

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2020 Navy **Date:** March 2019

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| Appropriation / Budget Activity / Budget Sub Activity: 1507N: Weapons Procurement, Navy / BA 02: Other Missiles / BSA 2: Tactical Missiles | P-1 Line Item Number / Title: 2248 / Joint Air Ground Missile (JAGM) |
|--|--|

| | | |
|---|--|-------------------------------------|
| 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

| Resource Summary | Prior Years | FY 2018 | FY 2019 | FY 2020 Base | FY 2020 OCO | FY 2020 Total | FY 2021 | FY 2022 | FY 2023 | FY 2024 | To Complete | Total |
|---|---------------|--------------|---------------|--------------|---------------|---------------|----------------|---------------|---------------|---------------|------------------|------------------|
| Procurement Quantity (<i>Units in Each</i>) | 104 | - | 75 | - | 382 | 382 | 481 | 195 | 322 | 312 | 4,435 | 6,306 |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 21.922 | 3.789 | 24.109 | 0.000 | 90.966 | 90.966 | 114.371 | 50.418 | 76.246 | 77.770 | 1,204.238 | 1,663.829 |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 21.922 | 3.789 | 24.109 | 0.000 | 90.966 | 90.966 | 114.371 | 50.418 | 76.246 | 77.770 | 1,204.238 | 1,663.829 |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 21.922 | 3.789 | 24.109 | 0.000 | 90.966 | 90.966 | 114.371 | 50.418 | 76.246 | 77.770 | 1,204.238 | 1,663.829 |

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

| | | | | | | | | | | | | |
|--|------------|---|------------|---|------------|------------|------------|------------|------------|------------|------------|------------|
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (<i>\$ in Dollars</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>) | 210,788.46 | - | 321,453.33 | - | 238,130.89 | 238,130.89 | 237,777.55 | 258,553.85 | 236,788.82 | 249,262.82 | 271,530.55 | 263,848.56 |

Description:

The Joint Air-to-Ground Missile (JAGM) is an air-launched missile system that will incorporate multi-mode seeker technology thus providing advanced Line-of-Sight and Beyond-Line-of-Sight precision fire and-forget seeker targeting capabilities resulting in increased lethality against soft, hardened, moving, stationary, land and maritime threats. JAGM improves the warfighter's capability in adverse weather, day or night, and in obscured/countermeasure environments. The JAGM Increment 1 system will replace aviation-launched, Tube-launched, Optically-tracked, Wire-guided (TOW) missile, and Helicopter Launched Fire-&-Forget (HELLFIRE) Missile Systems. JAGM is an Army-led joint program that addresses rotary wing and unmanned aerial vehicle requirements. The Department of Navy threshold platform is the AH-1Z. The JAGM system includes missile, trainers, containers, support equipment, and software modifications to the M-299 launcher. Missile configurations include the JAGM Tactical Missile, Captive Air Training Missile and Air Training Missile.

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Exhibit P-40, Budget Line Item Justification: PB 2020 Navy **Date:** March 2019

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| Appropriation / Budget Activity / Budget Sub Activity: 1507N: Weapons Procurement, Navy / BA 02: Other Missiles / BSA 2: Tactical Missiles | P-1 Line Item Number / Title: 2248 / Joint Air Ground Missile (JAGM) |
|--|--|

| | | |
|---|--|-------------------------------------|
| 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

| Exhibits Schedule | | | | | Prior Years | FY 2018 | FY 2019 | FY 2020 Base | FY 2020 OCO | FY 2020 Total |
|-------------------|---------------------------------------|-------------|-------|----------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Exhibit Type | Title* | Subexhibits | ID CD | MDAP/MAIS Code | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) |
| P-5 | 1 / Joint Air Ground Missile (JAGM) | P-5a, P-21 | | | 104 / 21.922 | - / 3.789 | 75 / 24.109 | - / 0.000 | 382 / 90.966 | 382 / 90.966 |
| P-40 | Total Gross/Weapon System Cost | | | | 104 / 21.922 | - / 3.789 | 75 / 24.109 | - / 0.000 | 382 / 90.966 | 382 / 90.966 |

