

UNCLASSIFIED

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

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|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 2034A: Procurement of Ammunition, Army / BA 01: Ammunition / BSA 30: Small/ Medium Cal Ammunition | P-1 Line Item Number / Title: EA3000 / CTG, Handgun, All Types |
|---|--|

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

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|--------------------------------------|------------------------------------|
| 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>) | 118.112 | 9.655 | 6.801 | 5.193 | - | 5.193 | 9.499 | 10.566 | 10.934 | 11.130 | - | 181.890 |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 118.112 | 9.655 | 6.801 | 5.193 | - | 5.193 | 9.499 | 10.566 | 10.934 | 11.130 | - | 181.890 |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 118.112 | 9.655 | 6.801 | 5.193 | - | 5.193 | 9.499 | 10.566 | 10.934 | 11.130 | - | 181.890 |

(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>) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

This budget line includes CTG, Handgun, ALL TYPES.

DESCRIPTION:

(E96105) CTG, 9MM MARKING, M1041 (BLUE) is used for force on force training engagements. The cartridge can be fired with existing M9/M11 pistols and M4 rifles with use of a conversion kit. The M9 kit consists of a replacement barrel only. The M11 kit consists of a replacement barrel and recoil spring guide. The M4 kit consist of a replacement upper receiver for 9mm. A blue enameled portion of the M9, M11, and M4 barrels is visible through the ejection port of the weapons. The projectile leaves a mark upon impact (similar to paintball), enabling after action evaluation of training scenarios. It differs from paintball in that it is a full complete cartridge with projectile and cartridge case containing a propulsion system for a low velocity launch. The M1041 is required to hit targets accurately out to 12 meters. The cartridge has been safety certified to be fired in close proximity at properly protected human subjects. This item is Code A, approved for service use.

(E96107) CTG, 9MM MARKING, M1041 (RED) is used for force on force training engagements. The cartridge can be fired with existing M9/M11 pistols and M4 rifles with use of a conversion kit. The M9 kit consists of a replacement barrel only. The M11 kit consists of a replacement barrel and recoil spring guide. The M4 kit consist of a replacement upper receiver for 9mm. A blue enameled portion of the M9, M11 and M4 barrels is visible through the ejection port of the weapons. The projectile leaves a mark upon impact (similar to paintball), enabling after action evaluation of training scenarios. It differs from paintball in that it is a full complete cartridge with projectile and cartridge case containing a propulsion system for a low velocity launch. The M1041 is required to hit targets accurately out to 12 meters. The cartridge has been safety certified to be fired in close proximity at properly protected human subjects. This item is Code A, approved for service use.

(E05218) CTG, MODULAR HANDGUN SYSTEM AMMUNITION consists of four new cartridges – Ball XM1152, Special Purpose XM1153, Drilled Dummy Inert (DDI) XM1156 and Blank XM1157. The Ball cartridge is intended for use against enemy personnel, for training, and for force protection. The Special Purpose cartridge is required for use in situations where limited over-penetration of targets is necessary to reduce collateral damage. DDI cartridges are completely inert. They are plated and drilled for easy identification and used for training and weapon familiarization. Blank cartridges are used for K-9 training. These items are not yet type classified or approved for service use. The Modular Handgun System will also utilize three M1041 rounds - Blue, Red and Yellow through the use of a weapon adapter kit. This item is Code B, not approved for service use.

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| Exhibit P-40, Budget Line Item Justification: PB 2017 Army | | Date: February 2016 |
| Appropriation / Budget Activity / Budget Sub Activity: 2034A: Procurement of Ammunition, Army / BA 01: Ammunition / BSA 30: Small/ Medium Cal Ammunition | | P-1 Line Item Number / Title: EA3000 / CTG, Handgun, All Types |
| ID Code (A=Service Ready, B=Not Service Ready): | 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>(E05217) CTG,9MM SINGLE ROUND, Dummy Drill and Inert (DDI), M917A1 ammunition cartridge is an inert (no energetic) dummy round used as an ammunition training aid and for weapon familiarization. This item is Code A, approved for service use.</p> <p>(E05210) CTG,9MM BALL M882 (Combat Pack) cartridge contains a bullet comprised of a copper alloy jacket and a lead alloy core. The cartridge is identified by the plain bullet tip. The ammunition complies with NATO STANAG 4090 and is packed in military type packaging. It is used in M9 and M11 pistols. This item is Code A, approved for service use.</p> <p>(E99900) CTG,9MM BALL M882: COMMERCIAL PACK cartridge contains a bullet comprised of a copper alloy jacket and a lead alloy core. The cartridge is identified by the plain bullet tip. It is packed in commercial type packaging and is not intended for OCONUS shipment. It is used in the M9 and M11 pistols. This item is Code A, approved for service use.</p> | | |

