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**Department of Defense
Fiscal Year (FY) 2014 Amended Budget Estimates**

May 2013



Air Force

Justification Book Volume 1 of 1

Missile Procurement, Air Force

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Air Force • Amended Budget Estimates FY 2014 • Procurement

Volume 1 Table of Contents

Line Item Table of Contents (by Appropriation then Line Number)..... Volume 1 - iii
Line Item Table of Contents (Alphabetically by Line Item Title)..... Volume 1 - v
Exhibit P-40's..... Volume 1 - 1

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

Appropriation 3020F: Missile Procurement, Air Force

| Line # | BA | BSA | Line Item Number | Line Item Title | Page |
|---------------|-----------|------------|-------------------------|--------------------------------|--------------|
| 5 | 02 | 02 | PRDTA2 | Predator Hellfire Missile..... | Volume 1 - 1 |

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Air Force • Amended Budget Estimates FY 2014 • Procurement

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

| Line Item Title | Line Item Number | Line # | BA | BSA | Page |
|---------------------------|-------------------------|---------------|-----------|------------|--------------|
| Predator Hellfire Missile | PRDTA2 | 5 | 02 | 02..... | Volume 1 - 1 |

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Exhibit P-40, Budget Item Justification Sheet: PB Amended 2014 Air Force **Date: May 2013**

Appropriation / Budget Activity / Budget Sub Activity: 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Nomenclature:** PRDTA2 - Predator Hellfire Missile

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

MDAP/MAIS Code(s):

| Resource Summary | Prior Years | FY 2012 | FY 2013 [#] | FY 2014 Base | FY 2014 OCO ^{##} | FY 2014 Total | FY 2015 | FY 2016 | FY 2017 | FY 2018 | To Complete | Total |
|--|-------------|---------------|----------------------|---------------|---------------------------|---------------|---------------|---------------|---------------|---------------|-------------------|-------------------|
| Procurement Quantity (Units in Each) | - | 829 | 717 | 413 | 211 | 624 | 283 | 320 | 288 | 290 | Continuing | Continuing |
| Gross/Weapon System Cost (\$ in Millions) | - | 75.750 | 82.025 | 48.548 | 24.200 | 72.748 | 34.250 | 39.285 | 36.045 | 36.964 | Continuing | Continuing |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | - | 75.750 | 82.025 | 48.548 | 24.200 | 72.748 | 34.250 | 39.285 | 36.045 | 36.964 | Continuing | Continuing |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | - | 75.750 | 82.025 | 48.548 | 24.200 | 72.748 | 34.250 | 39.285 | 36.045 | 36.964 | Continuing | Continuing |

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

| | | | | | | | | | | | | |
|---|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|------------|
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (Units in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (Units in Millions) | - | 0.091 | 0.114 | 0.118 | 0.115 | 0.117 | 0.121 | 0.123 | 0.125 | 0.127 | Continuing | Continuing |

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Description:

FY2012 funding totals include \$28.920M appropriated for Overseas Contingency Operations.

FY2013 funding totals include \$34.350M appropriated for Overseas Contingency Operations.

Hellfire is an air-to-ground missile system that provides precision-kill capability and has become a key weapon in Overseas Contingency Operations. Laser Hellfire uses semi-active laser terminal guidance. The latest variant provides for point target precision strike and is effective against countermeasures. The Hellfire missiles are used by the MQ-1 Predator and MQ-9 Reaper aircraft. The Army is the lead service for the Hellfire Missile program with Air Force missiles being procured through the Army's Redstone Arsenal. Unit cost may vary depending on lead Service, other Services and/or FMS procurement quantities. Prior to FY2008, Hellfire missiles were procured under the Predator PE 0305219F.