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

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

Justification:
 OCO:
 FY2020 funding supports the procurement of JAGM All Up Rounds (AURs) to replace Hellfire inventory that has been expended in support of Operation Inherent Resolve (OIR) and enduring efforts. The assets are replacing expenditures that occurred from October 1, 2012 through December 2, 2016. There is currently no Hellfire variant in production that is integrated with DoN platforms and since JAGM is the successor to Hellfire, the combat expenditures are being replaced with the JAGM.

Funding is also to support 4 Captive Air Training Missiles (CATMs), Other Production Support (OPS), and production related engineering and logistics support.

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| Exhibit P-5, Cost Analysis: PB 2020 Navy | | Date: March 2019 |
| Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2 | P-1 Line Item Number / Title: 2248 / Joint Air Ground Missile (JAGM) | Item Number / Title [DODIC]: 1 / Joint Air Ground Missile (JAGM) |

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

| Resource Summary | Prior Years | FY 2018 | FY 2019 | FY 2020 Base | FY 2020 OCO | FY 2020 Total |
|--|---------------|--------------|---------------|--------------|---------------|---------------|
| Procurement Quantity (Units in Each) | 104 | - | 75 | - | 382 | 382 |
| Gross/Weapon System Cost (\$ in Millions) | 21.922 | 3.789 | 24.109 | 0.000 | 90.966 | 90.966 |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - |
| Net Procurement (P-1) (\$ in Millions) | 21.922 | 3.789 | 24.109 | 0.000 | 90.966 | 90.966 |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 21.922 | 3.789 | 24.109 | 0.000 | 90.966 | 90.966 |

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

| | | | | | | |
|---|------------|---|------------|---|------------|------------|
| Initial Spares (\$ in Millions) | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | 210,788.46 | - | 321,453.33 | - | 238,130.89 | 238,130.89 |

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

| Cost Elements | Prior Years | | | FY 2018 | | | FY 2019 | | | FY 2020 Base | | | FY 2020 OCO | | | FY 2020 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) |
| Hardware Cost | | | | | | | | | | | | | | | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.1.1) (JG010) JAGM All-Up-Round (AUR) ⁽¹⁾ | 180,320.00 | 100 | 18.032 | - | - | - | 220,871.00 | 71 | 15.682 | - | - | 0.000 | 213,973.00 | 382 | 81.738 | 213,973.00 | 382 | 81.738 |
| 1.1.3) (JG300) Training Missiles ⁽²⁾ | 196,000.00 | 4 | 0.784 | - | - | - | 220,871.00 | 4 | 0.883 | - | - | - | - | - | - | - | - | - |
| 1.1.4) (JG301) Captive Air Training Missile ⁽³⁾ | - | - | - | - | - | - | - | - | - | - | - | 0.000 | 188,042.00 | 4 | 0.752 | 188,042.00 | 4 | 0.752 |
| <i>Subtotal: Recurring Cost</i> | - | - | 18.816 | - | - | - | - | - | 16.565 | - | - | 0.000 | - | - | 82.490 | - | - | 82.490 |
| <i>Subtotal: Hardware Cost</i> | - | - | 18.816 | - | - | - | - | - | 16.565 | - | - | 0.000 | - | - | 82.490 | - | - | 82.490 |

