CHAPTER 3

CALIBER .22 CARTRIDGES
CARTRIDGE, CALIBER .22, BALL, LONG RIFLE

Type Classification:

STD - OTCM 36841.

Use:

Subcaliber Rifle M2A1; Winchester Models 52 and 75; Remington Models M40X and 513T; Machine Gun Trainers M3 and M4. The cartridge is intended for marksmanship practice and match use.

Description:

BALL Cartridge. The cartridge is grade match.

Tabulated Data:

DODAC----------------------------- 1305-A086
UNO serial number ------------- 0012
UNO proper shipping name---------- Cartridges for weapons, inert projectile
Weight -------------------------- 52 gr
Length -------------------------- 1 in. (25.4 mm)
Tracer -------------------------- NA
Primer -------------------------- Percussion (Rimfire)
Fuze --------------------------- NA

Explosive:
Type -------------------------- NA
Weight -------------------------- NA

Incendiary:
Type -------------------------- NA
Weight -------------------------- NA

Propellant:
Type -------------------------- Smokeless powder
Weight -------------------------- MBR

Performance:

Chamber pressure --------------- 24,000 psi
Velocity ------------------------ 1100 fps, 15 ft from muzzle

Shipping and Storage Data:

Quantity-distance class/
SCG -------------------------- 1.4S
Storage code ------------------- Class V
DOT shipping class ---------- C
DOT designation ------------- SMALL ARMS AMMUNITION
Drawing number -------------- 7553931

References:

SB 700-20
TM 9-1005-206-14P/4
TM 9-1005-226-14
TM 9-1300-206
CARTRIDGE, CALIBER .22, BALL, LONG RIFLE, M24

**Type Classification:**

OBS - MSR 11756003.

**Use:**

Subcaliber Rifle M2A1; Caliber .22 Rifle; Remington Models 40X and M513T; Steven's Model 416-2; Winchester Models 52 and 75; Machine Gun Trainers M3 and M4; pistols for gallery practice and training purposes. The cartridge is intended for use against small game for survival purposes.

**Description:**

BALL Cartridge.

**Tabulated Data:**

- **DODAC** ............... 1305-A086
- **UNO serial number** .... 0012
- **UNO proper shipping name** ........ Cartridges for weapons, inert projectile
- **Weight** ............... 53 gr
- **Length** ................ 1 in. (25.4 mm)
- **Tracer** ............... NA
- **Primer** ............... Percussion (Rimfire)
- **Fuze** ................ NA

**Explosive:**

- **Type** ................ NA
- **Weight** .......... NA

**Incendiary:**

- **Type** ................ NA
- **Weight** .......... NA

**Propellant:**

- **Type** ............... Smokeless powder
- **Weight** .......... 2.5 gr

**Projectile:**

- **Weight** .......... 40.5 gr

**Performance:**

- **Chamber pressure** ........ 24,000 psi
- **Velocity** ........ 1185 fps, 15 ft from muzzle

**Shipping and Storage Data:**

- **Quantity-distance class/ DODG** .......... 1.4S
- **Storage code** .......... Class V
- **DOT shipping class** .......... C
- **DOT designation** .......... SMALL ARMS AMMUNITION
- **Drawing number** .......... 7640995

**References:**

- SB 700-20
- TM 9-1005-206-14P/4
- TM 9-1005-226-14
- TM 9-1300-206
CARTRIDGE, CALIBER .22, BALL, HORNET, M65

- **Type Classification:**
  OBS - MSR 11756003.

- **Use:**
  Caliber .22 Survival Weapons, M4 and M6. The cartridge is intended for use against small game.

- **Description:**
  BALL Cartridge.

- **Tabulated Data:**
  
  | DODAC        | 1305-A088 |
  | UNO serial number | 0012 |
  | UNO proper shipping name | Cartridges for weapons, inert projectile |
  | Weight        | 103 gr |
  | Length        | 1.723 in. (43.7 mm) |
  | Tracer        | NA |
  | Primer        | Percussion |
  | Fuze          | NA |
  | Explosive:    | NA |
  | Type          | NA |
  | Weight        | NA |

- **Incendiary:**
  
  | Type          | NA |
  | Weight        | NA |

- **Propellant:**
  
  | Type          | Smokeless powder |
  | Weight        | 12.6 gr |

- **Performance:**
  
  | Chamber pressure | 43,000 psi |
  | Velocity         | 2750 fps, 15 ft from muzzle |

- **Shipping and Storage Data:**
  
  | Quantity-distance class/SCG | 1.4S |
  | Storage code               | Class V |
  | DOT shipping class         | C |
  | DOT designation            | SMALL ARMS AMMUNITION |
  | Drawing number             | 7553664 |

- **References:**
  
  SB 700-20
  TM 9-1005-206-14P/4
  TM 9-1005-226-14
  TM 9-1300-206
CARTRIDGE, CALIBER .22, TRACER, LONG RIFLE, M861

Type Classification:
STD - DA Letter.

