

# Medium Caliber Ammunition (MCA)

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

### MISSION

Provides overwhelming lethality in medium caliber ammunition and point- and area-target engagement via medium handheld and crew-served weapons.

### DESCRIPTION

Medium caliber ammunition includes 20mm, 25mm, 30mm, and 40mm armor-piercing, high-explosive, smoke, illumination, training, and anti-personnel cartridges with the capability to defeat light armor, materiel, and personnel targets. The 20mm cartridge is a multi-purpose tracer, used in the Counter-Rocket, Artillery, and Mortar (C-RAM) weapon system. The 25mm target practice (TP), high-explosive incendiary and armor-piercing cartridges are fired from the M242 Bushmaster Cannon for the Bradley Fighting Vehicle. The 30mm TP and high-explosive dual-purpose (HEDP) cartridges are used in the Apache helicopter's M230 Chain Gun. A variety of 40mm TP, HEDP, and specialty cartridges are designed for

use in the M203 Grenade Launcher, M320 Grenade Launcher, and the MK19 Grenade Machine Gun.

### SYSTEM INTERDEPENDENCIES

#### In this Publication

None

#### Other Major Interdependencies

Medium caliber ammunition is dependent upon the weapons platforms currently in use.

### PROGRAM STATUS

- **Current:** In production

### PROJECTED ACTIVITIES

- **FY13:** Multiple year family acquisition for 20mm, 25mm and 30mm ammunition
- **FY14:** Multiple year family acquisition for 40mm ammunition
- **FY14:** Initiation of Development Program for new 40mm TP day/night/thermal training ammunition

## ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

**Medium Caliber Ammunition (MCA)**



**FOREIGN MILITARY SALES**

**30mm:**  
 Netherlands, Singapore, Saudi Arabia, Japan, Kuwait, United Arab Emirates

**40mm:**  
 Iraq, Afghanistan, Bahrain, Philippines

**CONTRACTORS**

General Dynamics Ordnance and Tactical Systems (Marion, IL; Red Lion, PA)  
 Alliant Techsystems (Radford, VA; Independence, MO; Rocket City, WV)  
 AMTEC Corp. (Janesville, WI; Camden, AR)  
 DSE Corp. (Tampa, FL; Gaffney, SC)

