

**UNCLASSIFIED**

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

|   |   |
|---|---|
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>2034A: Procurement of Ammunition, Army / BA 01: Ammunition / BSA 30: Small/<br>Medium Cal Ammunition | <b>P-1 Line Item Number / Title:</b><br>E02000 / CTG, 7.62MM, All Types |
|---|---|

| ID Code (A=Service Ready, B=Not Service Ready) :  |                | Program Elements for Code B Items: |               |               |             |               | Other Related Program Elements: |               |               |               |             |                |
|---|----------------|------------------------------------|---------------|---------------|-------------|---------------|---------------------------------|---------------|---------------|---------------|-------------|----------------|
| Resource Summary  | Prior Years    | FY 2014                            | FY 2015       | FY 2016 Base  | FY 2016 OCO | FY 2016 Total | FY 2017                         | FY 2018       | FY 2019       | FY 2020       | To Complete | Total          |
| Procurement Quantity (Units in Each)  | -              | -                                  | -             | -             | -           | -             | -                               | -             | -             | -             | -           | -              |
| Gross/Weapon System Cost (\$ in Millions)   | 118.435        | 53.571                             | 12.418        | 40.715        | -           | 40.715        | 56.206                          | 67.192        | 69.237        | 70.903        | -           | 488.677        |
| Less PY Advance Procurement (\$ in Millions)  | -              | -                                  | -             | -             | -           | -             | -                               | -             | -             | -             | -           | -              |
| Net Procurement (P1) (\$ in Millions)   | 118.435        | 53.571                             | 12.418        | 40.715        | -           | 40.715        | 56.206                          | 67.192        | 69.237        | 70.903        | -           | 488.677        |
| Plus CY Advance Procurement (\$ in Millions)  | -              | -                                  | -             | -             | -           | -             | -                               | -             | -             | -             | -           | -              |
| <b>Total Obligation Authority (\$ in Millions)</b>  | <b>118.435</b> | <b>53.571</b>                      | <b>12.418</b> | <b>40.715</b> | <b>-</b>    | <b>40.715</b> | <b>56.206</b>                   | <b>67.192</b> | <b>69.237</b> | <b>70.903</b> | <b>-</b>    | <b>488.677</b> |
| <i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i> |                |                                    |               |               |             |               |                                 |               |               |               |             |                |
| Initial Spares (\$ in Millions)   | -              | -                                  | -             | -             | -           | -             | -                               | -             | -             | -             | -           | -              |
| Flyaway Unit Cost (\$ in Dollars)   | -              | -                                  | -             | -             | -           | -             | -                               | -             | -             | -             | -           | -              |
| Gross/Weapon System Unit Cost (\$ in Dollars)   | -              | -                                  | -             | -             | -           | -             | -                               | -             | -             | -             | -           | -              |

**Description:**

(E02011) 7.62mm M80A1 Enhanced Performance Round (EPR) Ball is linked in a 100 round belt with the M13 link for use in the M240 Machine Gun. The M80A1 Ball Cartridge has a steel penetrator and non-lead slug surrounded by a copper jacket. They are intended for use against personnel and non-armored targets. This Item is Code A, approved for service use.

(E02012) 7.62mm M80A1 Enhanced Performance Round (EPR) Ball Cartridges and M62A1 Tracer Cartridges are linked in a 100 round belt in a 4 Ball/1 Tracer configuration with the M13 link for use in the M240 Machine Gun. The M80A1 Ball Cartridge has a steel penetrator and a non-lead slug surrounded by a copper jacket. The M62A1 Tracer Cartridge provides a visible red light signature through its trajectory and is ballistically matched with the M80A1 trajectory. They are intended for use against personnel and non-armored targets. This Item is Code A, approved for service use.

(E02015) 7.62mm M82A1 Blank Bottlenose Cartridge has a bottlenose design with a paper wad closure and a red tip. The M82A1 is used in sniper training and salute ceremonies in M14 rifles when equipped with a firing adapter. This Item is Code A, approved for service use.

(E02500) 7.62mm Dummy M172 W/M13 linked cartridge is properly weighted in terms of mass and center of gravity and is physically contoured to represent a tactical M80 7.62mm ball round. The round is used for weapon manufacturing testing to conduct belt-pull tests for automatic weapons and for environmental conditioning tests of weapons, mounts and ammunition. The M172 linked cartridge is also used for developing new and/or improved mount systems for the vehicles that contain the M240 Series machine gun. This Item is Code A, approved for service use.

(E02501) 7.62mm, M63A1 Dummy, Drilled and Inert ammunition (DDI) is an inert dummy round used as an ammunition training aid and for weapon familiarization. The 7.62mm, M63A1 DDI ammunition is both nickel plated and fluted for easy recognition and to distinguish the dummy ammunition visually from tactical ammunition. This Item is Code A, approved for service use.

(E89100) 7.62mm M118 Long Range round is a match grade design intended for long range accuracy and is packed in a 20 round cardboard carton and intended for use in the M24, M40, M110, and M14 Rifles. It is intended for use against personnel and non-armored targets. This Item is Code A, approved for service use.