Use:
Rifle M16A1 when adapted with the M261 Conversion Kit. The M861 cartridge, when fired from the rim-fired adapter M16A1 Rifle mounted on the Brewster Device, will increase the training proficiency in scaled range tank gunnery exercise by providing a visual display for tracking purposes.

Description:
TRACER Cartridge. The cartridge M861, .22 Caliber Long Rifle, rimfire with tracer is a commercially produced item, manufactured by Dynamit - Nobel AG. The M861 is designed to be fired in the M16A1 rifle when adapted with the M261 Conversion Kit. It can be fired in the automatic or semi-automatic modes. The tracer (red) is visible between 27 and 192 feet in daylight to allow the gunner to observe and sense the impact of the tracer with normal vision and sighting devices when fired on the scaled range. The M861 is identified by a red painted tip.

Tabulated Data:
DODAC------------------------- 1305-A090
UNO serial number --------- 0012

UNO proper shipping
name ------------------------ Cartridges for weapons, inert projectile
Weight ----------------------- 48 gr
Length ----------------------- 1 in. (25.4 mm)
Tracer ----------------------- NA
Primer ----------------------- Percussion (Rimfire)
Fuze ------------------------ NA
Explosive:
  Type ----------------------- NA
  Weight ---------------------- NA
Incendiary:
  Type ----------------------- NA
  Weight ---------------------- NA
Propellant:
  Type ----------------------- Smokeless powder
  Weight ---------------------- 2.5 gr

Performance:
Chamber pressure ----------- 24,000 psi
Velocity ------------------- 990.75 fps, 302 m/s

Shipping and Storage Data:
Quantity-distance class/
SCG ------------------------ 1.4S
Storage code ---------------- Class V
DOT shipping class --------- C
DOT designation ------------ SMALL ARMS AMMUNITION
Drawing number ------------ 9343015
CHAPTER 4

CALIBER .30 CARBINE CARTRIDGES
CARTRIDGE, CALIBER .30, CARBINE, BALL, M1

Type Classification:

OBS - MSR 11756003.

Use:

Caliber .30, Carbine, M1, M2 or M3. The cartridge is intended for use against personnel and unarmored targets.

Description:

BALL Cartridge. The cartridge is identified by the lack of bullet tip color code painting.

Tabulated Data:

- DODAC: 1305-A181
- UNO serial number: 0012
- UNO proper shipping name: Cartridges for weapons, inert projectile
- Weight: 196 gr
- Length: 1.68 in. (42.7 mm)
- Tracer: NA
- Primer: Percussion
- Fuze: NA
- Explosive: NA

Weight: NA
Incendiary:
- Type: NA
- Weight: NA
Propellant:
- Type: WC 820
- Weight: 13 gr
Projecile:
- Type: 111 gr

Performance:

- Chamber pressure: 40,000 psi
- Velocity: 1900 fps, 53 ft from muzzle

Shipping and Storage Data:

- Quantity-distance class/SCG: 1.4S
- Storage code: Class V
- DOT shipping class: C
- DOT designation: SMALL ARMS AMMUNITION
- Drawing number: 6200954

References:

- SB 700-20
- TM 0-1300-206
CARTRIDGE, CALIBER .30, CARBINE, GRENADE, M6

Type Classification:

OBS - MSR 11756003.

Use:

Caliber .30, Carbine, M1 or M2. The cartridge is currently used as a blank cartridge. The cartridge provides pressure to project grenades by using a grenade projection adapter.

Description:

GRENADE Cartridge. The cartridge identified by the rose-petal (rosette-crimp) closure of the cartridge case mouth.

