OUR MISSION

PM MAS develops, equips and sustains integrated lethal Direct Fire Ammunition effects to enable Joint and Allied Warfighters overmatch in the battlefield.

OUR VISION

Innovative and dedicated hard-working professionals ensuring our Warfighters prevail in battle and return home safely.
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<th>AMMO ROUND</th>
<th>PAGE</th>
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<tbody>
<tr>
<td>A059</td>
<td>M855 Ball</td>
<td>8</td>
</tr>
<tr>
<td>A062</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A064</td>
<td>M856 Trace</td>
<td>9</td>
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<tr>
<td>AA33</td>
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<td>8</td>
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<td>A064</td>
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<tr>
<td>A071</td>
<td>M193 Ball</td>
<td>10</td>
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<td>A066</td>
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<tr>
<td>A075</td>
<td>M200 Blank</td>
<td>11</td>
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<td>A080</td>
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<tr>
<td>AA01</td>
<td>M995 AP</td>
<td>12</td>
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<td>AA02</td>
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<td>AA69</td>
<td></td>
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</tr>
<tr>
<td>AB56</td>
<td>M855A1 EPR</td>
<td>13</td>
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<tr>
<td>AB57</td>
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</tr>
<tr>
<td>AB58</td>
<td>M855A1 EPR</td>
<td>13</td>
</tr>
<tr>
<td>AB77</td>
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<td></td>
</tr>
<tr>
<td>AB73</td>
<td>M856A1 Trace</td>
<td>14</td>
</tr>
<tr>
<td>AB74</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AA68</td>
<td>M862 SRTA</td>
<td>15</td>
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<tr>
<td>AB66</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AB67</td>
<td>M1037 SRTA</td>
<td>16</td>
</tr>
<tr>
<td>AC10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
M855
BALL

SYSTEM CHARACTERISTICS

| HEIGHT   | 2.248” |
| WEIGHT   | 190 gr |
| VELOCITY | 3020 fps @ 78’ |
| DISPERSION | 6.8” @ 600 yd |

ADDITIONAL FACTS

- Designed for use in M4, M4A1, M16A2 and M249 Squad Automatic
- Unsuitable for use in M16A1
- Steel insert effective against most types of fabric body armor
- Three piece construction achieves good effects against unprotected personnel targets

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>A059</td>
<td>Ball M855, Clipped</td>
<td>M4, M4A1, M16A2/A4</td>
</tr>
<tr>
<td>A062</td>
<td>Ball M855 w/M27 Link</td>
<td>M249 SAW</td>
</tr>
<tr>
<td>A064</td>
<td>4 Ball M855/1 Trace M856 w/M27 Link</td>
<td>M249 SAW</td>
</tr>
<tr>
<td>AA33</td>
<td>M855 Ball, Clipped (Commercial Pack)</td>
<td>M4, M4A1, M16A2/A4</td>
</tr>
</tbody>
</table>
# M856 TRACE

## System Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>2.248”</td>
</tr>
<tr>
<td>Weight</td>
<td>191 gr</td>
</tr>
<tr>
<td>Velocity</td>
<td>2990 fps @ 78’</td>
</tr>
<tr>
<td>Dispersion</td>
<td>≤10.3” @ 600 yd</td>
</tr>
</tbody>
</table>

## Additional Facts

- Designed as a complement to M855 Ball for M249 SAW
- Requires 1:7 barrel twist for flight stability
- Unsuitable for use in M16A1

## DODIC Code

<table>
<thead>
<tr>
<th>DODIC</th>
<th>Name</th>
<th>Weapon</th>
</tr>
</thead>
<tbody>
<tr>
<td>A063</td>
<td>Trace M856</td>
<td>M4, M4A1, M16A2/A4</td>
</tr>
<tr>
<td>A064</td>
<td>4 Ball M995/1 Trace M856 w/M27 Link</td>
<td>M249 SAW</td>
</tr>
</tbody>
</table>

DISTRIBUTION STATEMENT A: Approved for Public Release; distribution is unlimited
M193
BALL

SYSTEM CHARACTERISTICS

HEIGHT  2.248”
WEIGHT  182 gr
VELOCITY  3165 fps @ 78’
DISPERSION  2” @ 300 m (M16A4)

ADDITIONAL FACTS

▪ M193 Ball designed during original M16 development program and is suitable for use in M16A1
▪ Can be safely used in M16A2 and newer weapons, but will not perform at its optimal level due to their barrel twist rate
▪ Effective against unprotected personnel

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>A071</td>
<td>Ball M193, Clipped</td>
<td>M16, M16A1</td>
</tr>
<tr>
<td>A066</td>
<td>Ball M193 (Carton Pack)</td>
<td>M16, M16A1</td>
</tr>
</tbody>
</table>
M200 BLANK

SYSTEM CHARACTERISTICS

HEIGHT 1.9”
WEIGHT 107 gr
VELOCITY N/A

ADDITIONAL FACTS

- For use in all US 5.56mm weapons
- Training unique round, not used in combat
- Used to simulate live firing in training exercises
- Cycles operating parts of gas-operated weapons when used with appropriate Blank Firing Adapter (BFA)
- Used for ceremonial purposes without a BFA by manually cycling weapon

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>A075</td>
<td>Blank M200 w/M27 Link</td>
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<tr>
<td>A080</td>
<td>Blank M200 (Carton Pack)</td>
<td>M24, M4A1, M16A2/A4</td>
</tr>
</tbody>
</table>
M995 AP
ARMOR PIERCING

SYSTEM CHARACTERISTICS

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Value</th>
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<tbody>
<tr>
<td>HEIGHT</td>
<td>2.248”</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>185 gr</td>
</tr>
<tr>
<td>VELOCITY</td>
<td>3324 fps @ 78’</td>
</tr>
<tr>
<td>DISPERSION</td>
<td>&lt;7.0” @ 600 yd</td>
</tr>
</tbody>
</table>

ADDITIONAL FACTS

- Penetrates 12 mm of steel at 100 m
- Designed to defeat light armored vehicles and other barrier materials on battlefield

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA01</td>
<td>AP M995 w/M27 Link</td>
<td>M249 SAW</td>
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<td>AA02</td>
<td>4 AP M995/1 Trace M856 w/M27 Link</td>
<td>M249 SAW</td>
</tr>
<tr>
<td>AA69</td>
<td>AP M995, Clipped</td>
<td>M4, M4A1, M16A2/A4</td>
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</table>
M855A1 EPR
ENHANCED PERFORMANCE ROUND

SYSTEM CHARACTERISTICS

<table>
<thead>
<tr>
<th>CHARACTERISTIC</th>
<th>VALUE</th>
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</thead>
<tbody>
<tr>
<td>HEIGHT</td>
<td>2.248”</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>190 gr</td>
</tr>
<tr>
<td>VELOCITY</td>
<td>3070 fps @ 78’</td>
</tr>
<tr>
<td>DISPERSION</td>
<td>&lt;6.3” @ 600 yd</td>
</tr>
</tbody>
</table>

ADDITIONAL FACTS

- Optimized for M4, M4A1 Carbine, unsuitable for M16A1
- Dramatically improved hard target performance
- Provides consistent effects against soft targets
- No weight increase, flash reduced, higher velocity
- Extremely effective against ALL target sets (general purpose round)

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB56</td>
<td>Ball 855A1 w/M27 Link</td>
<td>M249 SAW</td>
</tr>
<tr>
<td>AB57</td>
<td>Ball 855A1, Clipped</td>
<td>M4, M4A1, M16A2/A4</td>
</tr>
<tr>
<td>AB58</td>
<td>Ball 855A1, Clipped (Commercial Pack)</td>
<td>M4, M4A1, M16A2/A4</td>
</tr>
<tr>
<td>AB77</td>
<td>Ball 855A1, Clipped (w/o Bandoleer)</td>
<td>M4, M4A1, M16A2/A4</td>
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</table>
M856A1
TRACE

SYSTEM CHARACTERISTICS

<table>
<thead>
<tr>
<th>CHARACTERISTIC</th>
<th>VALUE</th>
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</thead>
<tbody>
<tr>
<td>HEIGHT</td>
<td>2.248”</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>176 gr</td>
</tr>
<tr>
<td>VELOCITY</td>
<td>3100 fps @ 78’</td>
</tr>
<tr>
<td>DISPERSION</td>
<td>&lt;6.3” @ 600 yd</td>
</tr>
</tbody>
</table>

ADDITIONAL FACTS

- Designed to accompany ballistics of M855A1 EPR cartridge and “trace” intended path relative to target in order to make corrections to aim
- Like other Trace designs, a pyrotechnic mix is located in rear of bullet, which allows bullet to be tracked visually when fired
- M856A1 cartridge, like M856, is identified by an orange water-based acrylic coated tip; same visual appearance to user in field as the current M856

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
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<tbody>
<tr>
<td>AB73</td>
<td>4 Ball M855A1/1 Trace M856A1 w/M27 Link</td>
<td>M249 SAW</td>
</tr>
<tr>
<td>AB74</td>
<td>Trace M856A1 (Carton Pack)</td>
<td>M4, M4A1, M16A2/A4</td>
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</tbody>
</table>
# M862 SRTA
## Short Range Training Ammunition

### System Characteristics

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Height</td>
<td>2.03”</td>
</tr>
<tr>
<td>Weight</td>
<td>108 gr</td>
</tr>
<tr>
<td>Velocity</td>
<td>4356 fps @ 15’</td>
</tr>
<tr>
<td>Dispersion</td>
<td>Mean radius 1.18” @ 25 m</td>
</tr>
</tbody>
</table>