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

**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:**  
E02000 / CTG, 7.62MM, All Types

| ID Code (A=Service Ready, B=Not Service Ready) :         |                 |       | Program Elements for Code B Items:       |  |  | Other Related Program Elements:          |  |  |
|--|-----------------|-------|--|--|--|--|--|--|
| Exhibits Schedule  |                 |       | Prior Years                              | FY 2014                                  | FY 2015                                  | FY 2016 Base                             | FY 2016 OCO                              | FY 2016 Total                            |
| Title*   | Exhibits        | ID CD | Quantity / Total Cost<br>(Each) / (\$ M) | Quantity / Total Cost<br>(Each) / (\$ M) | Quantity / Total Cost<br>(Each) / (\$ M) | Quantity / Total Cost<br>(Each) / (\$ M) | Quantity / Total Cost<br>(Each) / (\$ M) | Quantity / Total Cost<br>(Each) / (\$ M) |
| E02011 / CTG, 7.62MM M80A1 BALL LINKED, LEAD FREE [AB79] | P-5, P-5a, P-21 | A     | 10,691,000 / 10.038                      | 7,659,020 / 6.470                        | 3,120,761 / 3.100                        | 6,483,025 / 5.900                        | - / -                                    | 6,483,025 / 5.900                        |
| E02012 / CTG, 7.62MM 4 BALL/1TR LINKED, LEAD FREE [AB86] | P-5, P-5a, P-21 | A     | 53,014,000 / 70.766                      | 33,937,595 / 46.799                      | 5,366,638 / 7.656                        | 28,623,647 / 34.362                      | - / -                                    | 28,623,647 / 34.362                      |
| E02015 / CTG, 7.62MM, BOTTLENOSE BLANK, M82A1            | P-40a           | A     | - / -                                    | 464,404 / 0.302                          | 2,248,130 / 0.805                        | 642,428 / 0.234                          | - / -                                    | 642,428 / 0.234                          |
| E02500 / CTG 7.62MM DUMMY M172 W/M13 LINK                | P-40a           | A     | 5,000 / 0.290                            | - / -                                    | 418,533 / 0.444                          | - / -                                    | - / -                                    | - / -                                    |
| E89100 / CARTRIDGE 7.62MM M118 LONG RANGE                | P-40a           | A     | 52,259,000 / 37.341                      | - / -                                    | 588,829 / 0.413                          | 313,663 / 0.219                          | - / -                                    | 313,663 / 0.219                          |
| <b>Total Gross/Weapon System Cost</b>                    |                 |       | <b>- / 118.435</b>                       | <b>- / 53.571</b>                        | <b>- / 12.418</b>                        | <b>- / 40.715</b>                        | <b>- / -</b>                             | <b>- / 40.715</b>                        |

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

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

**Justification:**

FY 2016 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.

(E02011) 7.62mm M80A1 Enhanced Performance Round (EPR) Lead Free Slug (LFS) Ball Cartridge is a training standard item used in training and combat. The FY 2016 request supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. FY 2016 Base Procurement dollars in the amount of \$5.900 million supports the procurement of 6.483 million of the 7.62mm M80A1 1 Ball (EPR) (LFS) Cartridges.

(E02012) 7.62mm M80A1 Enhanced Performance Round (EPR) 4 Ball /1 Trace, Lead Free Slug (LFS) Cartridge /M62A1 LFS Tracer Cartridge is a training standard item used in training and combat. The FY 2016 request supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. FY 2016 Base Procurement dollars in the amount of \$34.362 million supports the procurement of 28.624 million of the 7.62mm M80A1 4 Ball/1Trace (EPR) (LFS) Cartridges.

(E02015) 7.62mm M82A1 Blank Bottleneck Cartridge is a training unique item not used in combat. The FY 2016 request supports annual training and builds a depot level in accordance with the Army's procurement goals. FY 2016 Base Procurement dollars in the amount of \$.234 million supports the procurement of .642 million of the M82A1 Blank Bottleneck Cartridges.

(E02500) 7.62mm Dummy M172 W/M13 linked cartridge is a training unique item not used in combat. The procurement supports annual training and builds a depot level in accordance with the Army's procurement goals.

(E89100) 7.62mm M118 Long Range Round is a training standard item used in training and combat. The FY 2016 request supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. FY 2016 Base Procurement dollars in the amount of \$.219 million supports the procurement of .314 million of the 7.62mm Long Range Rounds.

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| <b>Exhibit P-5, Cost Analysis: PB 2016 Army</b>                                  |   | <b>Date:</b> February 2015  |
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>2034A / 01 / 30 | <b>P-1 Line Item Number / Title:</b><br>E02000 / CTG, 7.62MM, All Types | <b>Item Number / Title [DODIC]:</b><br>E02011 / CTG, 7.62MM M80A1 BALL LINKED, LEAD FREE [AB79] |

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

| <b>Resource Summary</b>                                     | <b>Prior Years</b> | <b>FY 2014</b> | <b>FY 2015</b> | <b>FY 2016 Base</b> | <b>FY 2016 OCO</b> | <b>FY 2016 Total</b> |
|---|--------------------|----------------|----------------|---------------------|--------------------|----------------------|
| Procurement Quantity ( <i>Units in Each</i> )               | 10,691,000         | 7,659,020      | 3,120,761      | 6,483,025           | -                  | 6,483,025            |
| Gross/Weapon System Cost ( <i>\$ in Millions</i> )          | 10.038             | 6.470          | 3.100          | 5.900               | -                  | 5.900                |
| Less PY Advance Procurement ( <i>\$ in Millions</i> )       | -                  | -              | -              | -                   | -                  | -                    |
| Net Procurement (P1) ( <i>\$ in Millions</i> )              | 10.038             | 6.470          | 3.100          | 5.900               | -                  | 5.900                |
| Plus CY Advance Procurement ( <i>\$ in Millions</i> )       | -                  | -              | -              | -                   | -                  | -                    |
| <b>Total Obligation Authority</b> ( <i>\$ in Millions</i> ) | <b>10.038</b>      | <b>6.470</b>   | <b>3.100</b>   | <b>5.900</b>        | <b>-</b>           | <b>5.900</b>         |

*(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> ) | 0.94 | 0.84 | 0.99 | 0.91 | - | 0.91 |