Tabulated Data:

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<th>DODAC</th>
<th>1330-G837</th>
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<tbody>
<tr>
<td>UNO serial number</td>
<td>0014</td>
</tr>
<tr>
<td>UNO proper shipping name</td>
<td>Cartridges for weapons, blank</td>
</tr>
<tr>
<td>Weight</td>
<td>103 gr</td>
</tr>
<tr>
<td>Length</td>
<td>1.68 in. (42.7 mm)</td>
</tr>
<tr>
<td>Tracer</td>
<td>NA</td>
</tr>
<tr>
<td>Primer</td>
<td>Percussion</td>
</tr>
<tr>
<td>Fuze</td>
<td>NA</td>
</tr>
</tbody>
</table>

Explosive:

| Type             | NA          |
| Weight           | NA          |

Incendiary:

| Type             | NA          |
| Weight           | NA          |

Propellant:

| Type             | IMR 4809 and black powder |
| Weight           | 21 gr        |

Performance:

Chamber pressure: NA
Velocity: 145 fps, 5 ft from muzzle of projectile grenade

Shipping and Storage Data:

| Quantity-distance class/SCG | 1.4S |
| Storage code                | Class V |
| DOT shipping class          | C |
| DOT designation             | SMALL ARMS AMMUNITION |
| Drawing number              | 6181079 |

References:

SB 700-20
TM 9-1300-206
CARTRIDGE, DUMMY, CALIBER .30, CARBINE, M13

Type Classification:

OBS - MSR 11756003.

Use:

Caliber .30, Carbine, M1 or M2. The cartridge is completely inert and is used for practice in loading weapons, for simulated firing to detect flinching of personnel when firing, and for inspecting and testing the mechanisms of the weapon.

Description:

DUMMY Cartridge. The cartridge is identified by two holes in the cartridge case and the absence of the primer.

Tabulated Data:

<table>
<thead>
<tr>
<th></th>
<th>DODAC</th>
<th>UNO serial number</th>
<th>UNO proper shipping name</th>
<th>Weight</th>
<th>Length</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>1305-A186</td>
<td>0339</td>
<td>Cartridges for weapons, inert projectile</td>
<td>177 gr</td>
<td>1.68 in. (42.7 mm)</td>
</tr>
</tbody>
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Tracer: NA
Primer: NA
Fuze: NA
Explosive:
  Type: NA
  Weight: NA
Incendiary:
  Type: NA
  Weight: NA
Propellant:
  Type: NA
  Weight: NA

Performance:

Chamber pressure: NA
Velocity: NA

Shipping and Storage Data:

Quantity-distance class:
  SCG: NA
Storage code: NA
DOT shipping class: NA
DOT designation: NONEXPLOSIVE AMMUNITION
Drawing number: 6177513

References:

SB 700-20
TM 9-1300-206
CARTRIDGE, CALIBER .30, CARBINE, BALL, HIGH PRESSURE TEST, M18

Type Classification:

STD - OTCM 36841.

Use:

Caliber .30, Carbine, M1 and M2. The cartridge is used for proof firing of caliber .30 carbine weapons during manufacture, test, or repair.

Description:

BALL Cartridge. The cartridge is identified by the stannic-stained (silvered) cartridge case.

Tabulated Data:

DODAC: 1305-A185
UNO serial number: 0012
UNO proper shipping name: Cartridges for weapons, inert projectile
Weight: 243 gr
Length: 2 in (50.8 mm)
Tracer: NA
Primer: Percussion
Fuze: NA

Explosive:
Type: NA
Weight: NA
Incendiary:
Type: NA
Weight: NA
Propellant:
Type: HPC 5
Weight: 14 gr

Performance:

Chamber pressure: 47,500 psi
Velocity: NA

Shipping and Storage Data:

Quantity-distance class/SCC: 1.4S
Storage code: Class V
DOT shipping class: C
DOT designation: SMALL ARMS AMMUNITION
Drawing number: 6176267

References:

SB 700-20
TM 9-1300-206
CARTRIDGE, CALIBER .30, CARBINE, TRACER, M27

Type Classification:
OBS - MSR 11756003.

Use:
Caliber .30, Carbine, M1 and M2.

Description:
TRACER Cartridge. The cartridge is identified by an orange bullet tip.

Function:
In flight, the bullet exhibits a visible trace of full luminosity from a point not greater than 100 yards from the muzzle of the weapon to a point not less than 400 yards from the muzzle.