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

Appropriation / Budget Activity / Budget Sub Activity:
2034A: Procurement of Ammunition, Army / BA 01: Ammunition / BSA 30: Small/
Medium Cal Ammunition **P-1 Line Item Number / Title:**
EA3000 / CTG, Handgun, All Types

ID Code (A=Service Ready, B=Not Service Ready): **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-5 | E05210 / CTG, 9MM BALL, M882 (Combat Pack) [A363] | | A | 326,907K / 73.644 | 16,110,459 / 2.698 | 12,796,386 / 2.746 | 8,496,630 / 1.900 | - / - | 8,496,630 / 1.900 |
| P-5 | E05217 / CTG, 9MM SINGLE ROUND, (DDI), M917A1 [AB45] | | A | 259,720 / 0.545 | - / - | - / - | 76,758 / 0.150 | - / - | 76,758 / 0.150 |
| P-40a | E05218 / CTG, MODULAR HANDGUN AMMO | | B | - / - | 6,541,419 / 3.154 | - / - | - / - | - / - | - / - |
| P-5 | E96105 / CTG, 9MM MARKING, M1041 (BLUE) [AB13] | | A | 2,629,673 / 1.501 | 132,948 / 0.081 | 151,252 / 0.100 | 155,790 / 0.102 | - / - | 155,790 / 0.102 |
| P-5 | E96107 / CTG, 9MM MARKING, M1041 (RED) [AB14] | | A | 1,742,206 / 1.047 | 212,584 / 0.129 | 96,522 / 0.065 | 50,402 / 0.033 | - / - | 50,402 / 0.033 |
| P-5 | E99900 / CTG, 9MM Ball, M882 (Commercial Pack) [AA49] | | A | 219,109K / 41.375 | 25,043,060 / 3.593 | 20,760,034 / 3.890 | 14,961,537 / 3.008 | - / - | 14,961,537 / 3.008 |
| P-40 | Total Gross/Weapon System Cost | | | - / 118.112 | - / 9.655 | - / 6.801 | - / 5.193 | - / - | - / 5.193 |

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

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

Justification:
FY 2017 Base Budget supports critical Army Title 10 war reserve/operational, training, and test requirements IAW DoD Instruction 3000.04 (Munitions Requirements Process) and AR 5-13 (Total Army Munitions Requirements Process and Prioritization System). War reserve requirements support OSD-approved Combatant Commander Operational Plans, Homeland Defense, and other OSD-directed missions. Training requirements support individual and collective training of Active and Reserve Component forces at Army schools, home station, and the combined training centers. Test requirements support the development, fielding, safety, and quality assurance of Army munitions and equipment throughout their life-cycle.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

The FY 2017 Base procurement dollars in the amount of \$5.193 million supports procurement of 25.965 million cartridges.

(E05210) CTG 9MM BALL, M882 (Combat Pack) is a training standard item used in both training and combat. The FY 2017 request supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. FY 2017 Base procurement dollars in the amount of \$1.900 million supports the procurement of 8.497 million M882 Ball cartridges.

TYPE CLASSIFICATION DATE: 1985

(E05217) CTG, 9MM SINGLE ROUND, (DDI), M917A1 is a training unique item not used in combat. The FY 2017 request supports annual training and builds a depot level in accordance with the Army's procurement goals. FY 2017 Base procurement dollars in the amount of \$0.150 million supports the procurement of 0.077 million M917A1 (DDI) cartridges.

TYPE CLASSIFICATION DATE: 1975

(E05218) CTG MODULAR HANDGUN SYSTEM AMMUNITION is a training standard item used in both training and combat. The request supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals.

