggregated Items: War Consumables | | | | | | | | | | |
| Items <i>(Units in Each)</i> | | | | | | | Fiscal Year 2010 | | | | | | | | | | | Fiscal Year 2011 | | | | | | | | | | | | | BALANCE | | |
| OCO | MFR # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2009 | BAL DUE AS OF 1 OCT | Calendar Year 2010 | | | | | | | | | | | Calendar Year 2011 | | | | | | | | | | | | | | | |
| | | | | | | | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | | |
| 1) Common AAE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.3) LAU-7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 1627 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24 | 2010 | NAVY | | 373 | - | 373 | | | | | | A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 373 | |
| 1.11) BRU-55 ⁽⁴⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 25 | 2013 | NAVY | | 421 ⁽¹⁵⁾ | - | 421 | | | | | | | | | | | | | | | | | | | | | | | | | | 421 |
| | 25 | 2014 | NAVY | | 29 | - | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | 29 |
| | 26 | 2016 | NAVY | | 240 | - | 240 | | | | | | | | | | | | | | | | | | | | | | | | | | 240 |
| | 26 | 2017 | NAVY | | 261 | - | 261 | | | | | | | | | | | | | | | | | | | | | | | | | | 261 |
| 1.12) Digital ITER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 27 | 2012 | NAVY | | 159 | - | 159 | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | 159 | |

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| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | | |
|--|------------------|------|---------|---------------------|--|------------------------------|--------------------|-------------|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|--------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|-----|--|-----|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0720 / War Consumables | | | | | | | | | | | | | Aggregated Items: War Consumables | | | | | | | | | | | |
| Items <i>(Units in Each)</i> | | | | | | | Fiscal Year 2012 | | | | | | | | | | | Fiscal Year 2013 | | | | | | | | | | | | | BALANCE | | | |
| O C C O | M F R # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2011 | BAL DUE AS OF 1 OCT | Calendar Year 2012 | | | | | | | | | | | Calendar Year 2013 | | | | | | | | | | | | | | | | |
| | | | | | | | 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) Common AAE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.3) LAU-7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 1627 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24 | 2010 | NAVY | 373 | - | 373 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 373 | | |
| 1.11) BRU-55 ⁽⁴⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 25 | 2013 | NAVY | 421 ⁽¹⁵⁾ | - | 421 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 421 |
| | 25 | 2014 | NAVY | 29 | - | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29 |
| | 26 | 2016 | NAVY | 240 | - | 240 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 240 |
| | 26 | 2017 | NAVY | 261 | - | 261 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 261 |
| 1.12) Digital ITER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 27 | 2012 | NAVY | 159 | - | 159 | 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 | 159 | | | |

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| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | | | |
|--|------------------|------|---------|---------------------|--|------------------------------|--------------------|-------------|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|--------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----|-----|--|--|---------------------------------|-----|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0720 / War Consumables | | | | | | | | | | | | | | Aggregated Items: War Consumables | | | | | | | | | | | | |
| Items <i>(Units in Each)</i> | | | | | | | Fiscal Year 2014 | | | | | | | | | | | | | | Fiscal Year 2015 | | | | | | | | | | | | | | B A L A N C E | |
| O C C O | M F R # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2013 | BAL DUE AS OF 1 OCT | Calendar Year 2014 | | | | | | | | | | | | | | Calendar Year 2015 | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | | | | |
| 1) Common AAE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.3) LAU-7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 1627 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24 | 2010 | NAVY | 373 | - | 373 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 373 | | | | |
| 1.11) BRU-55 ⁽⁴⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 25 | 2013 | NAVY | 421 ⁽¹⁵⁾ | - | 421 | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 20 | 10 | 36 | 355 | | | | |
| | 25 | 2014 | NAVY | 29 | - | 29 | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 29 | | | | |
| | 26 | 2016 | NAVY | 240 | - | 240 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 240 |
| | 26 | 2017 | NAVY | 261 | - | 261 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 261 |
| 1.12) Digital ITER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 27 | 2012 | NAVY | 159 | - | 159 | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | 7 | 147 | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | | | | |

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| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | | | | | | | | |
|--|-------|------|---------|----------|----------------------------|---------------------|--------------------|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|--------------------|-----|-----|-----|--------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|---|---|---|---|---|---|-----|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0720 / War Consumables | | | | | | | | | | | | | Aggregated Items: War Consumables | | | | | | | | | | | | | | | | | |
| Items <i>(Units in Each)</i> | | | | | | | Fiscal Year 2016 | | | | | | | | | | | | Fiscal Year 2017 | | | | | | | | | | | | | BALANCE | | | | | | | | |
| OCO | MFR # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2015 | BAL DUE AS OF 1 OCT | Calendar Year 2016 | | | | | | | | | | | | Calendar Year 2017 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | | | | | | | | | |
| 1) Common AAE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.3) LAU-7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 1627 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24 | 2010 | NAVY | | 373 | - | 373 | - | - | - | - | - | - | - | - | - | 148 | 55 | 55 | 55 | 55 | 5 | | | | | | | | | | | - | | | | | | | |
| 1.11) BRU-55 ⁽⁴⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 25 | 2013 | NAVY | | 421 ⁽¹⁵⁾ | 66 | 355 | 33 | 17 | 40 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 15 | | | | | | | | | | | - | | | | | | | | | |
| | 25 | 2014 | NAVY | | 29 | - | 29 | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 19 | | | | | | | | | | | - | | | | | | | | |
| | 26 | 2016 | NAVY | | 240 | - | 240 | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | 20 | 20 | 20 | 20 | 20 | 140 | | | | | | | |
| | 26 | 2017 | NAVY | | 261 | - | 261 | | | | | | | | | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | 261 |
| 1.12) Digital ITER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 27 | 2012 | NAVY | | 159 | 12 | 147 | 9 | 7 | 15 | 24 | 30 | 30 | 28 | 4 | | | | | | | | | | | | | | | | | | | - | | | | | | |
| | | | | | | | | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | | | | | | | | |

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| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | | | | | | | | | | | | | | | | Date: February 2016 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------|------|---------|---------------------|--|------------------------------|--------------------|-------------|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|--------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|---------|--|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | | | | P-1 Line Item Number / Title: 0720 / War Consumables | | | | | | | | | | | | | Aggregated Items: War Consumables | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Items <i>(Units in Each)</i> | | | | | | | Fiscal Year 2018 | | | | | | | | | | | | Fiscal Year 2019 | | | | | | | | | | | | | BALANCE | | | | | | | | | | | | | | | | | | | | | |
| O C C O | M F R # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2017 | BAL DUE AS OF 1 OCT | Calendar Year 2018 | | | | | | | | | | | | Calendar Year 2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | | | | | | | | | | | | | | | | | | | | | | | |
| 1) Common AAE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.3) LAU-7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Years Deliveries: 1627 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24 | 2010 | NAVY | 373 | 373 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | | | | | | | | | | | | | | | | |
| 1.11) BRU-55 ⁽⁴⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 25 | 2013 | NAVY | 421 ⁽¹⁵⁾ | 421 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | | | | | | | | | | | | | | | | |
| | 25 | 2014 | NAVY | 29 | 29 | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | | | | | | | | | | | | | | | | | | |
| | 26 | 2016 | NAVY | 240 | 100 | 140 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | - |
| | 26 | 2017 | NAVY | 261 | - | 261 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | - | - | - | - | - | - | - | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | - |
| 1.12) Digital ITER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 27 | 2012 | NAVY | 159 | 159 | - | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | - | | | | | | | | | | | | | | | | | | | | | | |

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|---|--|--|--|--|--|--|--|----------------------------|---|--|--|
| Exhibit P-21, Production Schedule: PB 2017 Navy | | | | | | | | Date: February 2016 | | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | P-1 Line Item Number / Title: 0720 / War Consumables | | | | Aggregated Items: War Consumables | | |

| MFR Ref # | Manufacturer Name - Location | Production Rates (Each / Year) | | | Procurement Leadtime (Months) | | | | | | | |
|-----------------|--------------------------------------|--------------------------------|----------------|--------------|-------------------------------|--------------------|----------------------|----------------------|-----------------------|--------------------|----------------------|----------------------|
| | | MSR For 2017 | 1-8-5 For 2017 | MAX For 2017 | Initial | | | | Reorder | | | |
| | | | | | ALT Prior to Oct 1 | ALT After Oct 1 | Manufacturing PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Manufacturing PLT | Total After Oct 1 |
| 1 | Marvin Eng. - Inglewood, CA | 300 | 450 | 600 | - | - | - | - | - | 6 | 24 | 30 |
| 2 | ITT ⁽¹⁰⁾ - Amityville, NY | 60 | 180 | 300 | - | 2 | 19 | 21 | - | 3 | 35 | 38 |
| 3 | ITT ⁽¹²⁾ - Amityville, NY | 60 | 180 | 300 | - | 6 | 14 | 20 | - | 2 | 18 | 20 |
| 4 | ITT - Amityville, NY | 75 | 147 | 200 | - | 1 | 20 | 21 | - | - | - | - |

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Footnotes:

⁽¹⁰⁾ Annual Production Rates were updated to reflect more accurate information and delivery schedule was updated accordingly.

