

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 (MCA) includes 20mm, 25mm, 30mm, and 40mm armor-piercing, high-explosive, smoke, illumination, training, and antipersonnel cartridges with the capability to defeat light armor, materiel, and personnel targets. The 20mm cartridge is a multipurpose tracer with self destruct, 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

Other Major Interdependencies

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

PROGRAM STATUS

- **Current:** In production

PROJECTED ACTIVITIES

- **FY11:** Multiple year family buys for 25mm, 30mm, and 40mm ammunition

ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support

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FOREIGN MILITARY SALES

25mm:

Israel, Philippines

30mm:

Egypt, Israel, Japan, Kuwait, Netherlands, Serbia, Taiwan, United Arab Emirates

40mm:

Afghanistan, Canada, Greece, Israel, Japan, Kenya, Philippines, Tunisia

CONTRACTORS

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