TYPE CLASSIFICATION DATE: PENDING

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| Exhibit P-40, Budget Line Item Justification: PB 2017 Army | | Date: February 2016 |
| Appropriation / Budget Activity / Budget Sub Activity: 2034A: Procurement of Ammunition, Army / BA 01: Ammunition / BSA 30: Small/ Medium Cal Ammunition | | P-1 Line Item Number / Title: EA3000 / CTG, Handgun, All Types |
| ID Code (A=Service Ready, B=Not Service Ready): | 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>(E96105) CTG 9MM MARKING, M1041 (BLUE) is a training unique item not used in combat. The FY 2017 request supports annual training and builds a depot level in accordance with the Army's procurement goals. FY 2017 Base procurement dollars in the amount of \$0.102 million supports the procurement of 0.156 million M1041 (Blue) cartridges. TYPE CLASSIFICATION DATE: 2009</p> <p>(E96107) CTG, 9MM MARKING, M1041 (RED) is a training unique item not used in combat. The FY 2017 request supports annual training and builds a depot level in accordance with the Army's procurement goals. FY 2017 Base procurement dollars in the amount of \$0.033 million supports the procurement of 0.050 million M1041 (Red) cartridges. TYPE CLASSIFICATION DATE: 2009</p> <p>(E99900) CTG 9MM BALL M882 (COMMERCIAL PACK) is a training standard item packed commercially for training. The FY 2017 request supports annual training and builds a depot level in accordance with the Army's procurement goals. FY 2017 Base procurement dollars in the amount of \$3.008 million supports the procurement of 14.962 million M882 Ball cartridges. TYPE CLASSIFICATION DATE: 1985</p> | | |

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| Exhibit P-5, Cost Analysis: PB 2017 Army | | Date: February 2016 |
| Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 30 | | P-1 Line Item Number / Title: EA3000 / CTG, Handgun, All Types |
| | | Item Number / Title [DODIC]: E05210 / CTG, 9MM BALL, M882 (Combat Pack) [A363] |

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

| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total |
|--|--------------------|----------------|----------------|---------------------|--------------------|----------------------|
| Procurement Quantity (Units in Each) | 326,907K | 16,110,459 | 12,796,386 | 8,496,630 | - | 8,496,630 |
| Gross/Weapon System Cost (\$ in Millions) | 73.644 | 2.698 | 2.746 | 1.900 | - | 1.900 |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - |
| Net Procurement (P-1) (\$ in Millions) | 73.644 | 2.698 | 2.746 | 1.900 | - | 1.900 |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 73.644 | 2.698 | 2.746 | 1.900 | - | 1.900 |

(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) | 0.23 | 0.17 | 0.21 | 0.22 | - | 0.22 |

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

| Cost Elements | 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) |
| Hardware Cost | | | | | | | | | | | | | | | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| LOAD, ASSEMBLE, PACK (LAP) | - | - | 73.644 | 0.14 | 16,110,459 | 2.255 | 0.17 | 12,796,386 | 2.175 | 0.16 | 8,496,630 | 1.359 | - | - | - | 0.16 | 8,496,630 | 1.359 |
| BOX METAL M2A2 | - | - | - | 10.38 | 16,272 | 0.169 | 12.49 | 12,924 | 0.161 | 13.06 | 8,581 | 0.112 | - | - | - | 13.06 | 8,581 | 0.112 |
| <i>Subtotal: Recurring Cost</i> | - | - | <i>73.644</i> | - | - | <i>2.424</i> | - | - | <i>2.337</i> | - | - | <i>1.472</i> | - | - | - | - | - | <i>1.472</i> |
| <i>Subtotal: Hardware Cost</i> | - | - | <i>73.644</i> | - | - | <i>2.424</i> | - | - | <i>2.337</i> | - | - | <i>1.472</i> | - | - | - | - | - | <i>1.472</i> |
| Support - Acceptance Testing Cost | | | | | | | | | | | | | | | | | | |
| Acceptance Test | - | - | - | - | - | - | - | - | 0.100 | - | - | 0.101 | - | - | - | - | - | 0.101 |
| <i>Subtotal: Support - Acceptance Testing Cost</i> | - | - | - | - | - | - | - | - | <i>0.100</i> | - | - | <i>0.101</i> | - | - | - | - | - | <i>0.101</i> |
| Support - Production Engineering Cost | | | | | | | | | | | | | | | | | | |
| Production Engineering | - | - | - | - | - | 0.273 | - | - | 0.308 | - | - | 0.326 | - | - | - | - | - | 0.326 |
| <i>Subtotal: Support - Production Engineering Cost</i> | - | - | - | - | - | <i>0.273</i> | - | - | <i>0.308</i> | - | - | <i>0.326</i> | - | - | - | - | - | <i>0.326</i> |
| Support - Quality Assurance Cost | | | | | | | | | | | | | | | | | | |
| Quality Assurance | - | - | - | - | - | 0.001 | - | - | 0.002 | - | - | 0.002 | - | - | - | - | - | 0.002 |
| <i>Subtotal: Support - Quality Assurance Cost</i> | - | - | - | - | - | <i>0.001</i> | - | - | <i>0.002</i> | - | - | <i>0.002</i> | - | - | - | - | - | <i>0.002</i> |
| Gross/Weapon System Cost | 0.23 | 326,907K | 73.644 | 0.17 | 16,110,459 | 2.698 | 0.21 | 12,796,386 | 2.746 | 0.22 | 8,496,630 | 1.900 | - | - | - | 0.22 | 8,496,630 | 1.900 |