⁽¹²⁾ Annual Production Rates were updated to reflect more accurate information and delivery schedule was updated accordingly.

⁽¹⁵⁾ Contract for the FY13 procurement was broken out on 2 CLINs, with two different period of performances. A quantity of 300 on one CLIN to deliver in 12 Months and 121 on the other CLIN to deliver the subsequent 5 months for a 17 Month FY13 delivery.

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|---|--------------------|----------------|------------------------------------|---|--------------------|----------------------|---|--|----------------|----------------------------|--------------------|-------------------|
| Exhibit P-40, Budget Line Item Justification: PB 2017 Navy | | | | | | | | | | Date: February 2016 | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities | | | | | | | P-1 Line Item Number / Title: 0725 / Other Production Charges | | | | | |
| ID Code (A=Service Ready, B=Not Service Ready): A | | | | Program Elements for Code B Items: N/A | | | | Other Related Program Elements: N/A | | | | |
| Line Item MDAP/MAIS Code: N/A | | | Item MDAP/MAIS Code(s): N/A | | | | | | | | | |
| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 | To Complete | Total |
| Procurement Quantity (<i>Units in Each</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 196.136 | 5.630 | 2.455 | 0.860 | - | 0.860 | 1.458 | 1.468 | 21.796 | 22.066 | Continuing | Continuing |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 196.136 | 5.630 | 2.455 | 0.860 | - | 0.860 | 1.458 | 1.468 | 21.796 | 22.066 | Continuing | Continuing |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 196.136 | 5.630 | 2.455 | 0.860 | - | 0.860 | 1.458 | 1.468 | 21.796 | 22.066 | Continuing | Continuing |
| <i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i> | | | | | | | | | | | | |
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (<i>\$ in Dollars</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:
 The Other Production Charges line provides funds for miscellaneous production support and testing services, aircraft pods, and instrumentation packages supporting tactical aircrew combat training and mobile sea range systems. The budget request supports the following efforts:

TACTICAL COMBAT TRAINING SYSTEM (TCTS):
 The TCTS program will procure fixed, transportable and mobile range equipment for the Navy for both shore-based (aircrew training) and deployable (ship/aircrew training) applications. TCTS instrumentation will transmit and track instrumented exercise participants and events (e.g., weapons engagements), and provide accurate, realistic, and timely exercise feedback. TCTS is building on technology developed for existing tactical training range systems. Increment I procurement primarily acquires airborne instrumentation Participant Subsystems (PS) for F/A-18 and other tactical aircraft via Airborne Subsystems (AS). Increment II will provide encryption capability for PS and a Rotary and Transport Aircraft Rack-mounted Subsystems (RS).

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| Exhibit P-40, Budget Line Item Justification: PB 2017 Navy | | | | | | | Date: February 2016 | | |
|--|---------------------------------------|------------------------------------|---|--|---|--|--|--|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities | | | | | P-1 Line Item Number / Title: 0725 / Other Production Charges | | | | |
| ID Code (A=Service Ready, B=Not Service Ready): A | | | Program Elements for Code B Items: N/A | | | Other Related Program Elements: N/A | | | |
| Line Item MDAP/MAIS Code: N/A | | Item MDAP/MAIS Code(s): N/A | | | | | | | |
| Exhibits Schedule | | | | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total |
| Exhibit Type | Title* | Subexhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) |
| P-40a | Other Production Charges | | | - / 196.136 | - / 5.630 | - / 2.455 | - / 0.860 | - / - | - / 0.860 |
| P-40 | Total Gross/Weapon System Cost | | | - / 196.136 | - / 5.630 | - / 2.455 | - / 0.860 | - / - | - / 0.860 |
| <small>*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown. Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.</small> | | | | | | | | | |

Justification:

Decrease in Other Production Charges by \$0.023M as required for the Department of the Navy to comply with the Bipartisan Budget Act of 2015.

Basis for FY 2017 Budget Request: Funds are requested in FY 2017 to procure TCTS Increment I Block 5 Upgrades to support improved TCTS Increment I Pod performance for the Fleet.