Tabulated Data:
DODAC: 1305-A183
UNO serial number: 0012

UNO proper shipping name: Cartridges for weapons, inert projectile

Weight: 191 gr
Length: 1.68 in. (42.7 mm)
Tracer: NA
Primer: Percussion
Fuze: NA
Explosive:
Type: NA
Weight: NA

Incendiary:
Type: NA
Weight: NA

Propellant:
Type: WC 820
Weight: 13 gr

Performance:
Chamber pressure: 40,000 psi
Velocity: 1800 fps, 53 ft from muzzle

Shipping and Storage Data:
Quantity-distance class/SCG: 1.4S
Storage code: Class V
DOT shipping class ------- C
DOT designation ----------- SMALL ARMS
AMMUNITION
Drawing number ----------- 76409309

References:
SB 700-20
TM 9-1300-206
CHAPTER 5

CALIBER .30 RIFLE AND MACHINE GUN CARTRIDGES
CARTRIDGE, CALIBER .30, BALL, HIGH PRESSURE TEST, M1

Type Classification:

STD - OTCM 37119.

Use:

All caliber .30 weapons except carbines. The cartridge is used to proof test caliber .30 rifles and machine guns during manufacture, test, or repair.

Description:

BALL Cartridge. The cartridge is identified by stannic-stained (silvered) cartridge case.

Tabulated Data:

- DODAC: 1305-A237
- UNO serial number: 0012
- UNO proper shipping name: Cartridges for weapons, inert projectile
- Weight: 432 gr
- Length: 3.34 in. (84.8 mm)
- Tracer: NA
- Primer: Percussion
- Fuze: NA

Explosive:
- Type: NA
- Weight: NA

Incendiary:
- Type: NA
- Weight: NA

Propellant:
- Type: IMR 4198
- Weight: 52 gr

Performance:

- Chamber pressure: 67,500 psi
- Velocity: NA

Shipping and Storage Data:

- Quantity-distance class: 1.4S
- SCG: Class V
- Storage code: Class V
- DOT shipping class: C
- DOT designation: SMALL ARMS AMMUNITION
- Drawing number: 6016308

References:

- SB 700-20
- TM 9-1005-222-12P1
- TM 9-1300-206
CARTRIDGE, CALIBER .30, TRACER, M1

Type Classification:

OBS - MSR 11756003.

Use:

Machine Guns, Caliber .30, M37, M1919A4 and M1919A6; and Rifle, Caliber .30, M1. The tracer element is intended to permit visible observation of the bullet's in-flight path, or trajectory, to the target.

Description:

TRACER Cartridge. The cartridge is identified by a red bullet tip.

Tabulated Data:

DODAC------------------ 1305-A231
UNO serial number ------ 0012
UNO proper shipping name---------------- Cartridges for weapons, inert projectile

Weight ------------------ 399 gr
Length ------------------ 3.34 in. (84.8 mm)
Tracer -------------------- R256
Primer ------------------ Percussion
Fuze ------------------ NA
Explosive:
  Type ------------------ NA
  Weight ------------------ NA
Incendiary:
  Type ------------------ NA
  Weight ------------------ NA
Propellant:
  Type ------------------ IMR 4895
  Weight ------------------ 50 gr

Performance:

Chamber pressure ------------ 52,000 psi
Velocity ------------------ 2665 fps, 78 ft from muzzle

Shipping and Storage Data:

Quantity-distance class/
  SCG ------------------ 1.4S
Storage code ---------------- Class V
CARTRIDGE, CALIBER .30, ARMOR PIERCING, M2

Type Classification:
OBS - MSR 11756003.

Use:
Machine Guns, Caliber .30, M37, M1919A4 and M1919A6; and Rifle, Caliber .30, M1.

Description:
ARMOR PIERCING Cartridge. The cartridge is identified by a black bullet tip.

Function:
Penetration, fired at 7/8-inch thick homogeneous armor plate at 100 yards, will be not less than 0.42 inch.