### Additional Facts
- 5.56mm Cartridge with plastic projectile
- Used with M2 Training Bolt
- Simulates standard 5.56mm ammo out to 25 m
- Designed for use in range restricted urban training areas (Alternative to M193/M855 service rounds)
- Maximum Range: 250 m
- Reduction in overall cost of training
- Reduced damage to MOUT facilities

### DODIC NAME WEAPON
- **AA68**
  - SRTA M862 (Carton Pack)
  - M4, M4A1, M16A2/A4 w/Training Bolt

DISTRIBUTION STATEMENT A: Approved for Public Release; distribution is unlimited
M1037 SRTA
SHORT RANGE TRAINING AMMUNITION

SYSTEM CHARACTERISTICS

HEIGHT 2.2”
WEIGHT 165 gr
VELOCITY 2605 fps @ 78’
DISPERSION <3.54” @ 110 yd

ADDITIONAL FACTS

▪ Decreases Surface Danger Zones
▪ Effective for training out to 100 m
▪ Maximum range of less than 600 m
▪ Mean radius of 4.9 cm @ 100 m
▪ Bullet Materials: Copper, Nylon, Carbon Fiber
▪ Non-toxic & lead free
▪ Cartridge Case: Standard NATO 5.56mm x 45mm
▪ NOT used with M2 Training Bolt
▪ NOT FOR USE in plywood shoothouses

<table>
<thead>
<tr>
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<th>NAME</th>
<th>WEAPON</th>
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<tbody>
<tr>
<td>AB66</td>
<td>SRTA M1037 w/M27 Link</td>
<td>M249 SAW</td>
</tr>
<tr>
<td>AB67</td>
<td>SRTA M1037, Clipped (Lead Free)</td>
<td>M4, M4A1, M16A2/A4</td>
</tr>
<tr>
<td>AC10</td>
<td>SRTA M1037 w/M27 Link (Lead Free)</td>
<td>M249 SAW</td>
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DISTRIBUTION STATEMENT A: Approved for Public Release; distribution is unlimited
SMALL CALIBER AMMUNITION

7.62mm
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<td>A111</td>
<td>M82 Blank</td>
<td>20</td>
</tr>
<tr>
<td>AB72</td>
<td>M82A1 Ceremonial Blank</td>
<td>21</td>
</tr>
<tr>
<td>A143</td>
<td>M80 Ball</td>
<td>22</td>
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<tr>
<td>A130</td>
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</tr>
<tr>
<td>A164</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A131</td>
<td>M80 Ball/M62 Trace</td>
<td>23</td>
</tr>
<tr>
<td>A165</td>
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<tr>
<td>A168</td>
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</tr>
<tr>
<td>A151</td>
<td>M80/M62 Overhead Fire</td>
<td>24</td>
</tr>
<tr>
<td>A166</td>
<td>M80 Ball/M276 Dim Trace</td>
<td>25</td>
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<tr>
<td>A255</td>
<td>M80 Ball/M276 Dim Trace</td>
<td>25</td>
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<tr>
<td>A257</td>
<td>M993 Armor Piercing</td>
<td>26</td>
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<td>AA03</td>
<td>M118 Ball Long Range</td>
<td>27</td>
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<tr>
<td>AB79</td>
<td>M80A1/M62A1 Trace</td>
<td>28–29</td>
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<td>AB82</td>
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<td>AB86</td>
<td>M973/M974 SRTA Trace</td>
<td>30</td>
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<tr>
<td>AB60</td>
<td></td>
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</tbody>
</table>
M82 BLANK

SYSTEM CHARACTERISTICS

HEIGHT  2.595”
WEIGHT  234.5 gr
VELOCITY N/A

ADDITIONAL FACTS

- Training unique round, not used in combat

<table>
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<tr>
<th>DODIC</th>
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<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>A111</td>
<td>Blank M82 w/M13 Link</td>
<td>M240 Series Machine Guns</td>
</tr>
</tbody>
</table>
### M82A1
**CEREMONIAL BLANK**

#### SYSTEM CHARACTERISTICS

| **HEIGHT** | 2.623” |
| **WEIGHT** | 234.5 gr |
| **VELOCITY** | N/A |

#### ADDITIONAL FACTS

- Used for saluting for ceremonial applications (M14 rifle)

<table>
<thead>
<tr>
<th><strong>DODIC</strong></th>
<th><strong>NAME</strong></th>
<th><strong>WEAPON</strong></th>
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</thead>
<tbody>
<tr>
<td>AB72</td>
<td>Blank M82A1, Bottlenose</td>
<td>M14</td>
</tr>
</tbody>
</table>
M80
BALL

SYSTEM CHARACTERISTICS

HEIGHT 2.80”
WEIGHT 392 gr
VELOCITY 2750 fps @ 78’
DISPERSION Mean radius <7.5” @ 600 yd

ADDITIONAL FACTS

▪ Linked straight ball M80 configuration—100 rounds per belt
▪ Bullet consists of copper alloy clad steel or copper alloy jacket with lead antimony slug

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
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<tbody>
<tr>
<td>A143</td>
<td>Ball M80 w/M13 Link</td>
<td>M240 Series Machine Guns</td>
</tr>
<tr>
<td>A130</td>
<td>Ball M80, Clipped (5/Clip)</td>
<td>M14 Rifles</td>
</tr>
<tr>
<td>A164</td>
<td>Ball M80 w/M13 Link</td>
<td>M134 Minigun, M240 Series Machine Guns</td>
</tr>
</tbody>
</table>
**SYSTEM CHARACTERISTICS**

- **HEIGHT**: 2.80”
- **WEIGHT**: 392 gr (M80)  
383 gr (M62)
- **VELOCITY**: 2750 fps @ 78’ (M80)  
2670 ps @ 78’ (M62)
- **DISPERSION**: Mean radius <7.5” @ 600 yd (M80)  
Mean radius <15” @ 600 yd (M62)

**ADDITIONAL FACTS**

- 4 M80 Ball/1 M62 Trace cartridges are linked configuration — 100 rounds per belt
- Bullet consists of copper alloy clad steel or copper alloy jacket with lead antimony slug

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>A131</td>
<td>4 Ball M80/1 Trace M62 w/ M13 Link</td>
<td>M240 Series Machine Guns</td>
</tr>
<tr>
<td>A165</td>
<td>4 Ball M80/1 Trace M62 w/ M13 Link</td>
<td>M134 Minigun, M240 Series Machine Guns</td>
</tr>
<tr>
<td>A168</td>
<td>9 Ball M80/1 Trace M62 w/ M13 Link</td>
<td>M134 Mini Gun, M240 Series Machine Guns</td>
</tr>
</tbody>
</table>
M80 | M62
OVERHEAD FIRE

SYSTEM CHARACTERISTICS

HEIGHT 2.80”
WEIGHT 392 gr (M80)
483 gr (M62)
VELOCITY 2750 fps @ 78’ (M80)
2670 fps @ 78’ (M62)
DISPERSION Mean radius <7.5” @ 600 yd (M80)
Mean radius <15” @ 600 yd (M62)

ADDITIONAL FACTS

▪ Training unique ammunition
▪ Accepted at higher performance standards for overhead usage
▪ 4 M80 Ball/1 M62 Trace cartridges are linked configuration—100 rounds per belt
▪ Bullet consists of copper alloy clad steel or copper alloy jacket with lead antimony slug

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>A151</td>
<td>4 Ball M80/1 Trace M62 w/M13 Link f/OHF</td>
<td>M240 Series Machine Guns</td>
</tr>
<tr>
<td>A166</td>
<td>Ball M80 w/M13 Link f/OHF</td>
<td>M240 Series Machine Guns</td>
</tr>
</tbody>
</table>
M80 | M276
BALL | DIM TRACE

SYSTEM CHARACTERISTICS

HEIGHT | 2.80”
WEIGHT | 392 gr (M80)
         | 381 gr (M276)
VELOCITY | 2750 fps @ 78’ (M80)
         | 2670 fps @ 78’ (M276)
DISPERSION | Mean radius <7.5” @ 600 yd (M80)
            | Mean radius <15” @ 600 yd (M276)

ADDITIONAL FACTS

- Used for combat and training
- Dim Trace rounds are only visible with night vision goggles, rounds are configured 4 M80 FS/1 M276 Dim Trace — linked 100 rounds per belt
- Bullet consists of copper alloy clad steel or copper alloy jacket with lead antimony slug

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>A255</td>
<td>4 Ball M80/1 Dim Trace M276 w/M13 Link</td>
<td>M240 Series Machine Guns, M134 Minigun</td>
</tr>
<tr>
<td>A257</td>
<td>9 Ball M80/1 Dim Trace M276 w/M13 Link</td>
<td>M240 Series Machine Guns, M134 Minigun</td>
</tr>
</tbody>
</table>
M993 AP
ARMOR PIERCING

SYSTEM CHARACTERISTICS

HEIGHT  2.80”
WEIGHT  263 gr
VELOCITY 2985 fps @ 78’
DISPERSION Mean radius <6.0” @ 600 yd

ADDITIONAL FACTS

▪ Designed for use in M24 Rifle, M240 Series Machine Guns
▪ Consists of a tungsten carbide penetrator contained in an aluminum cup and jacketed by copper clad steel
▪ Provides enhanced armor penetration
▪ Capable of penetrating .25” armor plate at distance not greater than 100 m
▪ Capable of penetrating .25” plate at distance of 550 m

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA03</td>
<td>AP M993, Single Round Combat Only (Carton Pack)</td>
<td>M14, M24, M110 Rifles</td>
</tr>
<tr>
<td>AA04</td>
<td>4 AP M993/1 Trace M62 w/M13 Link</td>
<td>M240 Series Machine Guns, M134 Minigun</td>
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</tbody>
</table>
M118
BALL LONG RANGE

SYSTEM CHARACTERISTICS

HEIGHT 2.83”
WEIGHT 390 gr
VELOCITY 2575 fps @ 78’
DISPERSION Extreme spread 10.3 horiz., 14 vert., @ 1000 yd