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

| <b>Cost Elements</b>            | <b>Prior Years</b>       |                      |                             | <b>FY 2014</b>           |                      |                             | <b>FY 2015</b>           |                      |                             | <b>FY 2016 Base</b>      |                      |                             | <b>FY 2016 OCO</b>       |                      |                             | <b>FY 2016 Total</b>     |                      |                             |
|---------------------------------|--------------------------|----------------------|-----------------------------|--------------------------|----------------------|-----------------------------|--------------------------|----------------------|-----------------------------|--------------------------|----------------------|-----------------------------|--------------------------|----------------------|-----------------------------|--------------------------|----------------------|-----------------------------|
|                                 | <b>Unit Cost</b><br>(\$) | <b>Qty</b><br>(Each) | <b>Total Cost</b><br>(\$ M) | <b>Unit Cost</b><br>(\$) | <b>Qty</b><br>(Each) | <b>Total Cost</b><br>(\$ M) | <b>Unit Cost</b><br>(\$) | <b>Qty</b><br>(Each) | <b>Total Cost</b><br>(\$ M) | <b>Unit Cost</b><br>(\$) | <b>Qty</b><br>(Each) | <b>Total Cost</b><br>(\$ M) | <b>Unit Cost</b><br>(\$) | <b>Qty</b><br>(Each) | <b>Total Cost</b><br>(\$ M) | <b>Unit Cost</b><br>(\$) | <b>Qty</b><br>(Each) | <b>Total Cost</b><br>(\$ M) |
| <b>Hardware Cost</b>            |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |
| Recurring Cost                  |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |
| COMPLETE ROUND <sup>(†)</sup>   | -                        | -                    | 10.038                      | 0.77                     | 7,659,020            | 5.897                       | 0.84                     | 3,120,761            | 2.621                       | 0.84                     | 6,483,025            | 5.446                       | -                        | -                    | -                           | 0.84                     | 6,483,025            | 5.446                       |
| <i>Subtotal: Recurring Cost</i> | -                        | -                    | 10.038                      | -                        | -                    | 5.897                       | -                        | -                    | 2.621                       | -                        | -                    | 5.446                       | -                        | -                    | -                           | -                        | -                    | 5.446                       |
| <i>Subtotal: Hardware Cost</i>  | -                        | -                    | 10.038                      | -                        | -                    | 5.897                       | -                        | -                    | 2.621                       | -                        | -                    | 5.446                       | -                        | -                    | -                           | -                        | -                    | 5.446                       |
| <b>Support Cost</b>             |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |
| PRODUCTION ENGINEERING          | -                        | -                    | -                           | -                        | -                    | 0.536                       | -                        | -                    | 0.443                       | -                        | -                    | 0.454                       | -                        | -                    | -                           | -                        | -                    | 0.454                       |
| QUALITY ASSURANCE               | -                        | -                    | -                           | -                        | -                    | 0.004                       | -                        | -                    | 0.003                       | -                        | -                    | -                           | -                        | -                    | -                           | -                        | -                    | -                           |
| ACCEPTANCE TESTING              | -                        | -                    | -                           | -                        | -                    | 0.033                       | -                        | -                    | 0.033                       | -                        | -                    | -                           | -                        | -                    | -                           | -                        | -                    | -                           |
| <i>Subtotal: Support Cost</i>   | -                        | -                    | -                           | -                        | -                    | 0.573                       | -                        | -                    | 0.479                       | -                        | -                    | 0.454                       | -                        | -                    | -                           | -                        | -                    | 0.454                       |
| <b>Gross/Weapon System Cost</b> | <b>0.94</b>              | <b>10,691,000</b>    | <b>10.038</b>               | <b>0.84</b>              | <b>7,659,020</b>     | <b>6.470</b>                | <b>0.99</b>              | <b>3,120,761</b>     | <b>3.100</b>                | <b>0.91</b>              | <b>6,483,025</b>     | <b>5.900</b>                | <b>-</b>                 | <b>-</b>             | <b>-</b>                    | <b>0.91</b>              | <b>6,483,025</b>     | <b>5.900</b>                |

(†) indicates the presence of a P-5a

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| <b>Exhibit P-5a, Procurement History and Planning:</b> PB 2016 Army              |  |  |   |  |  |  | <b>Date:</b> February 2015  |  |  |  |  |  |
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>2034A / 01 / 30 |  |  | <b>P-1 Line Item Number / Title:</b><br>E02000 / CTG, 7.62MM, All Types |  |  |  | <b>Item Number / Title [DODIC]:</b><br>E02011 / CTG, 7.62MM M80A1 BALL LINKED, LEAD FREE [AB79] |  |  |  |  |  |

| Cost Elements                 | O<br>C<br>O | FY   | Contractor and Location                           | Method/Type<br>or<br>Funding Vehicle | Location of PCO         | Award<br>Date | Date<br>of First<br>Delivery | Qty<br><i>(Each)</i> | Unit Cost<br><i>(\$)</i> | Specs<br>Avail<br>Now? | Date<br>Revision<br>Available | RFP<br>Issue<br>Date |
|-------------------------------|-------------|------|---|--------------------------------------|-------------------------|---------------|------------------------------|----------------------|--------------------------|------------------------|-------------------------------|----------------------|
| COMPLETE ROUND <sup>(†)</sup> |             | 2014 | ALLIANT TECHSYSTEMS<br>(LCAAP) / INDEPENDENCE, MO | C / FFP                              | ROCK ISLAND ARSENAL, IL | Sep 2014      | Jan 2015                     | 7,659,020            | 0.77                     | Y                      |                               |                      |
| COMPLETE ROUND <sup>(†)</sup> |             | 2015 | ALLIANT TECHSYSTEMS<br>(LCAAP) / INDEPENDENCE, MO | C / FFP                              | ROCK ISLAND ARSENAL, IL | Mar 2015      | Apr 2016                     | 3,120,761            | 0.84                     | Y                      |                               |                      |
| COMPLETE ROUND <sup>(†)</sup> |             | 2016 | ALLIANT TECHSYSTEMS<br>(LCAAP) / INDEPENDENCE, MO | C / FFP                              | ROCK ISLAND ARSENAL, IL | Mar 2016      | Apr 2017                     | 6,483,025            | 0.84                     | Y                      |                               |                      |

<sup>(†)</sup> indicates the presence of a P-21

**Remarks:**  
FY 2014, FY 2015 AND FY 2016 COMPLETE ROUND IS A DELIVERY ORDER TO THE E XISTING CONTRACT AWARDED IN FY 2012.