| | | | | | | | | | | | | | | | | | | |
|--|---|---|--------------|---|---|--------------|---|---|--------------|---|---|--------------|---|---|--------------|---|---|--------------|
| Support - JAGM Support Costs Cost | | | | | | | | | | | | | | | | | | |
| 2.1) (JG860) Integrated Logistics Support | - | - | 0.224 | - | - | 0.300 | - | - | 0.575 | - | - | 0.000 | - | - | 0.586 | - | - | 0.586 |
| 2.2) (JG850) Production Engineering Support | - | - | 1.076 | - | - | 1.558 | - | - | 2.906 | - | - | 0.000 | - | - | 2.965 | - | - | 2.965 |
| 2.3) (JG410) Containers ⁽⁴⁾ | - | - | 0.197 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.5) (JG851) Other Production Support ⁽⁵⁾ | - | - | 1.609 | - | - | 1.931 | - | - | 4.063 | - | - | 0.000 | - | - | 4.925 | - | - | 4.925 |
| <i>Subtotal: Support - JAGM Support Costs Cost</i> | - | - | 3.106 | - | - | 3.789 | - | - | 7.544 | - | - | 0.000 | - | - | 8.476 | - | - | 8.476 |

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| Exhibit P-5, Cost Analysis: PB 2020 Navy | | Date: March 2019 |
| Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2 | P-1 Line Item Number / Title: 2248 / Joint Air Ground Missile (JAGM) | Item Number / Title [DODIC]: 1 / Joint Air Ground Missile (JAGM) |
| ID Code (A=Service Ready, B=Not Service Ready) : | | MDAP/MAIS Code: |

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

| Cost Elements | Prior Years | | | FY 2018 | | | FY 2019 | | | FY 2020 Base | | | FY 2020 OCO | | | FY 2020 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) |
| Gross/Weapon System Cost | 210,788.46 | 104 | 21.922 | - | - | 3.789 | 321,453.33 | 75 | 24.109 | - | - | 0.000 | 238,130.89 | 382 | 90.966 | 238,130.89 | 382 | 90.966 |

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

Footnotes:

- (1) (JG001) All Up Round (AUR) unit costs will fluctuate according to total procurement between all services.
- (2) (JG002) Training Missiles are for procurement of Air Training Missiles (ATMs) required for fleet training and quantities count towards the total program quantity requirement. Training Missiles unit costs will fluctuate according to total procurement between all services.
- (3) (JG301) Captive Air Training Missiles (CATM's): The JAGM program will commence procurement of CATM's in FY 2020 based on fleet training requirements.
- (4) (JG005) Starting in FY 2020 Container cost will be rolled up into the All Up Round unit cost.
- (5) (JG007) Other Production Support fluctuates based on Army requirements and is dependent on total procurement buy per year.

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Exhibit P-5a, Procurement History and Planning: PB 2020 Navy **Date:** March 2019

| | | |
|---|--|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2 | P-1 Line Item Number / Title: 2248 / Joint Air Ground Missile (JAGM) | Item Number / Title [DODIC]: 1 / Joint Air Ground Missile (JAGM) |
|---|--|--|

| Cost Elements | O C O | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty <i>(Each)</i> | Unit Cost <i>(\$)</i> | Specs Avail Now? | Date Revision Available | RFP Issue Date |
|---|-------------|---------------------|--|--------------------------------------|-----------------|---------------|------------------------------|----------------------|--------------------------|------------------------|-------------------------------|-------------------|
| 1.1.1) (JG010) JAGM All-Up-Round (AUR) ^(†) | | 2017 | Lockheed Martin / Orlando, FL | C / FPIF | Huntsville | Sep 2018 | Jan 2020 | 100 | 180,320.00 | Y | | Feb 2015 |
| 1.1.1) (JG010) JAGM All-Up-Round (AUR) ^(†) | | 2019 ⁽⁶⁾ | Lockheed Martin / Orlando, FL | C / FPIF | Huntsville | Sep 2019 | Dec 2021 | 71 | 220,871.00 | Y | | May 2017 |
| 1.1.1) (JG010) JAGM All-Up-Round (AUR) ^(†) | ✓ | 2020 ⁽⁷⁾ | Lockheed Martin / Orlando, FL | C / FPIF | Huntsville | Sep 2020 | Oct 2022 | 382 | 213,973.00 | Y | | Jan 2019 |
| 1.1.3) (JG300) Training Missiles ^(†) | | 2017 | Lockheed Martin ⁽⁸⁾ / Orlando, FL | C / FPIF | Huntsville | Sep 2018 | Dec 2018 | 4 | 196,000.00 | Y | | Feb 2015 |
| 1.1.3) (JG300) Training Missiles ^(†) | | 2019 | Lockheed Martin ⁽⁸⁾ / Orlando, FL | C / FPIF | Huntsville | Sep 2019 | Dec 2021 | 4 | 220,871.00 | Y | | Feb 2015 |
| 1.1.4) (JG301) Captive Air Training Missile | ✓ | 2020 | Lockheed Martin / Orlando, FL | C / FPIF | Huntsville | Sep 2020 | Sep 2022 | 4 | 188,042.00 | Y | | Jan 2019 |