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| Exhibit P-5, Cost Analysis: PB 2017 Army | | Date: February 2016 |
| Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 30 | | P-1 Line Item Number / Title: EA3000 / CTG, Handgun, All Types |
| | | Item Number / Title [DODIC]: E05217 / CTG, 9MM SINGLE ROUND, (DDI), M917A1 [AB45] |

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

| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total |
|--|--------------|----------|----------|--------------|-------------|---------------|
| Procurement Quantity (Units in Each) | 259,720 | - | - | 76,758 | - | 76,758 |
| Gross/Weapon System Cost (\$ in Millions) | 0.545 | - | - | 0.150 | - | 0.150 |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - |
| Net Procurement (P-1) (\$ in Millions) | 0.545 | - | - | 0.150 | - | 0.150 |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 0.545 | - | - | 0.150 | - | 0.150 |

(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) | 2.10 | - | - | 1.95 | - | 1.95 |

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

| Cost Elements | 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) |
| Hardware Cost | | | | | | | | | | | | | | | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| Load, Assemble, Pack (Lap) | - | - | 0.545 | - | - | - | - | - | - | 1.79 | 76,758 | 0.137 | - | - | - | 1.79 | 76,758 | 0.137 |
| BOX METAL M2A2 | - | - | - | - | - | - | - | - | - | 13.06 | 77 | 0.001 | - | - | - | 13.06 | 77 | 0.001 |
| <i>Subtotal: Recurring Cost</i> | - | - | <i>0.545</i> | - | - | - | - | - | - | - | - | <i>0.138</i> | - | - | - | - | - | <i>0.138</i> |
| <i>Subtotal: Hardware Cost</i> | - | - | <i>0.545</i> | - | - | - | - | - | - | - | - | <i>0.138</i> | - | - | - | - | - | <i>0.138</i> |
| Support - Production Engineering Cost | | | | | | | | | | | | | | | | | | |
| Production Engineering | - | - | - | - | - | - | - | - | - | - | - | 0.009 | - | - | - | - | - | 0.009 |
| <i>Subtotal: Support - Production Engineering Cost</i> | - | - | - | - | - | - | - | - | - | - | - | <i>0.009</i> | - | - | - | - | - | <i>0.009</i> |
| Support - Quality Assurance Cost | | | | | | | | | | | | | | | | | | |
| Quality Assurance | - | - | - | - | - | - | - | - | - | - | - | 0.003 | - | - | - | - | - | 0.003 |
| <i>Subtotal: Support - Quality Assurance Cost</i> | - | - | - | - | - | - | - | - | - | - | - | <i>0.003</i> | - | - | - | - | - | <i>0.003</i> |
| Gross/Weapon System Cost | 2.10 | 259,720 | 0.545 | - | - | - | - | - | - | 1.95 | 76,758 | 0.150 | - | - | - | 1.95 | 76,758 | 0.150 |