TYPE CLASSIFICATION DATE: 1962

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| <b>Exhibit P-21, Production Schedule:</b> PB 2016 Army                           |  |  |  |  |  |  |  |  |  |   |  |  |  |  | <b>Date:</b> February 2015 |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>2034A / 01 / 30 |  |  |  |  |  |  |  |  |  | <b>P-1 Line Item Number / Title:</b><br>E02000 / CTG, 7.62MM, All Types |  |  |  |  |                            |  |  |  |  | <b>Item Number / Title [DODIC]:</b><br>E02011 / CTG, 7.62MM M80A1 BALL LINKED, LEAD FREE [AB79] |  |  |  |  |  |  |  |  |  |

| Cost Elements<br><i>(Units in Millions (* = &lt; 500 units))</i> |                  |      |         |             |  | Fiscal Year 2014             |                    |             |             |             |             |             |             |             |             |             |             | Fiscal Year 2015 |                    |             |             |             |             |             |             |             |             |             |             |             |             |
|--|------------------|------|---------|-------------|--|------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O<br>C<br>C<br>#   | M<br>F<br>R<br># | FY   | SERVICE | PROC<br>QTY | ACCEPT<br>PRIOR<br>TO 1<br>OCT<br>2013 | BAL<br>DUE<br>AS OF<br>1 OCT | Calendar Year 2014 |             |             |             |             |             |             |             |             |             |             |                  | Calendar Year 2015 |             |             |             |             |             |             |             |             |             |             |             |             |
|  |                  |      |         |             |  |                              | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P      | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | B<br>A<br>L |
| COMPLETE ROUND   |                  |      |         |             |  |                              |                    |             |             |             |             |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             |             |             |             |
|  | 1                | 2014 | ARMY    | 7.659       | -                                      | 7.659                        |                    |             |             |             |             |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             |             |             |             |
|  | 1                | 2015 | ARMY    | 3.121       | -                                      | 3.121                        |                    |             |             |             |             |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             |             |             |             |
|  | 1                | 2016 | ARMY    | 6.483       | -                                      | 6.483                        |                    |             |             |             |             |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             |             |             |             |
|  |                  |      |         |             |  |                              | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P      | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | B<br>A<br>L |

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| <b>Exhibit P-21, Production Schedule:</b> PB 2016 Army                           |  |  |  |  |  |   |  |  |  |  |  |  |  | <b>Date:</b> February 2015 |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>2034A / 01 / 30 |  |  |  |  |  | <b>P-1 Line Item Number / Title:</b><br>E02000 / CTG, 7.62MM, All Types |  |  |  |  |  |  |  |                            |  |  |  | <b>Item Number / Title [DODIC]:</b><br>E02011 / CTG, 7.62MM M80A1 BALL LINKED, LEAD FREE [AB79] |  |  |  |  |  |  |  |  |  |  |  |

| Cost Elements<br><i>(Units in Millions (* = &lt; 500 units))</i> |                  |      |         |             |  | Fiscal Year 2016             |                    |             |             |             |             |             |             |             |             |             |             | Fiscal Year 2017 |                    |             |             |             |             |             |             |             |             |             |             |             |             |
|--|------------------|------|---------|-------------|--|------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O<br>C<br>C<br>#   | M<br>F<br>R<br># | FY   | SERVICE | PROC<br>QTY | ACCEPT<br>PRIOR<br>TO 1<br>OCT<br>2015 | BAL<br>DUE<br>AS OF<br>1 OCT | Calendar Year 2016 |             |             |             |             |             |             |             |             |             |             |                  | Calendar Year 2017 |             |             |             |             |             |             |             |             |             |             |             |             |
|  |                  |      |         |             |  |                              | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P      | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | B<br>A<br>L |
| COMPLETE ROUND   |                  |      |         |             |  |                              |                    |             |             |             |             |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             |             |             |             |
|  | 1                | 2014 | ARMY    | 7.659       | 3.047                                  | 4.612                        | -                  | -           | 4.612       |             |             |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             | -           |             |             |
|  | 1                | 2015 | ARMY    | 3.121       | -                                      | 3.121                        | -                  | -           | -           | -           | -           | .260        | .260        | .260        | .260        | .260        | .260        | .260             | .260               | .260        | .260        | .260        | .260        |             |             |             |             |             | -           |             |             |
|  | 1                | 2016 | ARMY    | 6.483       | -                                      | 6.483                        |                    |             |             |             |             | A -         | -           | -           | -           | -           | -           | -                | -                  | -           | -           | -           | .540        | .540        | .540        | .540        | .540        | .540        | 3.242       |             |             |
|  |                  |      |         |             |  |                              | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P      | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | B<br>A<br>L |