^(†) indicates the presence of a P-21

Footnotes:

⁽⁶⁾ FY 2019 Contract award date is September 2019 to align with the Army led contracting timeline. The contract awards in September each fiscal year in order to include other service and FMS procurements into one economical procurement.

⁽⁷⁾ FY 2020 Contract award date is September 2020 to align with the Army led contracting timeline. The contract awards in September each fiscal year in order to include other service and FMS procurements into one economical procurement.

⁽⁸⁾ Annual Production rates for All Up Rounds and Training Missiles represent combined rates.

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Exhibit P-21, Production Schedule: PB 2020 Navy **Date:** March 2019

| | | |
|---|--|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2 | P-1 Line Item Number / Title: 2248 / Joint Air Ground Missile (JAGM) | Item Number / Title [DODIC]: 1 / Joint Air Ground Missile (JAGM) |
|---|--|--|

| Cost Elements <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 | | | | | |
| 1.1.1) (JG010) JAGM All-Up-Round (AUR) ⁽¹⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | 2017 | NAVY | 100 | 0 | 100 | - | - | - | 50 | 50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | | | | | |
| 1 | | 2017 | ARMY ⁽⁺⁾ | 373 | 0 | 373 | - | - | - | 32 | 32 | 32 | 32 | 32 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | | | | | | | | | 0 | | | | | |
| 1 | | 2017 | Total | 473 | 0 | 473 | - | - | - | 82 | 82 | 32 | 32 | 32 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | | | | | | | | 0 | | | | | | |
| 1 | | 2019 | NAVY | 71 | 0 | 71 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 71 | | | | | | |
| 1 | | 2019 | ARMY ⁽⁺⁾ | 1,046 | 0 | 1,046 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1,046 | | | | | | |
| 1 | | 2019 | Total | 1,117 | 0 | 1,117 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1,117 | | | | | | |
| ✓ 1 | | 2020 | NAVY | 382 | 0 | 382 | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | 382 | | | | | | |
| ✓ 1 | | 2020 | ARMY ⁽⁺⁾ | 621 | 0 | 621 | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | 621 | | | | | | |
| ✓ 1 | | 2020 | Total OCO | 1,003 | 0 | 1,003 | | | | | | | | | | | | | - | - | - | - | - | - | - | - | - | - | 1,003 | | | | | | |
| 1.1.3) (JG300) Training Missiles ⁽²⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | 2017 | NAVY | 4 | 4 | 0 | | | | | | | | | | | | | | | | | | | | | | | 0 | | | | | | |
| 2 | | 2019 | NAVY | 4 | 0 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | | | | | | |
| | | | | | | | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | | | | | |

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Exhibit P-21, Production Schedule: PB 2020 Navy **Date:** March 2019

Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2 **P-1 Line Item Number / Title:** 2248 / Joint Air Ground Missile (JAGM) **Item Number / Title [DODIC]:** 1 / Joint Air Ground Missile (JAGM)

| Cost Elements <i>(Units in Each)</i> | | | | | | Fiscal Year 2022 | | | | | | | | | | | | Fiscal Year 2023 | | | | | | | | | | | | BALANCE | |
|---|-------|-------------|------------------|--------------|----------------------------|---------------------|--------------------|-----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----|---------|-----|
| OCO # | MFR # | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2021 | BAL DUE AS OF 1 OCT | Calendar Year 2022 | | | | | | | | | | | | Calendar Year 2023 | | | | | | | | | | | | |
| | | | | | | | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | | SEP |
| 1.1.1) (JG010) JAGM All-Up-Round (AUR) ⁽¹⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | 2017 | NAVY | 100 | 100 | 0 | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
| 1 | | 2017 | ARMY (+) | 373 | 373 | 0 | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
| 1 | | 2017 | Total | 473 | 473 | 0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | | | |
| 1 | | 2019 | NAVY | 71 | 0 | 71 | - | - | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | - | | | | | | | | 0 | | | |
| 1 | | 2019 | ARMY (+) | 1,046 | 0 | 1,046 | - | - | 88 | 88 | 87 | 87 | 87 | 87 | 87 | 87 | 88 | 87 | 87 | 86 | | | | | | | | 0 | | | |
| 1 | | 2019 | Total | 1,117 | 0 | 1,117 | - | - | 94 | 94 | 93 | 93 | 93 | 93 | 94 | 94 | 95 | 94 | 94 | 86 | - | - | - | - | - | - | - | 0 | | | |
| ✓ 1 | | 2020 | NAVY | 382 | 0 | 382 | - | - | - | - | - | - | - | - | - | - | - | - | 31 | 31 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 0 | | | |
| ✓ 1 | | 2020 | ARMY (+) | 621 | 0 | 621 | - | - | - | - | - | - | - | - | - | - | - | - | 13 | 14 | 59 | 59 | 59 | 59 | 59 | 59 | 60 | 0 | | | |
| ✓ 1 | | 2020 | Total OCO | 1,003 | 0 | 1,003 | - | - | - | - | - | - | - | - | - | - | - | 44 | 45 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 92 | 0 | | | |
| 1.1.3) (JG300) Training Missiles ⁽²⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | 2017 | NAVY | 4 | 4 | 0 | | | | | | | | | | | | | | | | | | | | | | 0 | | | |
| 2 | | 2019 | NAVY | 4 | 0 | 4 | - | - | 4 | | | | | | | | | | | | | | | | | | | 0 | | | |
| | | | | | | | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | |

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Exhibit P-21, Production Schedule: PB 2020 Navy **Date:** March 2019

| | | |
|---|--|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1507N / 02 / 2 | P-1 Line Item Number / Title: 2248 / Joint Air Ground Missile (JAGM) | Item Number / Title [DODIC]: 1 / Joint Air Ground Missile (JAGM) |
|---|--|--|

| MFR Ref # | Manufacturer Name - Location | Production Rates (Each / Year) | | | Procurement Leadtime (Months) | | | | | | | |
|-----------|--|--------------------------------|----------------|--------------|-------------------------------|-----------------|-------------------|-------------------|--------------------|-----------------|-------------------|-------------------|
| | | MSR For 2020 | 1-8-5 For 2020 | MAX For 2020 | 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 - Orlando, FL | 420 | 1,200 | 2,400 | 0 | 12 | 24 | 36 | 0 | 12 | 24 | 36 |
| 2 | Lockheed Martin ⁽⁸⁾ - Orlando, FL | 420 | 1,200 | 1,200 | 0 | 12 | 24 | 36 | 0 | 12 | 24 | 36 |

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule. "A" in the Delivery Schedule indicates the Contract Award Date.

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

Footnotes:

⁽⁸⁾ Annual Production rates for All Up Rounds and Training Missiles represent combined rates.