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2017 Army **Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 30 **P-1 Line Item Number / Title:** EA3000 / CTG, Handgun, All Types **Aggregated Items Title:** Various

| 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) |
| CTG, MODULAR HANDGUN AMMO | | | | | | | | | | | | | | | | | | | | |
| E05218 / CTG, MODULAR HANDGUN AMMO | B | | - | - | - | 0.48 | 6,541,419 | 3.154 | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: CTG, MODULAR HANDGUN AMMO | | | - | - | - | - | - | 3.154 | - | - | - | - | - | - | - | - | - | - | - | - |
| Total | | | - | - | - | - | - | 3.154 | - | - | - | - | - | - | - | - | - | - | - | - |

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-5, Cost Analysis: PB 2017 Army | | Date: February 2016 |
| Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 30 | | P-1 Line Item Number / Title: EA3000 / CTG, Handgun, All Types |
| | | Item Number / Title [DODIC]: E96105 / CTG, 9MM MARKING, M1041 (BLUE) [AB13] |

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

| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total |
|---|--------------------|----------------|----------------|---------------------|--------------------|----------------------|
| Procurement Quantity (<i>Units in Each</i>) | 2,629,673 | 132,948 | 151,252 | 155,790 | - | 155,790 |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 1.501 | 0.081 | 0.100 | 0.102 | - | 0.102 |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 1.501 | 0.081 | 0.100 | 0.102 | - | 0.102 |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 1.501 | 0.081 | 0.100 | 0.102 | - | 0.102 |

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

| | | | | | | |
|--|------|------|------|------|---|------|
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>) | 0.57 | 0.61 | 0.66 | 0.65 | - | 0.65 |

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

| Cost Elements | 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) |
| Hardware Cost | | | | | | | | | | | | | | | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| Complete Round | 0.57 | 2,629,673 | 1,499 | 0.55 | 132,948 | 0.073 | 0.59 | 151,252 | 0.089 | 0.61 | 155,790 | 0.095 | - | - | - | 0.61 | 155,790 | 0.095 |
| <i>Subtotal: Recurring Cost</i> | - | - | 1,499 | - | - | 0.073 | - | - | 0.089 | - | - | 0.095 | - | - | - | - | - | 0.095 |
| <i>Subtotal: Hardware Cost</i> | - | - | 1,499 | - | - | 0.073 | - | - | 0.089 | - | - | 0.095 | - | - | - | - | - | 0.095 |
| Support - Production Engineering Cost | | | | | | | | | | | | | | | | | | |
| Production Engineering | - | - | 0.002 | - | - | 0.008 | - | - | 0.011 | - | - | 0.007 | - | - | - | - | - | 0.007 |
| <i>Subtotal: Support - Production Engineering Cost</i> | - | - | 0.002 | - | - | 0.008 | - | - | 0.011 | - | - | 0.007 | - | - | - | - | - | 0.007 |
| Gross/Weapon System Cost | 0.57 | 2,629,673 | 1.501 | 0.61 | 132,948 | 0.081 | 0.66 | 151,252 | 0.100 | 0.65 | 155,790 | 0.102 | - | - | - | 0.65 | 155,790 | 0.102 |

UNCLASSIFIED

| | | |
|--|--|--|
| Exhibit P-5, Cost Analysis: PB 2017 Army | | Date: February 2016 |
| Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 30 | | P-1 Line Item Number / Title: EA3000 / CTG, Handgun, All Types |
| | | Item Number / Title [DODIC]: E96107 / CTG, 9MM MARKING, M1041 (RED) [AB14] |

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

| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total |
|---|--------------------|----------------|----------------|---------------------|--------------------|----------------------|
| Procurement Quantity (<i>Units in Each</i>) | 1,742,206 | 212,584 | 96,522 | 50,402 | - | 50,402 |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 1.047 | 0.129 | 0.065 | 0.033 | - | 0.033 |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 1.047 | 0.129 | 0.065 | 0.033 | - | 0.033 |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 1.047 | 0.129 | 0.065 | 0.033 | - | 0.033 |

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

| | | | | | | |
|--|------|------|------|------|---|------|
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>) | 0.60 | 0.61 | 0.67 | 0.65 | - | 0.65 |