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| <b>Exhibit P-21, Production Schedule:</b> PB 2016 Army                           |  |  |                       |   |                                      |                        | <b>Date:</b> February 2015 |   |                           |                        |                |                          |
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>2034A / 01 / 30 |  |  |                       | <b>P-1 Line Item Number / Title:</b><br>E02000 / CTG, 7.62MM, All Types |                                      |                        |                            | <b>Item Number / Title [DODIC]:</b><br>E02011 / CTG, 7.62MM M80A1 BALL LINKED, LEAD FREE [AB79] |                           |                        |                |                          |
|  |  | <b>Production Rates (Each / Month)</b> |                       |   | <b>Procurement Leadtime (Months)</b> |                        |                            |   |                           |                        |                |                          |
| <b>MFR Ref #</b>   | <b>MFR Name - Location</b>                     | <b>MSR For 2016</b>                    | <b>1-8-5 For 2016</b> | <b>MAX For 2016</b>   | <b>Initial</b>                       |                        |                            |   | <b>Reorder</b>            |                        |                |                          |
|  |  |  |                       |   | <b>ALT Prior to Oct 1</b>            | <b>ALT After Oct 1</b> | <b>Mfg PLT</b>             | <b>Total After Oct 1</b>  | <b>ALT Prior to Oct 1</b> | <b>ALT After Oct 1</b> | <b>Mfg PLT</b> | <b>Total After Oct 1</b> |
| 1  | ALLIANT TECHSYSTEMS (LCAAP) - INDEPENDENCE, MO | 800                                    | 5,000,000             | 10,000,000  | 6                                    | 6                      | 13                         | 19  | 6                         | 6                      | 13             | 19                       |

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

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



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| <b>Exhibit P-5, Cost Analysis: PB 2016 Army</b>                                  |   | <b>Date:</b> February 2015   |
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>2034A / 01 / 30 | <b>P-1 Line Item Number / Title:</b><br>E02000 / CTG, 7.62MM, All Types | <b>Item Number / Title [DODIC]:</b><br>E02012 / CTG, 7.62MM 4 BALL/1TR<br>LINKED, LEAD FREE [AB86] |

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

| <b>Resource Summary</b>                                   | <b>Prior Years</b> | <b>FY 2014</b> | <b>FY 2015</b> | <b>FY 2016 Base</b> | <b>FY 2016 OCO</b> | <b>FY 2016 Total</b> |
|---|--------------------|----------------|----------------|---------------------|--------------------|----------------------|
| Procurement Quantity <i>(Units in Each)</i>               | 53,014,000         | 33,937,595     | 5,366,638      | 28,623,647          | -                  | 28,623,647           |
| Gross/Weapon System Cost <i>(\$ in Millions)</i>          | 70.766             | 46.799         | 7.656          | 34.362              | -                  | 34.362               |
| Less PY Advance Procurement <i>(\$ in Millions)</i>       | -                  | -              | -              | -                   | -                  | -                    |
| Net Procurement (P1) <i>(\$ in Millions)</i>              | 70.766             | 46.799         | 7.656          | 34.362              | -                  | 34.362               |
| Plus CY Advance Procurement <i>(\$ in Millions)</i>       | -                  | -              | -              | -                   | -                  | -                    |
| <b>Total Obligation Authority</b> <i>(\$ in Millions)</i> | <b>70.766</b>      | <b>46.799</b>  | <b>7.656</b>   | <b>34.362</b>       | <b>-</b>           | <b>34.362</b>        |

*(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> | 1.33 | 1.38 | 1.43 | 1.20 | - | 1.20 |

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

| <b>Cost Elements</b>            | <b>Prior Years</b>       |                      |                             | <b>FY 2014</b>           |                      |                             | <b>FY 2015</b>           |                      |                             | <b>FY 2016 Base</b>      |                      |                             | <b>FY 2016 OCO</b>       |                      |                             | <b>FY 2016 Total</b>     |                      |                             |
|---------------------------------|--------------------------|----------------------|-----------------------------|--------------------------|----------------------|-----------------------------|--------------------------|----------------------|-----------------------------|--------------------------|----------------------|-----------------------------|--------------------------|----------------------|-----------------------------|--------------------------|----------------------|-----------------------------|
|                                 | <b>Unit Cost</b><br>(\$) | <b>Qty</b><br>(Each) | <b>Total Cost</b><br>(\$ M) | <b>Unit Cost</b><br>(\$) | <b>Qty</b><br>(Each) | <b>Total Cost</b><br>(\$ M) | <b>Unit Cost</b><br>(\$) | <b>Qty</b><br>(Each) | <b>Total Cost</b><br>(\$ M) | <b>Unit Cost</b><br>(\$) | <b>Qty</b><br>(Each) | <b>Total Cost</b><br>(\$ M) | <b>Unit Cost</b><br>(\$) | <b>Qty</b><br>(Each) | <b>Total Cost</b><br>(\$ M) | <b>Unit Cost</b><br>(\$) | <b>Qty</b><br>(Each) | <b>Total Cost</b><br>(\$ M) |
| <b>Hardware Cost</b>            |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |
| Recurring Cost                  |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |
| COMPLETE ROUND <sup>(†)</sup>   | -                        | -                    | 70.766                      | 1.13                     | 33,937,595           | 38.349                      | 1.15                     | 5,366,638            | 6.172                       | 1.06                     | 28,623,647           | 30.341                      | -                        | -                    | -                           | 1.06                     | 28,623,647           | 30.341                      |
| <i>Subtotal: Recurring Cost</i> | -                        | -                    | 70.766                      | -                        | -                    | 38.349                      | -                        | -                    | 6.172                       | -                        | -                    | 30.341                      | -                        | -                    | -                           | -                        | -                    | 30.341                      |
| <i>Subtotal: Hardware Cost</i>  | -                        | -                    | 70.766                      | -                        | -                    | 38.349                      | -                        | -                    | 6.172                       | -                        | -                    | 30.341                      | -                        | -                    | -                           | -                        | -                    | 30.341                      |
| <b>Support Cost</b>             |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |                          |                      |                             |
| PRODUCTION ENGINEERING          | -                        | -                    | -                           | -                        | -                    | 2.878                       | -                        | -                    | 0.840                       | -                        | -                    | 2.325                       | -                        | -                    | -                           | -                        | -                    | 2.325                       |
| QUALITY ASSURANCE               | -                        | -                    | -                           | -                        | -                    | -                           | -                        | -                    | 0.006                       | -                        | -                    | 0.022                       | -                        | -                    | -                           | -                        | -                    | 0.022                       |
| ACCEPTANCE TESTING              | -                        | -                    | -                           | -                        | -                    | -                           | -                        | -                    | 0.072                       | -                        | -                    | 0.050                       | -                        | -                    | -                           | -                        | -                    | 0.050                       |
| ENVIRONMENTAL INITIATIVES       | -                        | -                    | -                           | -                        | -                    | 5.572                       | -                        | -                    | 0.566                       | -                        | -                    | 1.497                       | -                        | -                    | -                           | -                        | -                    | 1.497                       |
| NATO CERTIFICATION              | -                        | -                    | -                           | -                        | -                    | -                           | -                        | -                    | -                           | -                        | -                    | 0.127                       | -                        | -                    | -                           | -                        | -                    | 0.127                       |
| <i>Subtotal: Support Cost</i>   | -                        | -                    | -                           | -                        | -                    | 8.450                       | -                        | -                    | 1.484                       | -                        | -                    | 4.021                       | -                        | -                    | -                           | -                        | -                    | 4.021                       |
| <b>Gross/Weapon System Cost</b> | <b>1.33</b>              | <b>53,014,000</b>    | <b>70.766</b>               | <b>1.38</b>              | <b>33,937,595</b>    | <b>46.799</b>               | <b>1.43</b>              | <b>5,366,638</b>     | <b>7.656</b>                | <b>1.20</b>              | <b>28,623,647</b>    | <b>34.362</b>               | <b>-</b>                 | <b>-</b>             | <b>-</b>                    | <b>1.20</b>              | <b>28,623,647</b>    | <b>34.362</b>               |