ADDITIONAL FACTS

▪ Intended and specifically prepared for use in weapons designated as competition or sniper rifles
▪ Extended long range accuracy at 1000 yd
▪ Does not have bullet cannelure, case mouth not crimped

DODIC NAME WEAPON

AA11 Ball M118, Long Range (Carton Pack)

WEAPON

M14, M24, M110; M40 USMC Series Rifles
7.62 mm

SYSTEM CHARACTERISTICS

HEIGHT 2.80”
WEIGHT 374 gr
VELOCITY 2,925 fps @ 78’ (M80A1)
2,895 fps @ 78’ (M62A1)

ADDITIONAL FACTS

▪ Lead-free
▪ Primary 7.62 combat cartridge
▪ 4 M80A1 Ball / 1 M62A1 Trace cartridges are linked configuration
▪ 100 rounds per belt
▪ Bullet consists of gilded metal jacket with a copper core and exposed steel penetrator
▪ M62A1 companion Trace

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB79</td>
<td>Ball M80A1 w/M13 Link</td>
<td>M240 Machine Gun</td>
</tr>
<tr>
<td>AB82</td>
<td>Ball M80A1 (20 Round Carton Pack)</td>
<td>M110A1 Rifle</td>
</tr>
<tr>
<td>AB86</td>
<td>4 Ball M80A1/1 Trace M62A1 w/M13 Link</td>
<td>M240 Machine Gun</td>
</tr>
</tbody>
</table>
**SYSTEM CHARACTERISTICS**

**DISPERSION**
- Mean radius <6.5” @ 600 yd (M80A1)
- Mean radius <15” @ 600 yd (M62A1)

**ADDITIONAL FACTS**
- Provides Warfighter with improvement in Hard/Soft Target Performance while eliminating 350 metric tons of lead annually from training ranges
- 7.62mm Ball Cartridge used in M240 Machine Gun Family, M134, M110, M14/EBR EPR style projectile similar to 5.56mm M855A1 exposed steel penetrator copper core with jacket

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
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<tbody>
<tr>
<td>AB88</td>
<td>4 Ball M80A1/1 Trace M62A1 w/M13 Link (750 Round Belt)</td>
<td>M134 Minigun</td>
</tr>
<tr>
<td>AB89</td>
<td>9 Ball M80A1/1 Trace M62A1 w/M13 Link (750 Round Belt)</td>
<td>M134 Minigun</td>
</tr>
</tbody>
</table>
M973 | M974 SRTA
SHORT RANGE TRAINING AMMUNITION | TRACE

SYSTEM CHARACTERISTICS

HEIGHT 2.625”
WEIGHT 300 gr
VELOCITY 2729 fps @ 78’
DISPERSION Mean radius <78 mm @ 100 m

ADDITIONAL FACTS

▪ Projectile Design: Composite material with front fins
▪ Short Range training 4 SRTA/1 SRTA-T linked
▪ Ballistic match out to 100 m (Simulates M80 Ball)
▪ Maximum range of 600 m
▪ No weapon modification required for function
▪ Frangible projectile to minimize damage to MOUT training sites and reduce ricochet hazard

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
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<tbody>
<tr>
<td>AA37</td>
<td>4 Ball M973/1 Trace M974 w/M13 Link</td>
<td>M240 Series Machine Gun</td>
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<tr>
<td>AA39</td>
<td>4 Ball M973/1 Trace M974 w/M13 Link</td>
<td>M240 Series Machine Gun</td>
</tr>
<tr>
<td>AB60</td>
<td>M793 w/M13 Linked</td>
<td>M240 Series Machine Gun</td>
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SMALL CALIBER AMMUNITION

.50 CALIBER
<table>
<thead>
<tr>
<th>DODIC</th>
<th>AMMO ROUND</th>
<th>PAGE</th>
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<tbody>
<tr>
<td>A555</td>
<td>M33 Ball</td>
<td>34</td>
</tr>
<tr>
<td>A557</td>
<td>M33 Ball/M17 Trace</td>
<td>35</td>
</tr>
<tr>
<td>A576</td>
<td>M8 API/M20 API-T</td>
<td>36</td>
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<tr>
<td>A598</td>
<td>M1A1 Blank</td>
<td>37</td>
</tr>
<tr>
<td>A606</td>
<td>MK211 MP Mod 0</td>
<td>38</td>
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<tr>
<td>A607</td>
<td>MK211 Mod 1/M20 API-T</td>
<td>39</td>
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<tr>
<td>AB30</td>
<td>M8 API/MK257 API Dim Trace</td>
<td>40</td>
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<tr>
<td>A518</td>
<td>M903/M962 SLAP</td>
<td>41</td>
</tr>
<tr>
<td>AA38</td>
<td>M858/M860 SRTA Trace</td>
<td>42</td>
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<tr>
<td>A519</td>
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</tr>
<tr>
<td>A602</td>
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</table>
M33
BALL

SYSTEM CHARACTERISTICS

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>HEIGHT</td>
<td>5.45”</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>1782 gr</td>
</tr>
<tr>
<td>VELOCITY</td>
<td>2905 fps @ 78’</td>
</tr>
<tr>
<td>DISPERSION</td>
<td>Mean radius &lt;12.0” @ 600 yd</td>
</tr>
</tbody>
</table>

ADDITIONAL FACTS

- Soft steel core bullet mainly used for training
- Linked into 100 round belts
- Packaged 1 belt to 1 M2A2 can, 2 cans per box
- Adopted and made by 30 countries, including U.S., Britain, Canada, France, Belgium, Israel, Netherlands, Japan, Singapore and Taiwan

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>A555</td>
<td>Ball M33 w/M9 Link</td>
<td>M2, M2A1, M3 Machine Gun</td>
</tr>
</tbody>
</table>
SYSTEM CHARACTERISTICS

HEIGHT 5.45”
WEIGHT 1782 gr (M33)
          1718 gr (M17)
VELOCITY 2905 fps @ 78’
DISPERSION Mean radius <12.0”
          @ 600 yd (M33/M17)

ADDITIONAL FACTS

▪ Intended for use on full-sized ranges and produced to meet US military specification
▪ M33 has plain bullet tip
▪ M17 has brown bullet tip
▪ Produces red Trace, used against unarmored targets

DODIC | NAME | WEAPON
--- | --- | ---
A557 | 4 Ball M33/1 Trace M17 w/M9 Link | M2/M3 Machine Gun
M8 API | M20 API-T
ARMOR PIERCING INCENDIARY | TRACE

SYSTEM CHARACTERISTICS

HEIGHT 5.45”
WEIGHT 1784.5 gr (M8)
  1738 gr (M20)
VELOCITY 2905 fps @ 78’
DISPERSION Average maximum mean radius <12.0” @ 600 yd (M8/M20)

ADDITIONAL FACTS

▪ Designed to perforate or penetrate hardened or bullet resistant targets with after armor effects
▪ Used against armored personnel vehicles
▪ M8 Identified by gray bullet tip
▪ M20 identified by red over gray bullet tip
▪ Steel alloy core, point filler of incendiary composition, and lead-antimony (M8) copper alloy base seal

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>A576</td>
<td>4 API M8/1 API-T M20 w/M9 Link</td>
<td>M2, M2A1, M3 Machine Gun, M107 Rifle</td>
</tr>
</tbody>
</table>
**M1A1 Blank**

**SYSTEM CHARACTERISTICS**
- **HEIGHT**: 3.91”
- **WEIGHT**: 915 gr
- **VELOCITY**: N/A

**ADDITIONAL FACTS**
- .50 Caliber training round for simulated fire
- Identified by absence of bullet and 6 fluted rosette crimp at mouth
- Operates with M2, M2A1, and M3 Machine Gun using the M19 Blank Firing Attachment (BFA)

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
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</thead>
<tbody>
<tr>
<td>A598</td>
<td>Blank M1A1 w/M9 Link</td>
<td>M2, M2A1, M3 Machine Guns</td>
</tr>
</tbody>
</table>
MK211
MULTI PURPOSE MOD 0

SYSTEM CHARACTERISTICS

HEIGHT  5.45”
WEIGHT  1765 gr
VELOCITY 2905 fps @ 78’
DISPERSION Mean radius
             Mod 0 <6” @ 600 yd

ADDITIONAL FACTS

▪ Designed to perforate or penetrate hardened or bullet resistant targets
▪ Used against armored personnel vehicles
▪ High-explosive, armor piercing incendiary projectile
▪ Identified with green bullet tip with aluminum color annulus

DODIC | NAME | WEAPON
A606   | MK211 Mod 0 Multi-Purpose Sniper Round (Bulk Pack) | M107, M82, Sniper Rifles
MK211 | M20 API-T
MOD I | ARMOR PIERCING
INCENDIARY-TRACE

SYSTEM CHARACTERISTICS

HEIGHT 5.45”
WEIGHT 1765 gr
VELOCITY 2905 fps @ 78’
DISPERSION Mean radius
<12.0” @ 600 yd (MK211 Mod 1)
<12.0” @ 600 yd (M20 API-T)

ADDITIONAL FACTS

▪ Designed to perforate or penetrate hardened or bullet resistant targets with after armor effects
▪ Used against armored personnel vehicles
▪ Effective at starting fuel fires including heavy distillates
▪ High Explosive with incendiary
▪ Identified with green bullet tip with aluminum color annulus
▪ M20 identified by red over gray bullet tip

DODIC | NAME | WEAPON
A607 | 4 MK211/1 API-T M20 w/M9 Link | M2, M2A1, M3 Machine Guns
M8 API | MK257
ARMOR PIERCING INCENDIARY | DIM TRACE