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

| Cost Elements | 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) |
| Hardware Cost | | | | | | | | | | | | | | | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| Complete Round | 0.55 | 1,742,206 | 0.958 | 0.56 | 212,584 | 0.119 | 0.60 | 96,522 | 0.058 | 0.61 | 50,402 | 0.031 | - | - | - | 0.61 | 50,402 | 0.031 |
| <i>Subtotal: Recurring Cost</i> | - | - | <i>0.958</i> | - | - | <i>0.119</i> | - | - | <i>0.058</i> | - | - | <i>0.031</i> | - | - | - | - | - | <i>0.031</i> |
| Subtotal: Hardware Cost | - | - | 0.958 | - | - | 0.119 | - | - | 0.058 | - | - | 0.031 | - | - | - | - | - | 0.031 |
| Support - Production Engineering Cost | | | | | | | | | | | | | | | | | | |
| Production Engineering | - | - | 0.089 | - | - | 0.010 | - | - | 0.007 | - | - | 0.002 | - | - | - | - | - | 0.002 |
| <i>Subtotal: Support - Production Engineering Cost</i> | - | - | <i>0.089</i> | - | - | <i>0.010</i> | - | - | <i>0.007</i> | - | - | <i>0.002</i> | - | - | - | - | - | <i>0.002</i> |
| Gross/Weapon System Cost | 0.60 | 1,742,206 | 1.047 | 0.61 | 212,584 | 0.129 | 0.67 | 96,522 | 0.065 | 0.65 | 50,402 | 0.033 | - | - | - | 0.65 | 50,402 | 0.033 |

UNCLASSIFIED

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|--|--|---|
| Exhibit P-5, Cost Analysis: PB 2017 Army | | Date: February 2016 |
| Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 30 | P-1 Line Item Number / Title: EA3000 / CTG, Handgun, All Types | Item Number / Title [DODIC]: E99900 / CTG, 9MM Ball, M882 (Commercial Pack) [AA49] |

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

| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total |
|---|--------------------|----------------|----------------|---------------------|--------------------|----------------------|
| Procurement Quantity (<i>Units in Each</i>) | 219,109K | 25,043,060 | 20,760,034 | 14,961,537 | - | 14,961,537 |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 41.375 | 3.593 | 3.890 | 3.008 | - | 3.008 |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 41.375 | 3.593 | 3.890 | 3.008 | - | 3.008 |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 41.375 | 3.593 | 3.890 | 3.008 | - | 3.008 |

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

| | | | | | | |
|--|------|------|------|------|---|------|
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>) | 0.19 | 0.14 | 0.19 | 0.20 | - | 0.20 |

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

| Cost Elements | 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) |
| Hardware Cost | | | | | | | | | | | | | | | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| COMPLETE ROUND | 0.18 | 219,109K | 39.440 | 0.13 | 25,043,060 | 3.256 | 0.16 | 20,760,034 | 3.322 | 0.15 | 14,961,537 | 2.244 | - | - | - | 0.15 | 14,961,537 | 2.244 |
| <i>Subtotal: Recurring Cost</i> | - | - | 39.440 | - | - | 3.256 | - | - | 3.322 | - | - | 2.244 | - | - | - | - | - | 2.244 |
| <i>Subtotal: Hardware Cost</i> | - | - | 39.440 | - | - | 3.256 | - | - | 3.322 | - | - | 2.244 | - | - | - | - | - | 2.244 |
| Support - Production Engineering Cost | | | | | | | | | | | | | | | | | | |
| Production Engineering | - | - | 1.926 | - | - | 0.334 | - | - | 0.565 | - | - | 0.761 | - | - | - | - | - | 0.761 |
| <i>Subtotal: Support - Production Engineering Cost</i> | - | - | 1.926 | - | - | 0.334 | - | - | 0.565 | - | - | 0.761 | - | - | - | - | - | 0.761 |
| Support - Quality Assurance Cost | | | | | | | | | | | | | | | | | | |
| Quality Assurance | - | - | 0.009 | - | - | 0.003 | - | - | 0.003 | - | - | 0.003 | - | - | - | - | - | 0.003 |
| <i>Subtotal: Support - Quality Assurance Cost</i> | - | - | 0.009 | - | - | 0.003 | - | - | 0.003 | - | - | 0.003 | - | - | - | - | - | 0.003 |
| Gross/Weapon System Cost | 0.19 | 219,109K | 41.375 | 0.14 | 25,043,060 | 3.593 | 0.19 | 20,760,034 | 3.890 | 0.20 | 14,961,537 | 3.008 | - | - | - | 0.20 | 14,961,537 | 3.008 |