Funding for this exhibit contained in PE 0201109F.

| Item Schedule | | Prior Years | | | FY 2012 | | | FY 2013 | | | FY 2014 Base | | | FY 2014 OCO | | | FY 2014 Total | | | |
|---------------------------------------|--------------|-------------|------------------|------------|-------------------|------------------|------------|-------------------|------------------|------------|-------------------|------------------|---------------|-------------------|------------------|---------------|-------------------|------------------|------------|-------------------|
| Item Nomenclature* | Exhibits | ID CD | Unit Cost (\$ M) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$ M) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$ M) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$ M) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$ M) | Qty (Each) | Total Cost (\$ M) | Unit Cost (\$ M) | Qty (Each) | Total Cost (\$ M) |
| Predator Hellfire Missile | P5, P5A, P21 | | - | - | 0.091 | 829 | 75.750 | 0.114 | 717 | 82.025 | 0.118 | 413 | 48.548 | 0.115 | 211 | 24.200 | 0.117 | 624 | 72.748 | |
| Total Gross/Weapon System Cost | | | | | | 75.750 | | 82.025 | | | 48.548 | | 24.200 | | | 72.748 | | | | |

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

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| Exhibit P-40, Budget Item Justification Sheet: PB Amended 2014 Air Force | | Date: May 2013 |
| Appropriation / Budget Activity / Budget Sub Activity: 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical | | P-1 Line Item Nomenclature: PRDTA2 - Predator Hellfire Missile |
| ID Code (A=Service Ready, B=Not Service Ready) : A | Program Elements for Code B Items: | Other Related Program Elements: 0305219F |
| MDAP/MAIS Code(s): | | |
| Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding. | | |

Justification:
Missile procurement funding for 413 AGM-114 Hellfire missiles, flight training missiles, Telemetry Measurement (TM) kits, load training missiles, existing warhead improvements and production implementation for the Height of Burst capability for R-model variants which incorporates a multi-purpose warhead, variable delay fuze and increased lethality. Multiple variants (K, M, N, P, R, R9B, etc.) of the Hellfire missile may be procured based upon operational requirements for various warheads and the enhanced weapon engagement zone. Quantities are based on current estimated price for purchase through the Army. The Hellfire missiles are used for test, training and operations.

In 2014, Overseas Contingency Operations funds (OCO) will procure an additional 211 Hellfire missiles, flight training missiles, Telemetry Measurement (TM) kits, load training missiles and production implementation for the Height of Burst capability for the new R-model variant. Overseas Contingency Operations funding is required to replenish missiles expended in current operations as well as to support increased MQ-1 Predator and MQ-9 Reaper Combat Air Patrols. The Hellfire weapon has been used extensively to provide close air support and engage time-sensitive targets such as improvised explosive device implacers, vehicles and personnel both in the open and in structures. The OCO funding alleviates the greater demand for Hellfire weapons for increased MQ-1 Predator and MQ-9 Reaper patrol missions against defined and targets of opportunity. Continued procurement of Hellfire weapons will enable the U.S. Air Force to meet their contingency requirements and ensure that Warfighter requirements are met.

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| Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force | | Date: May 2013 |
| Appropriation / Budget Activity / Budget Sub Activity: 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical | | P-1 Line Item Nomenclature: PRDTA2 - Predator Hellfire Missile |
| | | Item Nomenclature (Item Number - Item Name, DODIC): Predator Hellfire Missile |

| Resource Summary | Prior Years | FY 2012 | FY 2013 [#] | FY 2014 Base | FY 2014 OCO ^{##} | FY 2014 Total |
|--|-------------|---------------|----------------------|---------------|---------------------------|---------------|
| Procurement Quantity (Units in Each) | - | 829 | 717 | 413 | 211 | 624 |
| Gross/Weapon System Cost (\$ in Millions) | - | 75.750 | 82.025 | 48.548 | 24.200 | 72.748 |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | - | 75.750 | 82.025 | 48.548 | 24.200 | 72.748 |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | - | 75.750 | 82.025 | 48.548 | 24.200 | 72.748 |

(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 (Units in Millions) | - | 0.091 | 0.114 | 0.118 | 0.115 | 0.117 |