SYSTEM CHARACTERISTICS

| HEIGHT   | 5.45”                  |
| WEIGHT   | 1784.5 gr (M8) 1718 gr (MK257) |
| VELOCITY | 2905 fps @ 78’         |
| DISPERSION | Mean radius <12” @ 600 yd (M8/MK257) |

ADDITIONAL FACTS

- Designed to perforate or penetrate hardened or bullet resistant targets with armor effects
- Used against armored personnel vehicles
- M8 identified by gray bullet tip
- MK257 identified by lavender over gray bullet tip
- Steel alloy core, point filler of incendiary composition, and lead antimony (M8) copper alloy (MK257) base seal
- Trace is visible only in IR spectrum using night vision devices

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<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
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<tbody>
<tr>
<td>AB30</td>
<td>4 API M8/1 API-DIM Trace MK257 w/M9 Link</td>
<td>M2, M2A1, M3 Machine Guns</td>
</tr>
</tbody>
</table>
SYSTEM CHARACTERISTICS

HEIGHT 5.45”
WEIGHT 1466 gr
VELOCITY 4000 fps @ 78’
DISPERSION Mean radius <18” @ 600 yd

ADDITIONAL FACTS

▪ Conical tungsten projectile with sabot
▪ M903 SLAP: Amber Sabot
▪ M962 SLAP-T: Red Sabot
▪ Incorporates improved penetrator, sabot and propulsion systems
▪ Linked into 100 round belts

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
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</thead>
<tbody>
<tr>
<td>A518</td>
<td>4 SLAP M903/1 SLAP Trace M962</td>
<td>M2, M2A1, M3 Machine Guns</td>
</tr>
<tr>
<td>AA38</td>
<td>Cal .50 M962 Tank Trainer</td>
<td>M2, M2A1, M3 Machine Guns</td>
</tr>
<tr>
<td>A519</td>
<td>SLAP M903 w/M9 Link</td>
<td>M2, M2A1, M3 Machine Guns</td>
</tr>
</tbody>
</table>
SMALL CALIBER AMMUNITION

M858 | M860 SRTA
SHORT RANGE TRAINING AMMUNITION | TRACE

SYSTEM CHARACTERISTICS

HEIGHT 5.21”
WEIGHT 460 gr
VELOCITY 2790 fps @ 78’
DISPERSION Mean radius <30.5 cm @ 150 m

ADDITIONAL FACTS

▪ Accuracy match to M33/M17 at 150 m
▪ Useful tool in instruction of M2, M2A1, M3 Machine Gun in range-restricted areas as well as MOUT application
▪ Maximum range of 500 m allowing higher capacity of training on smaller ranges
▪ Ideal for training with M2 on vehicular mount and tripod

DODIC NAME WEAPON
A602 4 SRTA M858/1 SRTA-T M860 M2, M2A1, M3 Machine Gun with Recoil Amplifier
SMALL CALIBER AMMUNITION

MISC.
<table>
<thead>
<tr>
<th>DODIC</th>
<th>AMMO ROUND</th>
<th>PAGE</th>
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<tbody>
<tr>
<td>A363</td>
<td>M882 Ball</td>
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</tr>
<tr>
<td>AA49</td>
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</tr>
<tr>
<td>A260</td>
<td>MK243 JHP</td>
<td>47</td>
</tr>
<tr>
<td>AC21</td>
<td>XM1153 MHS</td>
<td>48</td>
</tr>
<tr>
<td>AC23</td>
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<tr>
<td>A011</td>
<td>Ctg 12 Gauge Buckshot</td>
<td>49</td>
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<tr>
<td>AA54</td>
<td>M1030</td>
<td>50</td>
</tr>
<tr>
<td>AB45</td>
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<tr>
<td>AB46</td>
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<tr>
<td>AB47</td>
<td>DDI</td>
<td>51</td>
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<td>AB48</td>
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</tr>
<tr>
<td>AB36</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AB12/13/14</td>
<td>M1041 CCMCK</td>
<td>52</td>
</tr>
<tr>
<td>AB09/10/11</td>
<td>M1042 CCMCK</td>
<td></td>
</tr>
<tr>
<td>AB15/16/17</td>
<td>M1071 CCMCK</td>
<td></td>
</tr>
<tr>
<td>A191</td>
<td>MK248 Mod 0 Ball</td>
<td>53</td>
</tr>
</tbody>
</table>
M882
9mm BALL PISTOL AMMUNITION

SYSTEM CHARACTERISTICS

HEIGHT 1.165"
WEIGHT 190 gr
VELOCITY 1230 fps @ 15'
DISPERSION Mean radius <1.5' @ 50 m

ADDITIONAL FACTS

▪ Used for training/force protection
▪ Compatible with all NATO 9mm weapons

DODIC | NAME | WEAPON
--- | --- | ---
A363 | 9mm Ball M882 (Military Pack) | M9 Pistol, M11, MP5
AA49 | 9mm Ball M882 (Commercial Pack) | M9 Pistol, M11, MP5
# MK243 JHP
9mm Mod 0 Jacketed Hollow Point

## System Characteristics

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<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Height</td>
<td>1.15”</td>
</tr>
<tr>
<td>Weight</td>
<td>147 gr</td>
</tr>
<tr>
<td>Velocity</td>
<td>975 fps</td>
</tr>
</tbody>
</table>

## Additional Facts

- Used in situations where high lethality and limited over-penetration of targets are necessary to meet mission profiles
- Critical to provide user with means to rapidly incapacitate in situations warranting use of deadly force
- Restricted to law enforcement use
- Increased lethality
- Reduced over-penetration of personnel targets

<table>
<thead>
<tr>
<th>DODIC</th>
<th>Name</th>
<th>Weapon</th>
</tr>
</thead>
<tbody>
<tr>
<td>A260</td>
<td>MK243 Mod 0 Jacketed Hollow Point (JHP)</td>
<td>M9, M11, MP5</td>
</tr>
</tbody>
</table>
XM1153
9mm BALL PISTOL AMMUNITION

SYSTEM CHARACTERISTICS

HEIGHT  1.130”
WEIGHT  210 gr
VELOCITY 1000 fps @ 15’
DISPERSION Mean radius <1.5” @ 50 m

ADDITIONAL FACTS

▪ Used for training/force protection

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC21</td>
<td>9mm Special Purpose XM1153 (Military Pack)</td>
<td>XM17, XM18 Pistols</td>
</tr>
<tr>
<td>AC23</td>
<td>9mm Special Purpose XM1153 (Commercial Pack)</td>
<td>XM17, XM18 Pistols</td>
</tr>
</tbody>
</table>
CTG 12 GAUGE
#00 BUCKSHOT, COMMERCIAL

SYSTEM CHARACTERISTICS

HEIGHT  2.53”
WEIGHT  12.8 gr
VELOCITY 1325 fps @ 3’

ADDITIONAL FACTS

▪ Cartridge case plastic, loaded with smokeless powder and No. 00 commercial shot
▪ Red case replaced with olive drab color case for improved camouflage capability
▪ Propellant: smokeless powder
▪ Chamber Pressure: 11,000 psi

DODIC | NAME | WEAPON
--- | --- | ---
A011 | Ctg. 12 Gauge, #00 Buckshot (Military Pack) | Mossberg 590 Shotgun, Remington 870 Shotgun
M1030
12 GAUGE BREACHING ROUND

SYSTEM CHARACTERISTICS

HEIGHT 2.45”
WEIGHT 617 gr
VELOCITY 1148 fps @ 3’

ADDITIONAL FACTS

▪ Used to counter threats in locked/ sealed buildings
▪ Has capability to open a door by destruction of lock or hinge with a single round
▪ Low hazard, non shrapnel producing round
▪ Frangible lead free slug (42 grains) compressed zinc pallets supported by plastic wad
▪ Fits current standard military 12 gauge

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
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<tbody>
<tr>
<td>AA54</td>
<td>M1030 Breaching Round</td>
<td>Mossberg 590 Shotgun, Remington 870 Shotgun</td>
</tr>
</tbody>
</table>
DDI
DUMMY, DRILLED & INERT

SYSTEM CHARACTERISTICS

ADDITIONAL FACTS

- Used for weapons training and maintenance
- Brass cartridge case, copper bullet, nickel colored plating
- Cases are fluted except for 9mm DDI which has holes in case
- Primer cavity in base, but no primer is inserted
- DDI SAA is completely inert; no energetics or stored energy in DDI items

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
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<tbody>
<tr>
<td>AB45</td>
<td>9mm Dummy</td>
<td>Pistol</td>
</tr>
<tr>
<td>AB46</td>
<td>5.56 Dummy</td>
<td>M4, M4A1, M16A2/A4, M249 SAW</td>
</tr>
<tr>
<td>AB47</td>
<td>7.62 Dummy</td>
<td>M240 Series Machine Guns</td>
</tr>
<tr>
<td>AB48</td>
<td>.50 Cal Dummy</td>
<td>M2A1</td>
</tr>
<tr>
<td>AB36</td>
<td>.50 Cal Dummy</td>
<td>M2</td>
</tr>
</tbody>
</table>
**SYSTEM CHARACTERISTICS**

**WEIGHT**
- M1041: 71.8 gr Ctg.; 7.7 gr Projectile
- M1042: 94.86 gr Ctg.; 6.9 gr Projectile
- M1071: 147.8 gr Ctg.; 6.9 gr Projectile

**VELOCITY**
- M1041: 575 fps M9; 491 fps M11
- M1042: 483 fps M16; 428 fps M4, M4A1
- M1071: 441 fps M249

**DROP**
- M1041: 1’ drop 8 m from muzzle
- M1042/M1071: 1’ drop 23 m

**ADDITIONAL FACTS**
- CCMCK installed weapons mod system that allows soldier to employ weapons at short range-training, using low velocity marking ammunition
- Provides environmental/weapon employment cues and target feedback through force on force, interactive live fire scenario task and mission
- Distinct identifiable markings
- Weapon kits prevent use of service ammo