Tabulated Data:

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<th>DODAC</th>
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<tbody>
<tr>
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<td>0012</td>
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<tr>
<td>UNO proper shipping name</td>
<td>Cartridges for weapons, inert projectile</td>
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<table>
<thead>
<tr>
<th>Weight</th>
<th>424 gr</th>
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<tbody>
<tr>
<td>Length</td>
<td>3.34 in. (84.8 mm)</td>
</tr>
<tr>
<td>Tracer</td>
<td>NA</td>
</tr>
<tr>
<td>Primer</td>
<td>Percussion</td>
</tr>
<tr>
<td>Fuze</td>
<td>NA</td>
</tr>
</tbody>
</table>

Explosive:
Type: NA
Weight: NA

Incendiary:
Type: NA
Weight: NA

Propellant:
Type: WC 852
Weight: 55 gr

Projectile:
Weight: 165.7 gr

Performance:
Chamber pressure: 54,000 psi
Velocity: 2715 fps, 78 ft from muzzle

Shipping and Storage Data:

<table>
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<tr>
<th>Quantity-distance class/SCG</th>
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<tbody>
<tr>
<td>Storage code</td>
<td>Class V</td>
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<tr>
<td>DOT shipping class</td>
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<td>DOT designation</td>
<td>SMALL ARMS AMMUNITION</td>
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<td>Drawing number</td>
<td>6138194</td>
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References:
SB 700-20
TM 1005-222-12P/1
TM 9-1300-206
CARTRIDGE, CALIBER .30, BALL, M2

**Type Classification:**

OBS - MSR 11756003.

**Use:**

Machine Guns, Caliber .30, M37, M1919A4 and M1919A6; and Rifle, Caliber .30, M1. The cartridge is intended for use against personnel or unarmored targets.

**Description:**

BALL Cartridge. The cartridge is identified by a plain bullet tip.

**Tabulated Data:**

- DODAC: 1305-A212
- UNO serial number: 0012
- UNO proper shipping name: Cartridges for weapons, inert projectile
- Weight: 416 gr
- Length: 3.34 in. (84.8 mm)
- Tracer: NA
- Primer: Percussion
- Fuze: NA
- Explosive: Type: NA, Weight: NA
- Incendiary: Type: NA, Weight: NA
- Propellant: Type: IMR 4895, Weight: 50 gr

**Performance:**

- Chamber pressure: 50,000 psi
- Velocity: 2740 fps, 78 ft from muzzle

**Shipping and Storage Data:**

- Quantity-distance class: SCG: 1.4S
- Storage code: Class V
- DOT shipping class: C
- DOT designation: SMALL ARMS AMMUNITION
- Drawing number: 6137544

**References:**

- SB 700-20
- TM 9-1005-222-12P/1
- TM 9-1300-206
CARTRIDGE, CALIBER .30, GRENADE, M3

Type Classification:
OBS - MSR 11756003.

Use:
Rifle, Caliber .30, M1.

Description:
GRENADE Cartridge. The cartridge is identified by a rose-petal (rosette-crimped) closure of the cartridge case mouth.

Function:
The cartridge provides the pressure, on functioning, to project rifle grenades when using a grenade projection adapter.

Tabulated Data:

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<thead>
<tr>
<th>DODAC</th>
<th>1330 G838</th>
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<tbody>
<tr>
<td>UNO serial number</td>
<td>0014</td>
</tr>
<tr>
<td>UNO proper shipping name</td>
<td>Cartridges for weapons, blank</td>
</tr>
</tbody>
</table>

Weight: 248 gr
Length: 2.49 in. (63.2 mm)
Tracer: NA
Primer: Percussion
Fuze: NA
Explosive:
Type: NA
Weight: NA
Incendiary:
Type: NA
Weight: NA
Propellant:
Type: IMR 4895
Weight: 45 gr

Performance:
Chamber pressure: NA
Velocity: 180 fps, 5.5 ft from muzzle/projected grenade

Shipping and Storage Data:
Quantity-distance class/SCG: 1.4S
Storage code: Class V
DOT shipping class: C
DOT designation: SMALL ARMS AMMUNITION
Drawing number: 6173949

References:
- SB 700-20
- TM 9-1005-222-12P/1
- TM 9-1300-206
Type Classification:

OBS - MSR 11756003.

Use:

Machine Guns, Caliber .30, M37, M1919A4 and M1919A6; and Rifle, Caliber .30, M1.

Description:

ARMOR PIERCING INCENDIARY Cartridge. The cartridge is identified by an aluminum bullet tip.

Function:

Penetration, fired at a 7/8-inch steel plate at 100 yards, will not be less than 0.42 inch. Upon impact with a target, the incendiary composition bursts into flame and will ignite flammable material.