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

| Cost Elements († indicates the presence of a P-5A) | ID CD | All Prior Years | | | FY 2012 | | | FY 2013 | | | FY 2014 Base | | | FY 2014 OCO | | | FY 2014 Total | | |
|---|----------|---------------------|--------------------|----------------------|---------------------|--------------------|----------------------|---------------------|--------------------|----------------------|---------------------|--------------------|----------------------|---------------------|--------------------|----------------------|---------------------|--------------------|----------------------|
| | | Unit Cost (\$ M) | Quantity (Each) | Total Cost (\$ M) | Unit Cost (\$ M) | Quantity (Each) | Total Cost (\$ M) | Unit Cost (\$ M) | Quantity (Each) | Total Cost (\$ M) | Unit Cost (\$ M) | Quantity (Each) | Total Cost (\$ M) | Unit Cost (\$ M) | Quantity (Each) | Total Cost (\$ M) | Unit Cost (\$ M) | Quantity (Each) | Total Cost (\$ M) |
| Flyaway Cost | | | | | | | | | | | | | | | | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | | |
| † AGM-114 - All-up-Rounds | A | 0.000 | 2,710 | 0.000 | 0.080 | 829 | 66.418 | 0.100 | 717 | 72.003 | 0.102 | 413 | 42.184 | 0.102 | 211 | 21.538 | 0.102 | 624 | 63.722 |
| <i>Total Recurring Cost</i> | | | | <i>0.000</i> | | | <i>66.418</i> | | | <i>72.003</i> | | | <i>42.184</i> | | | <i>21.538</i> | | | <i>63.722</i> |
| <i>Total Flyaway Cost</i> | | | | <i>0.000</i> | | | <i>66.418</i> | | | <i>72.003</i> | | | <i>42.184</i> | | | <i>21.538</i> | | | <i>63.722</i> |
| Hardware Cost | | | | | | | | | | | | | | | | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | | |
| Test Equipment | A | 0.000 | 0 | 0.000 | - | - | 1.000 | - | - | 1.000 | - | - | 1.000 | - | - | - | - | - | 1.000 |
| <i>Total Recurring Cost</i> | | | | <i>0.000</i> | | | <i>1.000</i> | | | <i>1.000</i> | | | <i>1.000</i> | | | <i>-</i> | | | <i>1.000</i> |
| <i>Total Hardware Cost</i> | | | | <i>0.000</i> | | | <i>1.000</i> | | | <i>1.000</i> | | | <i>1.000</i> | | | <i>-</i> | | | <i>1.000</i> |
| Support Cost | | | | | | | | | | | | | | | | | | | |
| Program Management Administration | | - | - | - | - | - | 4.545 | - | - | 4.921 | - | - | 2.913 | - | - | 1.452 | - | - | 4.365 |
| Production Engineering Support | | - | - | - | - | - | 3.787 | - | - | 4.101 | - | - | 2.451 | - | - | 1.210 | - | - | 3.661 |
| <i>Total Support Cost</i> | | | | <i>-</i> | | | <i>8.332</i> | | | <i>9.022</i> | | | <i>5.364</i> | | | <i>2.662</i> | | | <i>8.026</i> |
| Gross Weapon System Cost | | | | - | | | 75.750 | | | 82.025 | | | 48.548 | | | 24.200 | | | 72.748 |

P-5 Remarks:

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Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force **Date:** May 2013

| | | |
|---|--|--|
| Appropriation / Budget Activity / Budget Sub Activity: 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical | P-1 Line Item Nomenclature: PRDTA2 - Predator Hellfire Missile | Item Nomenclature: Predator Hellfire Missile |
|---|--|--|