<table>
<thead>
<tr>
<th>DODIC</th>
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<th>WEAPON</th>
</tr>
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<tbody>
<tr>
<td>AB12/13/14</td>
<td>M1041 9mm Yellow/Blue/Red</td>
<td>Pistol</td>
</tr>
<tr>
<td>AB09/10/11</td>
<td>M1042 5.56mm Clipped Blue/Red/Yellow</td>
<td>M4, M4A1, M16A2/A3/A4, M249 SAW</td>
</tr>
<tr>
<td>AB15/16/17</td>
<td>M1071 5.56mm Linked Yellow/Blue/Red</td>
<td>M4, M4A1, M16A2/A3/A4, M249 SAW</td>
</tr>
</tbody>
</table>
MK248
MOD 0 BALL

SYSTEM CHARACTERISTICS

HEIGHT 3.5”
WEIGHT 445 gr
VELOCITY 3000 fps @ 15’
DISPERSION Extreme spread <4.71” @ 300 yd

ADDITIONAL FACTS

▪ Intended for long range sniper engagements
▪ Effective range is approximately 1100 m
▪ 190 gr Sierra Match King bullet

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
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<tbody>
<tr>
<td>A191</td>
<td>Ball .300 Win Mag Mod 0 (Carton Pack)</td>
<td>M2010 Enhanced Sniper Rifle</td>
</tr>
</tbody>
</table>
MEDIUM CALIBER AMMUNITION

20 & 25mm .................................. 56
30x113mm .................................. 66
30x173mm .................................. 72
40mm High Velocity ............................ 80
40mm Low Velocity ............................ 86
MEDIUM CALIBER AMMUNITION

20 & 25 MM
<table>
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<tr>
<td>AB07</td>
<td>M940 MPT-SD</td>
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<th>AMMO ROUND</th>
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<td>A974</td>
<td>M791 APDS-T</td>
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</tr>
<tr>
<td>A975</td>
<td>M792 HEI-T</td>
<td>60</td>
</tr>
<tr>
<td>A976</td>
<td>M793 TP-T</td>
<td>61</td>
</tr>
<tr>
<td>A967</td>
<td>M794 Dummy</td>
<td>62</td>
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<tr>
<td>A940</td>
<td>M910 TPDS-T</td>
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<tr>
<td>A986</td>
<td>M919 APFSDS-T</td>
<td>64</td>
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</tbody>
</table>
# M940 MPT-SD

**Multi-Purpose Tracer with Self Destruct**

## System Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Details</th>
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<tbody>
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<td>Length</td>
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<tr>
<td>Weight</td>
<td>260 g</td>
</tr>
<tr>
<td>Max. Range</td>
<td>2500 m</td>
</tr>
<tr>
<td>Rate of Fire</td>
<td>4500 spm</td>
</tr>
</tbody>
</table>

## Additional Facts

- Developed to defeat aircraft—hardened design allows for penetration of aircraft or projectile before detonation
- C-RAM employs it against incoming rockets, artillery shells, and mortar rounds
- Fuzeless Pyrotechnic initiated HE cartridge
- Belted with MK7 link; 100 linked cartridges per M548 container

## DODIC Name

<table>
<thead>
<tr>
<th>DODIC</th>
<th>Name</th>
<th>Weapon</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB07</td>
<td>M940 MPT-SD</td>
<td>Land-based Phalanx Weapon System (LPWS)</td>
</tr>
</tbody>
</table>
M791 APDS-T
ARMOR PIERCING DISCARDING SABOT WITH TRACER

SYSTEM CHARACTERISTICS
LENGTH 8.8”
WEIGHT 461 g
MAX. RANGE Depends on target
RATE OF FIRE 200 spm

ADDITIONAL FACTS
▪ Developed to defeat light armored vehicles through BMP-2 series
▪ Tungsten Penetrator
▪ 30 linked cartridges per PA125 container
▪ Replaced by M919 APFSDS-T cartridge which is primary anti-materiel cartridge for US Army and USMC

DODIC NAME WEAPON
A974 M791 APDS-T M242 Bushmaster Chain Gun on US Army Bradley Fighting Vehicle (BFV) and USMC LAV-25
M792 HEI-T
HIGH EXPLOSIVE INCENDIARY WITH TRACER

SYSTEM CHARACTERISTICS

LENGTH  8.8”
WEIGHT  505 g
MAX. RANGE  2000 m
RATE OF FIRE  200 spm

ADDITIONAL FACTS

▪ Tactical cartridge used to engage enemy personnel, weapon emplacements and conduct reconnaissance by fire
▪ Recent use has expanded to engagement of urban targets
▪ Uses M758 Point Initiated Base Detonating (PIBD) fuze which also has self-destruct feature
▪ 30 linked cartridges per PA125 container

DODIC  NAME  WEAPON
A975  M792 HEI-T  M242 Bushmaster Chain Gun on US Army Bradley Fighting Vehicle (BFV) and USMC LAV-25
**M793 TP-T**
TARGET PRACTICE WITH TRACER

<table>
<thead>
<tr>
<th>SYSTEM CHARACTERISTICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LENGTH 8.8”</td>
</tr>
<tr>
<td>WEIGHT 489 g</td>
</tr>
<tr>
<td>MAX. RANGE 2000 m</td>
</tr>
<tr>
<td>RATE OF FIRE 200 spm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ADDITIONAL FACTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ Low-cost target practice cartridge ballistically matched to M792</td>
</tr>
<tr>
<td>▪ US Army &amp; USMC: 30 linked cartridges per PA125 container</td>
</tr>
<tr>
<td>▪ USN: 55 linked cartridges per CNU-405 container</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
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<tbody>
<tr>
<td>A976</td>
<td>M793 TP-T</td>
<td>M242 Bushmaster Chain Gun on US Army Bradley Fighting Vehicle (BFV) and USMC LAV-25, Naval ships with M242 Bushmaster Chain Gun in MK38 Machine Gun System (MGS)</td>
</tr>
</tbody>
</table>
M794 DUMMY

SYSTEM CHARACTERISTICS

LENGTH 8.8”
WEIGHT 505 g
MAX. RANGE N/A
RATE OF FIRE N/A

ADDITIONAL FACTS

- Inert training device and maintenance tool for M242 Bushmaster Chain Gun
- Simulates size, shape, and mass of M792, M793, PGU-23, PGU-25, and PGU-32
- 30 linked cartridges per PA125 container

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
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</thead>
<tbody>
<tr>
<td>A967</td>
<td>M794 Dummy</td>
<td>M242 Bushmaster Chain Gun on US Army Bradley Fighting Vehicle (BFV), USMC LAV-25, MK38</td>
</tr>
</tbody>
</table>
M910 TPDS-T
TARGET-PRACTICE DISCARDING SABOT WITH TRACER

SYSTEM CHARACTERISTICS

<table>
<thead>
<tr>
<th>LENGTH</th>
<th>WEIGHT</th>
<th>MAX. RANGE</th>
<th>RATE OF FIRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.8”</td>
<td>419 g</td>
<td>2000 m</td>
<td>200 spm</td>
</tr>
</tbody>
</table>

ADDITIONAL FACTS

- Low-cost target practice ballistically matched to M791 and M919
- Steel core with windscreen
- 30 linked cartridges per PA125 container

DODIC | NAME | WEAPON

A940 | M910 TPDS-T | M242 Bushmaster Chain Gun on US Army Bradley Fighting Vehicle (BFV) and USMC LAV-25
M919 APFSDS-T
ARMOR PIERCING FIN STABILIZED
DISCARDING SABOT WITH TRACER

SYSTEM CHARACTERISTICS
LENGTH 8.8”
WEIGHT 454 g
MAX. RANGE Depends on target
RATE OF FIRE 200 spm

ADDITIONAL FACTS
▪ Primary anti-materiel cartridge for US Army and USMC
▪ Provides increased lethality against light armor threats compared to M791
▪ Penetrator material: Depleted Uranium
▪ 30 linked cartridges per PA125 container

DODIC | NAME | WEAPON
--- | --- | ---
A986 | M919 | M242 Bushmaster Chain Gun on US Army Bradley Fighting Vehicle (BFV) and USMC LAV-25
<table>
<thead>
<tr>
<th>DODIC</th>
<th>AMMO ROUND</th>
<th>PAGE</th>
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<tbody>
<tr>
<td>B118</td>
<td>M788 TP</td>
<td>68</td>
</tr>
<tr>
<td>B129</td>
<td>M789 HEDP</td>
<td>69</td>
</tr>
<tr>
<td>B133</td>
<td>M848 Dummy</td>
<td>70</td>
</tr>
</tbody>
</table>
M788 TP
TARGET PRACTICE

SYSTEM CHARACTERISTICS
LENGTH 7.9”
WEIGHT 343 g
MAX. RANGE 3000 m
RATE OF FIRE 625 spm

ADDITIONAL FACTS
- Low cost Target Practice cartridge ballistically matched to M789
- Packed in bulk ammo strips, 11 cartridges per strip/110 cartridges per M592 container

DODIC | NAME | WEAPON
--- | --- | ---
B118 | M788 | M230 Chain Gun on AH-64 Apache Attack Helicopters, 160th SOAR MH60K Blackhawk Helicopters
**M789 HEDP**

**HIGH EXPLOSIVE DUAL PURPOSE**

### SYSTEM CHARACTERISTICS

<table>
<thead>
<tr>
<th>CHARACTERISTIC</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LENGTH</td>
<td>7.9”</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>339 g</td>
</tr>
<tr>
<td>MAX. RANGE</td>
<td>3000 m</td>
</tr>
<tr>
<td>RATE OF FIRE</td>
<td>625 spm</td>
</tr>
</tbody>
</table>

### ADDITIONAL FACTS

- High Explosive Dual Purpose warhead with shaped charge provides anti-personnel and anti-materiel capabilities.
- Uses M759 Point Initiating Base Detonating (PIBD) fuze.
- Helicopters employ linkless ammo storage and feed systems.
- Packed in bulk ammo strips, 11 cartridges per strip/110 cartridges per M592 container.