<sup>(†)</sup> indicates the presence of a P-5a

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| <b>Exhibit P-5a, Procurement History and Planning:</b> PB 2016 Army              |  |  |   |  |  |  | <b>Date:</b> February 2015   |  |  |  |  |  |
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>2034A / 01 / 30 |  |  | <b>P-1 Line Item Number / Title:</b><br>E02000 / CTG, 7.62MM, All Types |  |  |  | <b>Item Number / Title [DODIC]:</b><br>E02012 / CTG, 7.62MM 4 BALL/1TR<br>LINKED, LEAD FREE [AB86] |  |  |  |  |  |

| Cost Elements                 | O<br>C<br>O | FY   | Contractor and Location                           | Method/Type<br>or<br>Funding Vehicle | Location of PCO         | Award<br>Date | Date<br>of First<br>Delivery | Qty<br><i>(Each)</i> | Unit Cost<br><i>(\$)</i> | Specs<br>Avail<br>Now? | Date<br>Revision<br>Available | RFP<br>Issue<br>Date |
|-------------------------------|-------------|------|---|--------------------------------------|-------------------------|---------------|------------------------------|----------------------|--------------------------|------------------------|-------------------------------|----------------------|
| COMPLETE ROUND <sup>(†)</sup> |             | 2014 | OLIN CORP WINCHESTER<br>DIVISION / EAST ALTON, IL | C / FFP                              | PICATINNY ARSENAL, NJ   | Jun 2014      | Sep 2015                     | 5,430,015            | 1.13                     | Y                      |                               |                      |
| COMPLETE ROUND <sup>(†)</sup> |             | 2014 | ALLIANT TECHSYSTEMS<br>(LCAAP) / INDEPENDENCE, MO | C / FFP                              | ROCK ISLAND ARSENAL, IL | Sep 2014      | Apr 2015                     | 28,507,580           | 1.13                     | Y                      |                               |                      |
| COMPLETE ROUND <sup>(†)</sup> |             | 2015 | ALLIANT TECHSYSTEMS<br>(LCAAP) / INDEPENDENCE, MO | C / FFP                              | ROCK ISLAND ARSENAL, IL | Mar 2015      | Apr 2016                     | 5,366,638            | 1.15                     | Y                      |                               |                      |
| COMPLETE ROUND <sup>(†)</sup> |             | 2016 | ALLIANT TECHSYSTEMS<br>(LCAAP) / INDEPENDENCE, MO | C / FFP                              | ROCK ISLAND ARSENAL, IL | Mar 2016      | Apr 2017                     | 28,623,647           | 1.06                     | Y                      |                               |                      |

<sup>(†)</sup> indicates the presence of a P-21

**Remarks:**  
FY 2014, FY 2015 AND FY 2016 COMPLETE ROUND IS A DELIVERY ORDER TO THE EXISTING CONTRACT AWARDED IN FY 2012.