Tabulated Data:

DODAC------------------- 1305 A202
UNO serial number ------- 0012
UNO proper shipping name ---------------------- Cartridges for weapons, inert projectile
Weight --------------------- 407 gr
Length --------------------- 3.34 in. (84.8 mm)
Tracer -------------------- NA
Primer --------------------- Percussion
Fuze --------------------- NA
Explosive:
Type --------------------- NA
Weight --------------------- NA
Incendiary:
Type --------------------- IM 11
Weight --------------------- 2 gr
Propellant:
Type --------------------- WC 852
Weight --------------------- 50 gr

Performance:

Chamber pressure ------------ 54,000 psi
Velocity --------------------- 2780 fps, 78 ft from muzzle

Shipping and Storage Data:

Quantity-distance class/ SCG --------------------- 1.4S
Storage code --------------------- Class V
DOT shipping class .........., C
DOT designation ............. SMALL ARMS AMMUNITION

Drawing number ............. 7638431

References:
SB 700-20
TM 9-1005-222-12P/1
TM 9-1300-206
CARTRIDGE, CALIBER .30, BALL, FRANGIBLE, M22

**Type Classification:**

OBS - MSR 11756003.

**Use:**

Machine Guns, Caliber .30, M37 and M1919A4; and Rifle, Caliber .30, M1.

**Description:**

BALL Cartridge. The cartridge is identified by a green bullet tip with a white ring to the rear of the green color.

**Function:**

The bullet disintegrates upon striking a hard or armored target, leaving a pencil-like mark to indicate a hit during gunnery practice.

**Tabulated Data:**

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<thead>
<tr>
<th>Description</th>
<th>Value</th>
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<tbody>
<tr>
<td>Primer</td>
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<tr>
<td>Fuze</td>
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<tr>
<td>Explosive: weight</td>
<td>NA</td>
</tr>
<tr>
<td>Incendiary: type</td>
<td>NA</td>
</tr>
<tr>
<td>Incendiary: weight</td>
<td>NA</td>
</tr>
<tr>
<td>Propellant: type</td>
<td>SR 4759</td>
</tr>
<tr>
<td>Propellant: weight</td>
<td>11 gr</td>
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<tr>
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<td>Length</td>
<td>3.29 in. (83.5 mm)</td>
</tr>
<tr>
<td>Tracer</td>
<td>NA</td>
</tr>
</tbody>
</table>

**Performance:**

Chamber pressure ---------- NA
Velocity -------------- 1320 fps, 53 ft from muzzle

**Shipping and Storage Data:**

Quantity-distance class/ SCG -------------- 1.4S
Storage code --------------- Class V
DOT shipping class -------- C
DOT designation ---------- SMALL ARMS AMMUNITION
Drawing number ------------ 7640951

**References:**

SB 700-20
TM 9-1300-206
.CARTRIDGE, CALIBER .30, TRACER, M25

Type Classification:

OBS - MSR 11756003.

Use:

Machine Guns, Caliber .30, M37, M1917A1, M1919A4, and M1919A6, and Rifle, Caliber .30, M1. The cartridge is intended for use against personnel and unarmored targets.

Description:

TRACER Cartridge. The cartridge is identified by an orange bullet tip.

Function:

In flight, the bullet exhibits a trace of full luminosity from a point not greater than 75 yards from the muzzle of the weapon to a point not less than 900 yards from the muzzle.

Tabulated Data:

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<td>0012</td>
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<tr>
<td>UNO proper shipping</td>
<td>Cartridges for weapons, inert projectile</td>
</tr>
<tr>
<td>Weight</td>
<td>401 gr</td>
</tr>
<tr>
<td>Length</td>
<td>3.34 in. (84.8 mm)</td>
</tr>
<tr>
<td>Tracer</td>
<td>K321</td>
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<tr>
<td>Primer</td>
<td>Percussion</td>
</tr>
<tr>
<td>Fuze</td>
<td>NA</td>
</tr>
</tbody>
</table>

Explosive:

Type: NA
Weight: NA

Incendiary:

Type: NA
Weight: NA

Propellant:

Type: WC 852
Weight: 50 gr

Performance:

Chamber pressure: 50,000 psi
Velocity: 2665 fps, 78 ft from muzzle

Shipping and Storage Data:

Quantity-distance class: 1.4S
SCG: Class V
DOT shipping class: C
DOT designation: SMALL ARMS AMMUNITION
Drawing number: 7640667 (brass case); 7553949 (steel case)

References:

SB 700-20
TM 9-1005-222-12P/1
TM 9-1300-206
CARTRIDGE, DUMMY, CALIBER .30, M40

Type Classification:

STD - OTCM 37119.