### DODIC NAME WEAPON

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>B129</td>
<td>M789</td>
<td>M230 Chain Gun on AH-64 Apache Attack Helicopters, 160th SOAR MH60K Blackhawk Helicopters</td>
</tr>
</tbody>
</table>
M848 DUMMY

SYSTEM CHARACTERISTICS

LENGTH 7.9”
WEIGHT 340 g
MAX. RANGE N/A
RATE OF FIRE N/A

ADDITIONAL FACTS

▪ Inert training device and maintenance tool for M230 Chain Gun
▪ Simulates size, shape, and mass of M788 and M789
▪ Packed in bulk ammo strips, 11 cartridges per strip/110 cartridges per M592 container

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>B133</td>
<td>M848</td>
<td>M230 Chain Gun on AH-64 Apache Attack Helicopters, 160th SOAR MH60K Blackhawk Helicopters</td>
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MEDIUM CALIBER AMMUNITION

30x173 MM
<table>
<thead>
<tr>
<th>DODIC</th>
<th>AMMO ROUND</th>
<th>PAGE</th>
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<tbody>
<tr>
<td>AC27</td>
<td>MK238 HEI-T</td>
<td>74</td>
</tr>
<tr>
<td>AC25</td>
<td>MK239 TP-T</td>
<td>75</td>
</tr>
<tr>
<td>AC26</td>
<td>MK258 APFSDS-T</td>
<td>76</td>
</tr>
<tr>
<td>AC28</td>
<td>MK317 TPDS-T</td>
<td>77</td>
</tr>
<tr>
<td>AC47</td>
<td>MK310 PABM-T</td>
<td>78</td>
</tr>
</tbody>
</table>
MK238 MOD 1 HEI-T
HIGH EXPLOSIVE INCENDIARY WITH TRACER

SYSTEM CHARACTERISTICS

LENGTH 11.42"
WEIGHT 670 g
MAX. RANGE 1800 m
RATE OF FIRE 200 spm

ADDITIONAL FACTS

▪ High explosive incendiary cartridge with trace fielded in support of the Stryker Lethality Operational Needs Statement (ONS)
▪ Uses M758 Low Drag (LD) Point Initiating Base Detonating (PIBD) fuze which has a self-destruct feature
▪ Mated to the cartridge case assembly which includes an aluminum case, flash tube assembly, primer and propellant
▪ Employment: Light Armor, Field Fortifications, Bunkers, Troops

DODIC | NAME | WEAPON
--- | --- | ---
AC27 | MK238 HEI-T | XM813 Weapon System
MK239 TP-T
TARGET PRACTICE WITH TRACER

SYSTEM CHARACTERISTICS

LENGTH 11.4”
WEIGHT 675 g
MAX. RANGE 2000 m
RATE OF FIRE 200 spm

ADDITIONAL FACTS

▪ Target practice cartridge with trace fielded in support of the Stryker Lethality Operational Needs Statement (ONS)
▪ Provides a low cost ballistic match to the MK238 MOD 1 HEI-T cartridge to provide the soldier with a realistic training environment
▪ The MK239 projectile consists of an inert steel projectile and aluminum windscreen. The projectile is mated to the cartridge case assembly which is composed of an aluminum case, flash tube assembly, primer, and propellant

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC25</td>
<td>MK239 TP-T</td>
<td>XM813 Weapon System, Naval ships with MK44 cannon in MK46 Gun Weapon System (GWS)</td>
</tr>
</tbody>
</table>
MK258 MOD 1 APFSDS-T
ARMOR PIERCING FIN STABILIZED
DISCARDING SABOT WITH TRACER

SYSTEM CHARACTERISTICS

LENGTH 11.0"
WEIGHT 706 g
MAX. RANGE 2000 m
RATE OF FIRE 200 spm

ADDITIONAL FACTS

- Armor Piercing Fin Stabilized Discarding Sabot with Tracer cartridge fielded in support of the Stryker Lethality Operational Needs Statement (ONS)
- Consists of steel case with Tungsten Nickel Cobalt penetrator
- Employment: Medium and Light Armor, Hardened Bunkers, Hardened Field Fortifications, Penetrate Walls

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC26</td>
<td>MK258 APFSDS-T</td>
<td>XM813 Weapon System, Naval ships with MK44 cannon in MK46 GWS</td>
</tr>
</tbody>
</table>
MK317 TPDS-T
TARGET PRACTICE DISCARDING SABOT WITH TRACER

SYSTEM CHARACTERISTICS

LENGTH 11.4”
WEIGHT 445 g
MAX. RANGE 2000 m
RATE OF FIRE 200 spm

ADDITIONAL FACTS

▪ Target practice discarding sabot cartridge with trace fielded in support of the Stryker Lethality Operational Needs Statement (ONS)
▪ Provides a low cost ballistic match to the MK258 APFSDS-T cartridge to provide the soldier with a realistic training environment
▪ The Mk317 TPDS-T projectile consists of an inert steel core inside a molded plastic sabot. The projectile is mated to the cartridge case assembly which is composed of an aluminum case, flash tube assembly, primer, and propellant

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC28</td>
<td>MK317 TPDS-T</td>
<td>XM813 Weapon System</td>
</tr>
</tbody>
</table>
MK310 MOD 0 PABM-T
PROGRAMMABLE AIR BURST MUNITION WITH TRACER

SYSTEM CHARACTERISTICS

LENGTH 11.4”
WEIGHT 713 g
MAX. RANGE 2000 m
RATE OF FIRE 120 spm

ADDITIONAL FACTS

- Programmable Air Burst cartridge with trace will be fielded in support of the Stryker Lethality Operational Needs Statement (ONS)
- The Mk310 Mod 0 cartridge consists of a steel projectile filled with PBXN-5 High Explosive, Incendiary Mix, and an inductive set (programmable) fuze with three modes: point detonating, point detonating delay and air burst, and also has a self-destruct feature
- Employment: Light Armor, Field Fortifications, Incendiary Effects, Bunkers, Troops (in open and/or under cover)

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC47</td>
<td>MK310 PABM-T</td>
<td>XM813 Weapon System</td>
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</table>
MEDIUM CALIBER AMMUNITION

40mm HV
<table>
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<tr>
<th>DODIC</th>
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<tbody>
<tr>
<td>B542</td>
<td>M430A1 HEDP</td>
<td>82</td>
</tr>
<tr>
<td>B584</td>
<td>M918 TP</td>
<td>83</td>
</tr>
<tr>
<td>BA30</td>
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</tr>
<tr>
<td>B576</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BA30</td>
<td>M385A1 TP</td>
<td>84</td>
</tr>
<tr>
<td>BA49</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
M430A1 HEDP
HIGH-EXPLOSIVE, DUAL PURPOSE

SYSTEM CHARACTERISTICS
LENGTH 4.415”
WEIGHT 344 g
MAX. RANGE 2200 m
RATE OF FIRE 350 spm
MUZZLE VEL. 790 fps

ADDITIONAL FACTS
▪ High Explosive, Dual Purpose (HEDP), with Point Initiating, Base Detonating (PIBD) Fuze M549A1
▪ Inflicts personnel casualties in target area
▪ Penetrates 2.5” of steel armor
▪ Provides both armor piercing and anti-personnel
▪ Packed into PA120 cans (32 linked rounds)

DODIC | NAME | WEAPON
--- | --- | ---
B542 | M430A1 | MK19 Mod 3 Grenade MG
**SYSTEM CHARACTERISTICS**

**LENGTH** 4.415”
**WEIGHT** 344 g
**MAX. RANGE** 2200 m
**RATE OF FIRE** 350 spm
**MUZZLE VEL.** 790 fps

**ADDITIONAL FACTS**

- Target practice round designed to simulate M430A1 HEDP in appearance and ballistics
- Provides flash, smoke and bang upon impact of target
- Packed into PA120 cans (32 linked rounds)
- Mixed belt configuration M918:M385A1, 22:10

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
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<tr>
<td>B584</td>
<td>M918 TP</td>
<td>MK19 Mod 3 Grenade MG</td>
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<tr>
<td>BA30</td>
<td>Mixed Belt</td>
<td>MK19 Mod 3 Grenade MG</td>
</tr>
</tbody>
</table>
M385A1 TP
TARGET PRACTICE

SYSTEM CHARACTERISTICS

LENGTH 4.415”
WEIGHT 344 g
MAX. RANGE 2200 m
RATE OF FIRE 350 spm
MUZZLE VEL. 790 fps

ADDITIONAL FACTS

- Target practice or proof-testing round
- Provides minimal impact signature with no duds
- Projectile machined solid aluminum
- Packed into PA120 cans (32 linked rounds)
- Mixed belt configuration, M918: M385A1, 22:10
- Reference rounds are unlinked and used solely for lot acceptance testing