| Cost Elements <small>(† indicates the presence of a P-21)</small> | 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>(\$ M)</small> | Specs Avail Now? | Date Revsn Avail | RFP Issue Date |
|--|-------------|------|----------------------------|------------------------------------|--------------------|------------|------------------------------|------------------------------|-------------------------------------|------------------------|---------------------|-------------------|
| †AGM-114 - All-up-Rounds, May 2010 | | 2010 | Lockheed Martin / Troy, AL | MIPR | AFMC/ OO-ALC | May 2010 | Aug 2012 | 1,179 | 0.066 | Y | | |
| †AGM-114 - All-up-Rounds, Sep 2012 | | 2010 | Lockheed Martin / Troy, AL | MIPR | AFMC/ OO-ALC | Sep 2012 | Sep 2014 | 170 | 0.080 | Y | | |
| †AGM-114 - All-up-Rounds, Jul 2011 | | 2011 | Lockheed Martin / Troy, AL | MIPR | AFMC/ OO-ALC | Jul 2011 | May 2013 | 1,015 | 0.081 | Y | | |
| †AGM-114 - All-up-Rounds, Sep 2012 | | 2011 | Lockheed Martin / Troy, AL | MIPR | AFMC/ OO-ALC | Sep 2012 | Sep 2014 | 346 | 0.081 | Y | | |
| †AGM-114 - All-up-Rounds | | 2012 | Lockheed Martin / Troy, AL | MIPR | AFMC/ OO-ALC | Sep 2012 | May 2014 | 829 | 0.080 | Y | | |
| †AGM-114 - All-up-Rounds | | 2013 | Lockheed Martin / Troy, AL | MIPR | AFMC/ OO-ALC | May 2013 | May 2015 | 717 | 0.100 | Y | | |
| †AGM-114 - All-up-Rounds | | 2014 | Lockheed Martin / Troy, AL | MIPR | AFMC/ OO-ALC | May 2014 | May 2016 | 413 | 0.102 | Y | | |
| †AGM-114 - All-up-Rounds | ✓ | 2014 | Lockheed Martin / Troy, AL | MIPR | AFMC/ OO-ALC | May 2014 | May 2016 | 211 | 0.102 | Y | | |

Remarks:
Hellfire missiles are procured through the Army's Redstone Arsenal.

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| Exhibit P-21, Budget Production Schedule: PB Amended 2014 Air Force | | Date: May 2013 |
| Appropriation / Budget Activity / Budget Sub Activity: 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical | | P-1 Line Item Nomenclature: PRDTA2 - Predator Hellfire Missile |
| | | Item Nomenclature: Predator Hellfire Missile |

| Cost Elements <i>(Units in Each)</i> | | | | | | Fiscal Year 2010 | | | | | | | | | | | | Fiscal Year 2011 | | | | | | | | | | | | | | | |
|---|------------------|------|----------------------|--------------|---------------------------------------|------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------|
| O C C O | M F R # | FY | SERVICE [±] | PROQ QTY | ACCEP PRIOR TO 1 OCT 2009 | BAL DUE AS OF 1 OCT | Calendar Year 2010 | | | | | | | | | | | | Calendar Year 2011 | | | | | | | | | | | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L | | |
| AGM-114 - All-up-Rounds - May 2010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2010 | AF | 1,179 | - | 1,179 | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1,179 |
| | 1 | 2010 | ♦ ARMY | 2,165 | - | 2,165 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2,165 |
| | 1 | 2010 | TOTAL | 3,344 | - | 3,344 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3,344 | |
| AGM-114 - All-up-Rounds - Sep 2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2010 | AF | 170 | - | 170 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 170 | |
| | 1 | 2011 | AF | 346 | - | 346 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 346 | |
| AGM-114 - All-up-Rounds - Jul 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2011 | AF | 1,015 | - | 1,015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | A - | - | 1,015 | |
| | 1 | 2011 | ♦ ARMY | 2,106 | - | 2,106 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2,106 | |
| | 1 | 2011 | TOTAL | 3,121 | - | 3,121 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3,121 | |
| AGM-114 - All-up-Rounds | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2012 | AF | 829 | - | 829 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 829 | |
| | 1 | 2012 | ♦ ARMY | 907 | - | 907 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 907 | |
| | 1 | 2012 | ♦ NAVY | 865 | - | 865 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 865 | |
| | 1 | 2012 | TOTAL | 2,601 | - | 2,601 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2,601 | |
| | 1 | 2013 | AF | 717 | - | 717 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 717 | |
| | 1 | 2013 | ♦ ARMY | 161 | - | 161 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 161 | |
| | 1 | 2013 | ♦ NAVY | 919 | - | 919 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 919 | |
| | 1 | 2013 | TOTAL | 1,797 | - | 1,797 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1,797 | |
| | 1 | 2014 | AF | 413 | - | 413 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 413 | |
| | 1 | 2014 | ♦ NAVY | 355 | - | 355 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 355 | |
| | 1 | 2014 | TOTAL | 768 | - | 768 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 768 | |
| ✓ | 1 | 2014 | AF | 211 | - | 211 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 211 | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L | | |