TYPE CLASSIFICATION DATE: 1957

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|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <b>Exhibit P-21, Production Schedule:</b> PB 2016 Army                           |  |  |  |  |  |  |  |  |  |   |  |  |  |  | <b>Date:</b> February 2015 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>2034A / 01 / 30 |  |  |  |  |  |  |  |  |  | <b>P-1 Line Item Number / Title:</b><br>E02000 / CTG, 7.62MM, All Types |  |  |  |  |                            |  |  |  |  | <b>Item Number / Title [DODIC]:</b><br>E02012 / CTG, 7.62MM 4 BALL/1TR<br>LINKED, LEAD FREE [AB86] |  |  |  |  |  |  |  |  |  |

| Cost Elements<br><i>(Units in Millions (* = &lt; 500 units))</i> |                  |      |         |             |  | Fiscal Year 2014             |                    |             |             |             |             |             |             |             |             |             |             | Fiscal Year 2015 |                    |             |             |             |             |             |             |             |             |             |             |             |             |   |       |       |  |  |  |
|--|------------------|------|---------|-------------|--|------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|-------|-------|--|--|--|
| O<br>C<br>C<br>#   | M<br>F<br>R<br># | FY   | SERVICE | PROC<br>QTY | ACCEPT<br>PRIOR<br>TO 1<br>OCT<br>2013 | BAL<br>DUE<br>AS OF<br>1 OCT | Calendar Year 2014 |             |             |             |             |             |             |             |             |             |             |                  | Calendar Year 2015 |             |             |             |             |             |             |             |             |             |             |             |             |   |       |       |  |  |  |
|  |                  |      |         |             |  |                              | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P      | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | B<br>A<br>L |   |       |       |  |  |  |
| COMPLETE ROUND   |                  |      |         |             |  |                              |                    |             |             |             |             |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             |             |             |             |   |       |       |  |  |  |
|  | 1                | 2014 | ARMY    | 5.430       | -                                      | 5.430                        |                    |             |             |             |             |             |             |             |             |             |             | A                | -                  | -           | -           | -           | -           | -           | -           | -           | -           | -           | -           | -           | -           | - | 1.000 | 4.430 |  |  |  |
|  | 2                | 2014 | ARMY    | 28.508      | -                                      | 28.508                       |                    |             |             |             |             |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             |             |             |             |   |       |       |  |  |  |
|  | 2                | 2015 | ARMY    | 5.367       | -                                      | 5.367                        |                    |             |             |             |             |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             |             |             |             |   |       |       |  |  |  |
|  | 2                | 2016 | ARMY    | 28.624      | -                                      | 28.624                       |                    |             |             |             |             |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             |             |             |             |   |       |       |  |  |  |
|  |                  |      |         |             |  |                              | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P      | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | B<br>A<br>L |   |       |       |  |  |  |

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| <b>Exhibit P-21, Production Schedule:</b> PB 2016 Army                           |  |  |  |  |  |  |  |  |  |   |  |  |  |  | <b>Date:</b> February 2015 |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>2034A / 01 / 30 |  |  |  |  |  |  |  |  |  | <b>P-1 Line Item Number / Title:</b><br>E02000 / CTG, 7.62MM, All Types |  |  |  |  |                            |  |  |  |  | <b>Item Number / Title [DODIC]:</b><br>E02012 / CTG, 7.62MM 4 BALL/1TR LINKED, LEAD FREE [AB86] |  |  |  |  |  |  |  |  |  |

| Cost Elements<br><i>(Units in Millions (* = &lt; 500 units))</i> |                  |      |         |             |                                     | Fiscal Year 2016             |                    |             |             |             |             |             |             |             |             |             |             | Fiscal Year 2017 |                    |             |             |             |             |             |             |             |             |             |             |             |             |
|--|------------------|------|---------|-------------|-------------------------------------|------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O<br>C<br>C<br>#   | M<br>F<br>R<br># | FY   | SERVICE | PROC<br>QTY | ACCEP<br>T<br>O<br>1<br>OCT<br>2015 | BAL<br>DUE<br>AS OF<br>1 OCT | Calendar Year 2016 |             |             |             |             |             |             |             |             |             |             |                  | Calendar Year 2017 |             |             |             |             |             |             |             |             |             |             |             |             |
|  |                  |      |         |             |                                     |                              | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P      | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | B<br>A<br>L |
| COMPLETE ROUND   |                  |      |         |             |                                     |                              |                    |             |             |             |             |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             |             |             |             |
|  | 1                | 2014 | ARMY    | 5.430       | 1.000                               | 4.430                        | 1.000              | 1.000       | 1.000       | 1.000       | .430        |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             | -           |             |             |
|  | 2                | 2014 | ARMY    | 28.508      | 18.000                              | 10.508                       | 2.300              | 2.100       | 2.100       | 2.100       | 1.908       |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             | -           |             |             |
|  | 2                | 2015 | ARMY    | 5.367       | -                                   | 5.367                        | -                  | -           | -           | -           | -           | -           | 2.000       | 2.000       | 1.367       |             |             |                  |                    |             |             |             |             |             |             |             |             |             | -           |             |             |
|  | 2                | 2016 | ARMY    | 28.624      | -                                   | 28.624                       |                    |             |             |             |             |             | A -         | -           | -           | -           | -           | -                | -                  | -           | -           | -           | -           | -           | -           | -           | -           | -           | 14.312      |             |             |
|  |                  |      |         |             |                                     |                              | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P      | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | B<br>A<br>L |