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
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<tbody>
<tr>
<td>B576</td>
<td>M385A1</td>
<td>MK19 Mod 3 Grenade MG</td>
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<td>BA30</td>
<td>Mixed Belt</td>
<td>MK19 Mod 3 Grenade MG</td>
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<tr>
<td>BA49</td>
<td>M385A1 Reference Rounds</td>
<td>40mm HV Mann Barrel, MK19</td>
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<tr>
<td>DODIC</td>
<td>AMMO ROUND</td>
<td>PAGE</td>
</tr>
<tr>
<td>-------</td>
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</tr>
<tr>
<td>B546</td>
<td>M433 HEDP</td>
<td>88</td>
</tr>
<tr>
<td>BA03</td>
<td>M992 IR</td>
<td>89</td>
</tr>
<tr>
<td>B535</td>
<td>M583A1 WS</td>
<td>90</td>
</tr>
<tr>
<td>B504</td>
<td>M661 GS</td>
<td>91</td>
</tr>
<tr>
<td>B505</td>
<td>M662 RS</td>
<td>92</td>
</tr>
<tr>
<td>B536</td>
<td>M585 WS</td>
<td>93</td>
</tr>
<tr>
<td>B519</td>
<td>M781 TP</td>
<td>94</td>
</tr>
</tbody>
</table>
M433 HEDP
HIGH-EXPLOSIVE, DUAL-PURPOSE

SYSTEM CHARACTERISTICS

LENGTH 4.068”
WEIGHT 230 g
MAX. RANGE 400 m
RATE OF FIRE Single Shot
MUZZLE VEL. 247 fps

ADDITIONAL FACTS

▪ High Explosive, Dual Purpose (HEDP) with Point Initiating, Base Detonating (PIBD) fuze M550
▪ Casualty radius 5 m, injury radius 15 m
▪ Penetrates 2” of steel armor
▪ 6-round bandoleer; 12 bandoleers/72 rounds/box

DODIC | NAME | WEAPON
--- | --- | ---
B546 | M433 | M79, M203, M320 Grenade Launchers
**M992 IR**
**INFRARED ILLUMINATION**

### SYSTEM CHARACTERISTICS

<table>
<thead>
<tr>
<th>CHARACTERISTIC</th>
<th>DETAIL</th>
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<tbody>
<tr>
<td>LENGTH</td>
<td>5.272”</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>222 g</td>
</tr>
<tr>
<td>BURST HEIGHT</td>
<td>150–215 m</td>
</tr>
<tr>
<td>RATE OF FIRE</td>
<td>Single Shot</td>
</tr>
<tr>
<td>MUZZLE VEL.</td>
<td>247 fps</td>
</tr>
</tbody>
</table>

### ADDITIONAL FACTS

- 40 seconds burn time
- Enhances nighttime operational capabilities for troops engaged using night vision equipment
- Provides IR illumination with minimal visible light output
- Enhances target detection and recognition at night
- Parachute lowers candle at 7 fps
- Raised letter “I” on Ogive identifies color of cartridge
- 22 rounds per metal can
- 2 cans per wirebound box

### DODIC NAME WEAPON

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA03</td>
<td>M992</td>
<td>M79, M203, M320</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Grenade Launchers</td>
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</table>
**M583A1 WS**
**WHITE STAR PARACHUTE**

### SYSTEM CHARACTERISTICS

<table>
<thead>
<tr>
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<th>Value</th>
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<tbody>
<tr>
<td>LENGTH</td>
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<td>WEIGHT</td>
<td>222 g</td>
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<tr>
<td>BURST HEIGHT</td>
<td>150–215 m</td>
</tr>
<tr>
<td>RATE OF FIRE</td>
<td>Single Shot</td>
</tr>
<tr>
<td>MUZZLE VEL.</td>
<td>247 fps</td>
</tr>
</tbody>
</table>

### ADDITIONAL FACTS

- 30 seconds burn time
- Illumination and signaling round, designed for less weight and bulk, greater accuracy than comparable handheld signals
- Candle visible at slant range of at least 3 miles from 3000’ altitude
- Parachute lowers candle at 7 fps
- Raised letter “W” on Ogive identifies color of cartridge
- 22 rounds per metal can
- 2 cans per wirebound box

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>B535</td>
<td>M583A1</td>
<td>M79, M203, M320 Grenade Launchers</td>
</tr>
</tbody>
</table>
M661 GS
GREEN STAR PARACHUTE

SYSTEM CHARACTERISTICS

LENGTH 5.272"
WEIGHT 222 g
BURST HEIGHT 150–215 m
RATE OF FIRE Single Shot
MUZZLE VEL. 247 fps

ADDITIONAL FACTS

▪ Illumination and signaling round designed for less weight and bulk and greater accuracy than comparable handheld signals
▪ 30 seconds burn time
▪ Parachute lowers candle at 7 fps
▪ Candlepower 8,000 Candle is visible at slant range of at least 3 miles from 3000’ altitude
▪ Raised letter “G” on Ogive identifies color of cartridge
▪ 22 rounds per metal can
▪ 2 cans per wirebound box

DODIC | NAME | WEAPON
---|---|---
B504 | M661 | M79, M203, M320 Grenade Launchers
M662 RS
RED STAR PARACHUTE

SYSTEM CHARACTERISTICS

LENGTH 5.272”
WEIGHT 222 g
BURST HEIGHT 150–215 m
RATE OF FIRE Single Shot
MUZZLE VEL. 247 fps

ADDITIONAL FACTS

▪ 30 seconds burn time
▪ Illumination and signaling round designed for less weight and bulk and greater accuracy than comparable handheld signals
▪ Candle is visible at slant range of at least 3 miles from 3000’ altitude
▪ Parachute lowers candle at 7 fps
▪ Raised letter “R” on Ogive identifies color of cartridge
▪ 22 rounds per metal can
▪ 2 cans per wirebound box

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>B505</td>
<td>M662</td>
<td>M79, M203, M320 Grenade Launchers</td>
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</tbody>
</table>
M585 WS
WHITE STAR CLUSTER

SYSTEM CHARACTERISTICS

LENGTH  5.268"
WEIGHT  186 g
BURST HEIGHT  150–215 m
RATE OF FIRE  Single Shot
MUZZLE VEL.  247 fps

ADDITIONAL FACTS

▪ Individual stars burn for approximately 5.5 seconds minimum
▪ Illumination and signaling round designed for less weight and bulk and greater accuracy than comparable handheld signals
▪ Candlepower 30,000 minimum
▪ Five raised dots and “W” on Ogive identify color and type of cartridge
▪ 22 rounds per metal can
▪ 2 cans per wirebound

DODIC  NAME  WEAPON
B536  M585  M79, M203, M320
        Grenade Launchers
M781 TP
TARGET PRACTICE

SYSTEM CHARACTERISTICS

LENGTH 4.05"
WEIGHT 205 g
MAX. RANGE 400 m
RATE OF FIRE Single Shot
MUZZLE VEL. 247 fps

ADDITIONAL FACTS

▪ Target practice round designed to simulate M433 HEDP in appearance and ballistics
▪ Emits bright orange dye upon target impact
▪ 40 rounds per fiberboard box

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>B519</td>
<td>M781</td>
<td>M79, M203, M320 Grenade Launchers</td>
</tr>
</tbody>
</table>
LARGE CALIBER AMMUNITION

105mm. ........................................ 98
120mm. ........................................ 108
LARGE CALIBER AMMUNITION

105mm

105mm LARGE CALIBER AMMUNITION
<table>
<thead>
<tr>
<th>DODIC</th>
<th>AMMO ROUND</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA40</td>
<td>M1040</td>
<td>100</td>
</tr>
<tr>
<td>CA32</td>
<td>M393A3 HEP-T</td>
<td>101</td>
</tr>
<tr>
<td>CA37</td>
<td>M467A1 TP-T</td>
<td>102</td>
</tr>
<tr>
<td>C508</td>
<td>M456A2 HEAT-T</td>
<td>103</td>
</tr>
<tr>
<td>C543</td>
<td>M900 APFSDS-T</td>
<td>104</td>
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<tr>
<td>C511</td>
<td>M490A1 TP-T</td>
<td>105</td>
</tr>
<tr>
<td>CA58</td>
<td>M724A2 TPDS-T</td>
<td>106</td>
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</tbody>
</table>
# M1040 Canister

## System Characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>872 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>23.9 kg</td>
</tr>
<tr>
<td>Effective Range</td>
<td>300 m</td>
</tr>
</tbody>
</table>

## Additional Facts

- Provides anti-personnel capability for Stryker Mobile Gun System (MGS)
- Provides 50% incapacitation of five men of ten man squad at a range of 100–300 m
- Disperses 2000 tungsten spheres
- Steel cartridge case

## DODIC Name Weapon

<table>
<thead>
<tr>
<th>DODIC</th>
<th>Name</th>
<th>Weapon</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA40</td>
<td>M1040</td>
<td>105mm Gun on Mobile Gun System (MGS)</td>
</tr>
</tbody>
</table>
M393A3 HEP-T
HIGH-EXPLOSIVE PLASTIC WITH TRACER

SYSTEM CHARACTERISTICS

HEIGHT 940 mm
WEIGHT 20.46 kg
EFFECTIVE RANGE 2000 m

ADDITIONAL FACTS

- Designed to create openings in 8” double reinforced concrete walls so infantry can pass through and defeat bunkers, light armored vehicles, trucks and sniper positions
- Dual safe fuze
- Puts large amount of high explosive on target
- Replaces M393A2 HEP-T
- Steel cartridge case

DODIC NAME WEAPON
CA32 M393A3 105mm Gun on Mobile Gun System (MGS)
M467A1 TP-T
TARGET PRACTICE WITH TRACER

SYSTEM CHARACTERISTICS
HEIGHT 940 mm
WEIGHT 20.46 kg
EFFECTIVE RANGE 2000 m

ADDITIONAL FACTS
- Training cartridge for M393A3 HEP-T tactical cartridge
- Appearance and ballistics match to M393A3, 105mm High Explosive Plastic with Tracer (HEP-T)
- Steel cartridge case

DODIC | NAME | WEAPON
--- | --- | ---
CA37 | M467A1 | 105mm Gun on Mobile Gun System (MGS)
M456A2 HEAT-T
HIGH EXPLOSIVE ANTI-TANK WITH TRACER