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| Exhibit P-21, Budget Production Schedule: PB Amended 2014 Air Force | | Date: May 2013 |
| Appropriation / Budget Activity / Budget Sub Activity: 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical | | P-1 Line Item Nomenclature: PRDTA2 - Predator Hellfire Missile |
| | | Item Nomenclature: Predator Hellfire Missile |

| Cost Elements <i>(Units in Each)</i> | | | | | | Fiscal Year 2012 | | | | | | | | | | | | Fiscal Year 2013 | | | | | | | | | | | | | | | | |
|---|------------------|------|--------------|--------------|---------------------------------------|------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|--------------|
| O C C O | M F R # | FY | SERVICE± | PROQ QTY | ACCEP 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 | B A L | | | |
| AGM-114 - All-up-Rounds - May 2010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2010 | AF | 1,179 | - | 1,179 | - | - | - | - | - | - | - | - | - | - | 99 | 99 | 99 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | | | | | - |
| | 1 | 2010 | ♦ ARMY | 2,165 | - | 2,165 | - | - | - | - | - | - | - | - | - | - | 230 | 230 | 226 | 202 | 226 | 257 | 257 | 269 | 268 | - | - | - | | | | | - | |
| | 1 | 2010 | TOTAL | 3,344 | - | 3,344 | - | - | - | - | - | - | - | - | - | 329 | 329 | 325 | 300 | 324 | 355 | 355 | 367 | 366 | 98 | 98 | 98 | | | | | - | | |
| AGM-114 - All-up-Rounds - Sep 2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2010 | AF | 170 | - | 170 | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 170 |
| | 1 | 2011 | AF | 346 | - | 346 | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 346 |
| AGM-114 - All-up-Rounds - Jul 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2011 | AF | 1,015 | - | 1,015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 590 |
| | 1 | 2011 | ♦ ARMY | 2,106 | - | 2,106 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1,116 |
| | 1 | 2011 | TOTAL | 3,121 | - | 3,121 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1,706 |
| AGM-114 - All-up-Rounds | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2012 | AF | 829 | - | 829 | - | - | - | - | - | - | - | - | - | - | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 829 |
| | 1 | 2012 | ♦ ARMY | 907 | - | 907 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 907 |
| | 1 | 2012 | ♦ NAVY | 865 | - | 865 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 865 |
| | 1 | 2012 | TOTAL | 2,601 | - | 2,601 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2,601 |
| | 1 | 2013 | AF | 717 | - | 717 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 717 |
| | 1 | 2013 | ♦ ARMY | 161 | - | 161 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 161 |
| | 1 | 2013 | ♦ NAVY | 919 | - | 919 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 919 |
| | 1 | 2013 | TOTAL | 1,797 | - | 1,797 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1,797 |
| | 1 | 2014 | AF | 413 | - | 413 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 413 |
| | 1 | 2014 | ♦ NAVY | 355 | - | 355 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 355 |
| | 1 | 2014 | TOTAL | 768 | - | 768 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 768 |
| ✓ | 1 | 2014 | AF | 211 | - | 211 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 211 |
| | | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L | | |