Use:

All caliber .30 weapons except carbine. The cartridge is inert, and is used for practice in loading weapons, for simulated firing to detect flinching of personnel when firing, and for inspecting and testing the mechanisms of small-arms weapons.

Description:

DUMMY Cartridge. The cartridge is identified by six 1-inch longitudinal corrugations (flutings) in the cartridge case. In addition, there is no primer.

Tabulated Data:

DODAC------------- 1305-A226
Weight -------------- 268 gr
Length ------------- 3.34 in. (84.8 mm)
Tracer -------------- NA
Primer -------------- NA
Fuze -------------- NA

Explosive:
Type -------------- NA
Weight -------------- NA

Incendiary:
Type -------------- NA
Weight -------------- NA

Propellant:
Type -------------- NA
Weight -------------- NA

Performance:

Chamber pressure ----- NA
Velocity ----------- NA

Shipping and Storage Data:

Quantity-distance class/
SCG ------------------ NA
Storage code ---------- NA
DOT shipping class --- NA
DOT designation ------ NONEXPLOSIVE AMMUNITION

Drawing number ------- 7553591

References:

SB 700-20
TM 9-1005-222-12P/1
TM 9-1300-206

5-19
CARTRIDGE, CALIBER .30, BALL, MATCH, M72

Type Classification:

STD - OTCM 37119.

Use:

Rifle, Caliber .30, M1; and Rifle, Caliber .30, National Match. The cartridge is designed to be fired only in weapons designated as competition rifles.

Description:

BALL Cartridge. The cartridge is identified by head stampings on the base of the cartridge case with either the initials NM (National Match) or the word MATCH. The primer is uncrimped, the bullet has no crimped cannelure, and the case is not crimped to the bullet.

Tabulated Data:

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<th>Term</th>
<th>Value</th>
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<td>UNO proper shipping name</td>
<td>Cartridges for weapons, inert projectile</td>
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<td>Length</td>
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<tr>
<td>Tracer</td>
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</tr>
<tr>
<td>Primer</td>
<td>Percussion</td>
</tr>
</tbody>
</table>

Fuze                         | NA             |
Explosive:                   | NA             |
  Type                        | NA             |
  Weight                      | NA             |
Incendiary:                  | NA             |
  Type                        | NA             |
  Weight                      | NA             |
Propellant:                  | IMR 4895       |
  Type                        | 50 gr          |

Performance:

Chamber pressure: 50,000 psi
Velocity: 2640 fps, 78 ft from muzzle

Shipping and Storage Data:

Quantity-distance class/SCG: 1.4S
Storage code: Class V
DOT shipping class: C
DOT designation: SMALL ARMS AMMUNITION
Drawing number: 8595432

References:

SB 700-20
TM 9-1005-222-12P/1
TM 9-1300-206
CARTRIDGE, CALIBER .30, BLANK, M1909

Type Classification:

OBS - MSR 11756003.

Use:

Machine Guns, Caliber .30, M1919A4 and M1919A6; and Rifle, Caliber .30, M1. The cartridge is used for simulated firing in training or for saluting purposes.

Description:

BLANK Cartridge. The cartridge is identified by the absence of a bullet and has a crimped cartridge case mouth.

Tabulated Data:

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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<tbody>
<tr>
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<tr>
<td>UNO serial number</td>
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<td>Primer</td>
<td>Percussion</td>
</tr>
<tr>
<td>Fuze</td>
<td>NA</td>
</tr>
</tbody>
</table>

Explosive:

Type                   | NA |
Weight                 | NA |

Incendiary:

Type                   | NA |
Weight                 | NA |

Propellant:

Type                   | SR 4990 |
Weight                 | 12 gr |

Performance:

Chamber pressure       | NA |
Velocity               | NA |

Shipping and Storage Data:

Quantity-distance class/ SCG | 1.4S |
Storage code             | Class V |
DOT shipping class       | C |
DOT designation          | SMALL ARMS AMMUNITION |
Drawing number           | 6006152 |

References:

SB 700-20
TM 9-1005-222-12P/1
TM 9-1300-206