SYSTEM CHARACTERISTICS

HEIGHT 1005 mm
WEIGHT 22.23 kg
EFFECTIVE RANGE 2000 m

ADDITIONAL FACTS

▪ Point initiating, base detonating fuze initiated by an impact switch in an aluminum standoff spike
▪ Improved performance on irregular surfaces and graze functioning
▪ Shaped charge liner
▪ Employment, secondary armor defeating, lightly armored targets, and field fortifications
▪ Steel cartridge case

DODIC NAME WEAPON
C508 M456A2 105mm Gun on Mobile Gun System (MGS)
M900 APFSDS-T
ARMOR PIERCING FIN STABILIZED DISCARDING SABOT WITH TRACER

SYSTEM CHARACTERISTICS

HEIGHT 1003 mm
WEIGHT 18.50 kg
EFFECTIVE RANGE 3000 m

ADDITIONAL FACTS

- Armor Piercing, Fin Stabilized Discarding Sabot with Tracer
- Kinetic Energy (KE) cartridge
- Monolithic Depleted Uranium penetrator
- Employment, primary armor defeating round
- Steel cartridge case

DODIC | NAME | WEAPON
--- | --- | ---
C543 | M900 | 105mm Gun on Mobile Gun System (MGS)
M490A1 TP-T
TARGET PRACTICE WITH TRACER

SYSTEM CHARACTERISTICS

HEIGHT  999.24 mm
WEIGHT  20.78 kg
EFFECTIVE RANGE  2000 m

ADDITIONAL FACTS

- Ballistic match to M456 series
- Provides inexpensive training cartridge
- Steel cartridge case

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>C511</td>
<td>M490A1</td>
<td>105mm Gun on Mobile Gun System (MGS)</td>
</tr>
</tbody>
</table>
**M724A2 TPDS-T**  
**TARGET PRACTICE DISCARDING SABOT WITH TRACER**

**SYSTEM CHARACTERISTICS**
- **HEIGHT**: 1003 mm
- **WEIGHT**: 15.77 kg
- **EFFECTIVE RANGE**: 2000 m

**ADDITIONAL FACTS**
- Provides inexpensive cartridge for training
- Provides Kinetic Energy (KE) training capability
- Ballistic match to M900 with limited flight distance to facilitate training at all gunnery ranges
- Steel cartridge case

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA58</td>
<td>M724A2</td>
<td>105mm Gun on Mobile Gun System (MGS)</td>
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<tr>
<td>DODIC</td>
<td>AMMO ROUND</td>
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<tr>
<td>-------</td>
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<tr>
<td>CA05</td>
<td>M908 HE-OR-T</td>
<td>110</td>
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<tr>
<td>C791</td>
<td>M830A1 HEAT-MP-T</td>
<td>111</td>
</tr>
<tr>
<td>CA38</td>
<td>M1028</td>
<td>112</td>
</tr>
<tr>
<td>CA26</td>
<td>M829A3 APFSDS-T</td>
<td>113</td>
</tr>
<tr>
<td>CA31</td>
<td>M1002 TPMP-T</td>
<td>114</td>
</tr>
<tr>
<td>C785</td>
<td>M865 TPCSDS-T</td>
<td>115</td>
</tr>
<tr>
<td>CA64</td>
<td>M829A4 APFSDS-T</td>
<td>116</td>
</tr>
</tbody>
</table>
M908 HE-OR-T
HIGH-EXPLOSIVE OBSTACLE REDUCTION WITH TRACER

SYSTEM CHARACTERISTICS

- HEIGHT: 984 mm
- WEIGHT: 22.7 kg
- EFFECTIVE RANGE: 3000 m

ADDITIONAL FACTS

- Provides enhanced performance against concrete obstacles
- 80 mm High-Explosive filled projectile with discarding sabot
- Combustible Cartridge Case (CCC)
- Identical to 120mm HEAT-MP-T, except fitted with steel nose in place of proximity switch
- Provides capability similar to M830A1 against buildings, bunkers and light armor
- Converted from M830A1 cartridges from inventory

DODIC | NAME | WEAPON
--- | --- | ---
CA05 | M908 | 120mm Cannon on M1A1/M1A2 series Abrams Main Battle Tanks
M830A1 HEAT-MP-T
HIGH-EXPLOSIVE ANTI-TANK
MULTI-PURPOSE WITH TRACER

SYSTEM CHARACTERISTICS

HEIGHT 984 mm
WEIGHT 22.7 kg
EFFECTIVE RANGE 3000 m

ADDITIONAL FACTS

▪ Designed to defeat buildings, bunkers, light armored vehicles
▪ Self defense capability against helicopters
▪ 80 mm High-Explosive filled projectile with discarding sabot
▪ Combustible Cartridge Case (CCC)
▪ Radio Frequency (RF) proximity sensor mounted on nose to provide capability against helicopters
▪ Reduced Time of Flight (TOF)
▪ Improved Hit Probability

DODIC | NAME | WEAPON
--- | --- | ---
C791 | M830A1 | 120mm Cannon on M1A1/M1A2 series Abrams Main Battle Tanks
**SYSTEM CHARACTERISTICS**

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>779 mm</th>
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<tbody>
<tr>
<td>WEIGHT</td>
<td>22.9 kg</td>
</tr>
<tr>
<td>EFFECTIVE RANGE</td>
<td>&lt;500 m</td>
</tr>
</tbody>
</table>

**ADDITIONAL FACTS**

- Designed to defeat personnel and thin skinned vehicles
- Effective against cinderblock walls, concertina wire and foliage
- Payload of ~1100 tungsten balls dispersed from projectile delivering a lethal spray of spheres on target
- Combustible Cartridge Case (CCC)
- Low collateral damage
- Fuzeless round

**DODIC | NAME | WEAPON**

| CA38  | M1028 | 120mm Cannon on M1A1/M1A2 series Abrams Main Battle Tanks |
# M829A3 APFSDS-T

**ARMOR-PIERCING FIN-STABILIZED DISCARDING SABOT WITH TRACER**

## SYSTEM CHARACTERISTICS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>984 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>22.2 kg</td>
</tr>
<tr>
<td>Effective Range</td>
<td>4000 m</td>
</tr>
</tbody>
</table>

## ADDITIONAL FACTS

- Designed to defeat modern tanks with Explosive Reactive Armor (ERA)
- “Depleted Uranium” (DU) Penetrator with enhanced properties
- Lightweight composite sabot
- Combustible Cartridge Case (CCC)
- Enhanced high density conventional propulsion system utilizing RPD-380 Propellant

## DODIC NAME WEAPON

<table>
<thead>
<tr>
<th>DODIC</th>
<th>NAME</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CA26</td>
<td>M829A3</td>
<td>120mm Cannon on M1A1/M1A2 series Abrams Main Battle Tanks</td>
</tr>
</tbody>
</table>
**SYSTEM CHARACTERISTICS**

- HEIGHT 978 mm
- WEIGHT 22.7 kg
- EFFECTIVE RANGE 3000 m

**ADDITIONAL FACTS**

- Training cartridge for M830A1 HEAT-MP-T/M908 HE-OR-T tactical cartridges
- Meets 8 km maximum range limitation
- Contains air/ground mode selector switch simulator on nose to provide for loader familiarization with switch setting operation on tactical cartridge
- Combustible Cartridge Case (CCC)

**M1002 FRANGIBLE NOSE**

A small quantity incorporating a frangible nose designed to reduce the risk of ricochet is available to support gunnery training in Korea.

<table>
<thead>
<tr>
<th>DODIC</th>
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<th>WEAPON</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA31</td>
<td>M1002</td>
<td>120mm Cannon on M1A1/M1A2 series Abrams Main Battle Tanks</td>
</tr>
</tbody>
</table>
M865 TPCSDS-T

TARGET-PRACTICE CONE STABILIZED DISCARDING SABOT WITH TRACER

SYSTEM CHARACTERISTICS

HEIGHT 881 mm
WEIGHT 17 kg
EFFECTIVE RANGE 2500 m

ADDITIONAL FACTS

▪ Training cartridge for APFSDS-T tactical cartridges
▪ Discarding sabot, and unique cone stabilizer to limit safety fan required for tank gunnery
▪ Meets 8 km maximum range limitation
▪ Incorporates Advanced Case System (ACS) to provide safer round

DODIC | NAME | WEAPON
---|---|---
C785 | M865 | 120mm Cannon on M1A1/M1A2 series Abrams Main Battle Tanks
M829A4 APFSDS-T
ARMOR-PIERCING FIN-STABILIZED DISCARDING SABOT WITH TRACER

SYSTEM CHARACTERISTICS

HEIGHT 984 mm
WEIGHT 25.4 kg
EFFECTIVE RANGE 4000 m

ADDITIONAL FACTS

- Designed to defeat modern tanks with Explosive Reactive Armor (ERA) and Active Protection Systems (APS)
- Ammunition Data Link (ADL) for bi-directional communication with firing platform
- Most advanced anti-tank cartridge currently in production in the world
- Advanced penetrator design
- Lightweight composite sabot
- Advanced Case System (ACS)
- Higher operating temperature (+63°C) compared to previous tactical rounds (+52°C)

DODIC  NAME  WEAPON

CA64  M829A4  120mm Cannon on M1A1/M1A2 series Abrams Main Battle Tanks
WARFIGHTER AMMUNITION
INFORMATION PROGRAM

Provides Ammunition Capabilities, Information Briefings and Support to the Warfighter

Subjects Include Direct Fire Small, Medium and Large Caliber Ammunition 5.56mm through 120mm

Warfighter Ammunition Information Forum established on “Warrior University” Website through AKO (www.warrioruniversity.army.mil)
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