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| Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Navy | | | | | | | | | | | | | | | Date: February 2016 | | | | | |
|---|-------|----------------|----------------|------------|-------------------|----------------|--|-------------------|----------------|------------|-------------------|----------------|------------|-------------------|---|------------|-------------------|----------------|------------|-------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 07 / 1 | | | | | | | P-1 Line Item Number / Title: 0725 / Other Production Charges | | | | | | | | Aggregated Items Title: Other Production Charges | | | | | |
| Item Number / Title [DODIC] | ID CD | MDAP/MAIS Code | Prior Years | | | FY 2015 | | | FY 2016 | | | FY 2017 Base | | | FY 2017 OCO | | | FY 2017 Total | | |
| | | | 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) |
| 1) Tactical Combat Training System | | | | | | | | | | | | | | | | | | | | |
| 1.1) Participant Subsystem | A | | - | - | 96.267 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.2) TCTS Increment I Block Upgrade | A | | - | - | 3.600 | - | - | 4.198 | - | - | 0.788 | - | - | 0.400 | - | - | - | - | - | 0.400 |
| 1.3) Integrated Logistics Support | A | | - | - | 10.995 | - | - | 0.272 | - | - | 0.285 | - | - | 0.110 | - | - | - | - | - | 0.110 |
| 1.4) Acceptance Test | A | | - | - | 6.472 | - | - | 0.251 | - | - | 0.255 | - | - | 0.248 | - | - | - | - | - | 0.248 |
| 1.5) Production Engineering | A | | - | - | 2.753 | - | - | 0.861 | - | - | 1.079 | - | - | 0.074 | - | - | - | - | - | 0.074 |
| 1.6) Production Support | A | | - | - | 0.202 | - | - | 0.048 | - | - | 0.048 | - | - | 0.028 | - | - | - | - | - | 0.028 |
| 1.7) Non Recurring | A | | - | - | 75.847 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: 1) Tactical Combat Training System | | | - | - | 196.136 | - | - | 5.630 | - | - | 2.455 | - | - | 0.860 | - | - | - | - | - | 0.860 |
| Total | | | - | - | 196.136 | - | - | 5.630 | - | - | 2.455 | - | - | 0.860 | - | - | - | - | - | 0.860 |

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

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| Exhibit P-40, Budget Line Item Justification: PB 2017 Navy | | | | | | | | | | Date: February 2016 | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities | | | | | | | P-1 Line Item Number / Title: 0735 / Special Support Equipment | | | | | |
| ID Code (A=Service Ready, B=Not Service Ready): A | | | | Program Elements for Code B Items: N/A | | | | Other Related Program Elements: N/A | | | | |
| Line Item MDAP/MAIS Code: N/A | | | | | | | | | | | | |
| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 | To Complete | Total |
| Procurement Quantity (<i>Units in Each</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 1,338.130 | 60.339 | 50.859 | 36.282 | - | 36.282 | 26.247 | 41.980 | 31.174 | 31.794 | Continuing | Continuing |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 1,338.130 | 60.339 | 50.859 | 36.282 | - | 36.282 | 26.247 | 41.980 | 31.174 | 31.794 | Continuing | Continuing |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 1,338.130 | 60.339 | 50.859 | 36.282 | - | 36.282 | 26.247 | 41.980 | 31.174 | 31.794 | Continuing | Continuing |
| <i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i> | | | | | | | | | | | | |
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (<i>\$ in Dollars</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Description: Details of this P-1 item are classified. | | | | | | | | | | | | |
| Justification: Justification of this request is provided separately. This line item is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress. | | | | | | | | | | | | |

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| Exhibit P-40, Budget Line Item Justification: PB 2017 Navy | | | | | | | | | | Date: February 2016 | | |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 07: Aircraft Support Equip & Facilities / BSA 1: Aircraft Support Equip & Facilities | | | | | | | P-1 Line Item Number / Title: 0740 / First Destination Transportation | | | | | |
| ID Code (A=Service Ready, B=Not Service Ready): A | | | | Program Elements for Code B Items: N/A | | | | Other Related Program Elements: N/A | | | | |
| Line Item MDAP/MAIS Code: N/A | | | | | | | | | | | | |
| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 | To Complete | Total |
| Procurement Quantity (<i>Units in Each</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 81.803 | 1.168 | 1.801 | 1.523 | - | 1.523 | 1.977 | 1.970 | 1.921 | 1.960 | Continuing | Continuing |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 81.803 | 1.168 | 1.801 | 1.523 | - | 1.523 | 1.977 | 1.970 | 1.921 | 1.960 | Continuing | Continuing |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 81.803 | 1.168 | 1.801 | 1.523 | - | 1.523 | 1.977 | 1.970 | 1.921 | 1.960 | Continuing | Continuing |
| <i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i> | | | | | | | | | | | | |
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (<i>\$ in Dollars</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Description: This line finances the movement of newly procured equipment and material from the contractor's plant to the initial point of receipt by the Government. | | | | | | | | | | | | |
| Justification: The FY 2017 funding request was reduced by \$0.217M to account for the availability of prior year execution balances. Decrease in First Destination Transportation by \$0.074M as required for the Department of the Navy to comply with the Bipartisan Budget Act of 2015. Funds are requested for the FY 2017 First Destination Transportation requirements. | | | | | | | | | | | | |

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