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| <b>Exhibit P-21, Production Schedule:</b> PB 2016 Army                           |  |  |  |  |  |  |  |  |  |   |  |  |  |  | <b>Date:</b> February 2015 |  |  |  |  |   |  |  |  |  |  |  |  |  |  |
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>2034A / 01 / 30 |  |  |  |  |  |  |  |  |  | <b>P-1 Line Item Number / Title:</b><br>E02000 / CTG, 7.62MM, All Types |  |  |  |  |                            |  |  |  |  | <b>Item Number / Title [DODIC]:</b><br>E02012 / CTG, 7.62MM 4 BALL/1TR LINKED, LEAD FREE [AB86] |  |  |  |  |  |  |  |  |  |

| Cost Elements<br><i>(Units in Millions (* = &lt; 500 units))</i> |                  |      |         |             |  | Fiscal Year 2018             |                    |             |             |             |             |             |             |             |             |             |             | Fiscal Year 2019 |                    |             |             |             |             |             |             |             |             |             |             |             |             |
|--|------------------|------|---------|-------------|--|------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| O<br>C<br>C<br>#   | M<br>F<br>R<br># | FY   | SERVICE | PROC<br>QTY | ACCEPT<br>PRIOR<br>TO 1<br>OCT<br>2017 | BAL<br>DUE<br>AS OF<br>1 OCT | Calendar Year 2018 |             |             |             |             |             |             |             |             |             |             |                  | Calendar Year 2019 |             |             |             |             |             |             |             |             |             |             |             |             |
|  |                  |      |         |             |  |                              | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P      | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | B<br>A<br>L |
| COMPLETE ROUND   |                  |      |         |             |  |                              |                    |             |             |             |             |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             |             |             |             |
|  | 1                | 2014 | ARMY    | 5.430       | 5.430                                  | -                            |                    |             |             |             |             |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             |             |             |             |
|  | 2                | 2014 | ARMY    | 28.508      | 28.508                                 | -                            |                    |             |             |             |             |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             |             |             |             |
|  | 2                | 2015 | ARMY    | 5.367       | 5.367                                  | -                            |                    |             |             |             |             |             |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             |             |             |             |
|  | 2                | 2016 | ARMY    | 28.624      | 14.312                                 | 14.312                       | 2.385              | 2.385       | 2.385       | 2.385       | 2.385       | 2.385       |             |             |             |             |             |                  |                    |             |             |             |             |             |             |             |             |             |             |             |             |
|  |                  |      |         |             |  |                              | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P      | O<br>C<br>T        | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | B<br>A<br>L |

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| <b>Exhibit P-21, Production Schedule:</b> PB 2016 Army                           |  | <b>Date:</b> February 2015   |
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>2034A / 01 / 30 |  | <b>P-1 Line Item Number / Title:</b><br>E02000 / CTG, 7.62MM, All Types                            |
|  |  | <b>Item Number / Title [DODIC]:</b><br>E02012 / CTG, 7.62MM 4 BALL/1TR<br>LINKED, LEAD FREE [AB86] |

| MFR Ref # | MFR Name - Location                            | Production Rates (Each / Month) |                |              | Procurement Leadtime (Months) |                 |         |                   |                    |                 |         |                   |
|-----------|--|---------------------------------|----------------|--------------|-------------------------------|-----------------|---------|-------------------|--------------------|-----------------|---------|-------------------|
|           |  | MSR For 2016                    | 1-8-5 For 2016 | MAX For 2016 | 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         | OLIN CORP WINCHESTER DIVISION - EAST ALTON, IL | 500,000                         | 1,500,000      | 3,000,000    | 6                             | 6               | 13      | 19                | 6                  | 6               | 13      | 19                |
| 2         | ALLIANT TECHSYSTEMS (LCAAP) - INDEPENDENCE, MO | 800                             | 5,000,000      | 10,000,000   | 6                             | 6               | 13      | 19                | 6                  | 6               | 13      | 19                |

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

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

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| <b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2016 Army |  |  |  |  |  |  |   |  |  |  |  |  |  |  | <b>Date:</b> February 2015                |  |  |  |  |
| <b>Appropriation / Budget Activity / Budget Sub Activity:</b><br>2034A / 01 / 30   |  |  |  |  |  |  | <b>P-1 Line Item Number / Title:</b><br>E02000 / CTG, 7.62MM, All Types |  |  |  |  |  |  |  | <b>Aggregated Items Title:</b><br>Various |  |  |  |  |

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

| Item Number / Title [DODIC]                           | ID CD | MDAP/MAIS Code | Prior Years    |            |                   | FY 2014        |            |                   | FY 2015        |            |                   | FY 2016 Base   |            |                   | FY 2016 OCO    |            |                   | FY 2016 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) |
| <b>CTG, 7.62MM, BOTTLENOSE BLANK, M82A1</b>           |       |                |                |            |                   |                |            |                   |                |            |                   |                |            |                   |                |            |                   |                |            |                   |
| E02015 / CTG, 7.62MM, BOTTLENOSE BLANK, M82A1         | A     |                | -              | -          | -                 | 0.65           | 464,404    | 0.302             | 0.36           | 2,248,130  | 0.805             | 0.36           | 642,428    | 0.234             | -              | -          | -                 | 0.36           | 642,428    | 0.234             |
| E02500 / CTG 7.62MM DUMMY M172 W/M13 LINK             | A     |                | 58.00          | 5,000      | 0.290             | -              | -          | -                 | 1.06           | 418,533    | 0.444             | -              | -          | -                 | -              | -          | -                 | -              | -          | -                 |
| E89100 / CARTRIDGE 7.62MM M118 LONG RANGE             | A     |                | 0.71           | 52,259,000 | 37.341            | -              | -          | -                 | 0.70           | 588,829    | 0.413             | 0.70           | 313,663    | 0.219             | -              | -          | -                 | 0.70           | 313,663    | 0.219             |
| <i>Subtotal: CTG, 7.62MM, BOTTLENOSE BLANK, M82A1</i> |       |                | -              | -          | 37.631            | -              | -          | 0.302             | -              | -          | 1.662             | -              | -          | 0.453             | -              | -          | -                 | -              | -          | 0.453             |
| <b>Total</b>  |       |                | -              | -          | <b>37.631</b>     | -              | -          | <b>0.302</b>      | -              | -          | <b>1.662</b>      | -              | -          | <b>0.453</b>      | -              | -          | -                 | -              | -          | <b>0.453</b>      |