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| Exhibit P-21, Budget Production Schedule: PB Amended 2014 Air Force | | | | | | | | | | | | | | | | | | | | | | | | | | | | Date: May 2013 | | | | | | |
|--|------------------|--------------|----------|--------------|---------------------------------------|------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|---|-------------|-------------|-------------|----------------|--------------|-------------|--------------|--|--|--|
| Appropriation / Budget Activity / Budget Sub Activity: 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical | | | | | | | | | | | | | | P-1 Line Item Nomenclature: PRDTA2 - Predator Hellfire Missile | | | | | | | | | | Item Nomenclature: Predator Hellfire Missile | | | | | | | | | | |
| Cost Elements (Units in Each) | | | | | | | Fiscal Year 2014 | | | | | | | | | | | | | | Fiscal Year 2015 | | | | | | | | | | | | | |
| O C C O | M F R # | FY | SERVICE± | PROQ QTY | ACCEP 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 | B A L | | | |
| AGM-114 - All-up-Rounds - May 2010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2010 | AF | | 1,179 | 1,179 | - | | | | | | | | | | | | | | | | | | | | | | | - | | | | | |
| 1 | 2010 | ♦ ARMY | | 2,165 | 2,165 | - | | | | | | | | | | | | | | | | | | | | | | | - | | | | | |
| 1 | 2010 | TOTAL | | 3,344 | 3,344 | - | | | | | | | | | | | | | | | | | | | | | | | - | | | | | |
| AGM-114 - All-up-Rounds - Sep 2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2010 | AF | | 170 | - | 170 | - | - | - | - | - | - | - | - | - | - | - | 15 | 15 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | - | | | | | |
| 1 | 2011 | AF | | 346 | - | 346 | - | - | - | - | - | - | - | - | - | - | - | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 28 | 28 | - | | | | |
| AGM-114 - All-up-Rounds - Jul 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2011 | AF | | 1,015 | 425 | 590 | 85 | 85 | 84 | 84 | 84 | 84 | 84 | | | | | | | | | | | | | | | | - | | | | | |
| 1 | 2011 | ♦ ARMY | | 2,106 | 990 | 1,116 | - | - | - | - | - | - | - | | | | | | | | | | | | | | | | 1,116 | | | | | |
| 1 | 2011 | TOTAL | | 3,121 | 1,415 | 1,706 | 85 | 85 | 84 | 84 | 84 | 84 | 84 | | | | | | | | | | | | | | | | 1,116 | | | | | |
| AGM-114 - All-up-Rounds | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2012 | AF | | 829 | - | 829 | - | - | - | - | - | - | - | 70 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | | | - | | | | | |
| 1 | 2012 | ♦ ARMY | | 907 | - | 907 | - | - | - | - | - | - | - | 76 | 76 | 76 | 76 | 75 | 75 | 75 | 75 | 76 | 76 | 75 | 76 | | | | - | | | | | |
| 1 | 2012 | ♦ NAVY | | 865 | - | 865 | - | - | - | - | - | - | - | 73 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | 72 | | | | - | | | | | |
| 1 | 2012 | TOTAL | | 2,601 | - | 2,601 | - | - | - | - | - | - | - | 219 | 217 | 217 | 217 | 216 | 216 | 216 | 216 | 217 | 217 | 216 | 217 | | | | - | | | | | |
| 1 | 2013 | AF | | 717 | - | 717 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 60 | 60 | 60 | 60 | 60 | 417 | | | |
| 1 | 2013 | ♦ ARMY | | 161 | - | 161 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 15 | 15 | 14 | 13 | 13 | 91 | | | |
| 1 | 2013 | ♦ NAVY | | 919 | - | 919 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 77 | 77 | 77 | 77 | 77 | 534 | | | |
| 1 | 2013 | TOTAL | | 1,797 | - | 1,797 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 152 | 152 | 151 | 150 | 150 | 1,042 | | | |
| 1 | 2014 | AF | | 413 | - | 413 | - | - | - | - | - | - | - | A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 413 | | | | |
| 1 | 2014 | ♦ NAVY | | 355 | - | 355 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 355 | | | | |
| 1 | 2014 | TOTAL | | 768 | - | 768 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 768 | | | | |
| ✓ | 1 | 2014 | AF | 211 | - | 211 | - | - | - | - | - | - | - | A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 211 | | | | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L | | | |

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| Exhibit P-21, Budget Production Schedule: PB Amended 2014 Air Force | | Date: May 2013 |
| Appropriation / Budget Activity / Budget Sub Activity: 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical | | P-1 Line Item Nomenclature: PRDTA2 - Predator Hellfire Missile |
| | | Item Nomenclature: Predator Hellfire Missile |

| Cost Elements <i>(Units in Each)</i> | | | | | | | Fiscal Year 2016 | | | | | | | | | | | | Fiscal Year 2017 | | | | | | | | | | | | |
|---|------------------|------|--------------|--------------|---------------------------------------|------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|
| O C C O | M F R # | FY | SERVICE± | PROC QTY | ACCEP 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 | B A L |
| AGM-114 - All-up-Rounds - May 2010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2010 | AF | 1,179 | 1,179 | - | | | | | | | | | | | | | | | | | | | | | | | - | | |
| | 1 | 2010 | ♦ ARMY | 2,165 | 2,165 | - | | | | | | | | | | | | | | | | | | | | | | | - | | |
| | 1 | 2010 | TOTAL | 3,344 | 3,344 | - | | | | | | | | | | | | | | | | | | | | | | | - | | |
| AGM-114 - All-up-Rounds - Sep 2012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2010 | AF | 170 | 170 | - | | | | | | | | | | | | | | | | | | | | | | | - | | |
| | 1 | 2011 | AF | 346 | 346 | - | | | | | | | | | | | | | | | | | | | | | | | - | | |
| AGM-114 - All-up-Rounds - Jul 2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2011 | AF | 1,015 | 1,015 | - | | | | | | | | | | | | | | | | | | | | | | | - | | |
| | 1 | 2011 | ♦ ARMY | 2,106 | 990 | 1,116 | | | | | | | | | | | | | | | | | | | | | | | 1,116 | | |
| | 1 | 2011 | TOTAL | 3,121 | 2,005 | 1,116 | | | | | | | | | | | | | | | | | | | | | | | 1,116 | | |
| AGM-114 - All-up-Rounds | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2012 | AF | 829 | 829 | - | | | | | | | | | | | | | | | | | | | | | | | - | | |
| | 1 | 2012 | ♦ ARMY | 907 | 907 | - | | | | | | | | | | | | | | | | | | | | | | | - | | |
| | 1 | 2012 | ♦ NAVY | 865 | 865 | - | | | | | | | | | | | | | | | | | | | | | | | - | | |
| | 1 | 2012 | TOTAL | 2,601 | 2,601 | - | | | | | | | | | | | | | | | | | | | | | | | - | | |
| | 1 | 2013 | AF | 717 | 300 | 417 | 60 | 60 | 60 | 60 | 59 | 59 | 59 | | | | | | | | | | | | | | | | - | | |
| | 1 | 2013 | ♦ ARMY | 161 | 70 | 91 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | | | | | | | | | | | | | | | | - | | |
| | 1 | 2013 | ♦ NAVY | 919 | 385 | 534 | 77 | 77 | 76 | 76 | 76 | 76 | 76 | | | | | | | | | | | | | | | | - | | |
| | 1 | 2013 | TOTAL | 1,797 | 755 | 1,042 | 150 | 150 | 149 | 149 | 148 | 148 | 148 | | | | | | | | | | | | | | | - | | | |
| | 1 | 2014 | AF | 413 | - | 413 | - | - | - | - | - | - | - | 35 | 35 | 35 | 35 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | | - | | |
| | 1 | 2014 | ♦ NAVY | 355 | - | 355 | - | - | - | - | - | - | - | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 29 | 29 | 29 | 29 | | - | | | |
| | 1 | 2014 | TOTAL | 768 | - | 768 | - | - | - | - | - | - | - | 65 | 65 | 65 | 65 | 65 | 64 | 64 | 63 | 63 | 63 | 63 | 63 | 63 | | - | | | |
| ✓ | 1 | 2014 | AF | 211 | - | 211 | - | - | - | - | - | - | - | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 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 | B A L |

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| Exhibit P-21, Budget Production Schedule: PB Amended 2014 Air Force | | Date: May 2013 |
| Appropriation / Budget Activity / Budget Sub Activity: 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical | P-1 Line Item Nomenclature: PRDTA2 - Predator Hellfire Missile | Item Nomenclature: Predator Hellfire Missile |

| MFR # | MFR Name - Location | Production Rates (Each / Month) | | | Procurement Leadtime (Months) | | | | | | | | |
|-------|----------------------------|---------------------------------|--------|--------|-------------------------------|-----------------|---------|-------------------|--------------------|-----------------|---------|-------------------|----|
| | | MSR | 1-8-5 | MAX | Initial | | | | Reorder | | | | |
| | | | | | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 | |
| 1 | Lockheed Martin - Troy, AL | 100.00 | 340.00 | 600.00 | - | - | - | - | - | - | 8 | 25 | 33 |

‡ Delivery rows marked with the ♦ 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 indicated the Contract Award Date.

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 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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