

# Javelin

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



## MISSION

To provide a man-portable, fire-and-forget, medium-range missile with enhanced situational awareness and precision direct-fire effects to defeat armored vehicles, fortifications, and soft targets across the spectrum of operations.

## DESCRIPTION

The Close Combat Missile System–Medium (CCMS–M) Javelin is highly effective against a variety of targets at extended ranges under day/night, battlefield obscurants, adverse weather, and multiple counter-measure conditions. The system’s soft-launch feature permits firing from a fighting position or an enclosure. Javelin’s modular design allows the system to evolve to meet changing threats and requirements via both software and hardware upgrades. The system consists of a reusable command launch unit (CLU) with a built-in-test (BIT), and a modular missile encased in a disposable launch tube assembly. The Javelin missile and command launch unit together weigh 48.8 pounds. The system also includes training

devices for tactical training and classroom training. Javelin’s fire-and-forget technology allows the gunner to fire and immediately take cover, to move to another fighting position, or to reload. The Javelin provides enhanced lethality through the use of a tandem warhead that will defeat all known armor threats. It is effective against both stationary and moving targets. This system also provides defensive capability against attacking/hovering helicopters. The performance improvements in current production Javelin Block I CLUs are: increased target identification range, increased surveillance time with new battery and software management of the “on” time, and external RS-170 interface for video output. The performance improvements in current production Javelin Block I missiles are: increased probability of hit/kill at 2,500 meters, improved warhead lethality, and reduced time of flight. In current conflicts the CLU is being used as a stand-alone surveillance and target acquisition asset. The Army is the lead for this joint program with the Marine Corps. Javelin is a Early Infantry Brigade Combat Team (E-IBCT)-complementary

system as the lethality solution for the E-IBCT Armed Robotic Vehicle–Assault (Light).

## SYSTEM INTERDEPENDENCIES

None

## PROGRAM STATUS

- **3QFY07:** Received full material release on Block I CLU
- **4QFY08:** Received full material release on Block I missile
- **Current:** Missile and CLU production
- **Current:** CLU total package fielding
- **Current:** Javelin has been fielded to more than 95 percent of active duty units. Fielding is underway to the National Guard.

## PROJECTED ACTIVITIES

- **FY09–10:** Final CLU procurements; achieves Army acquisition objective
- **Continue:** CLU production
- **Continue:** CLU total package fielding
- **Continue:** Missile production

## ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

## Javelin

### FOREIGN MILITARY SALES

United Kingdom, Australia, Ireland, Jordan, Lithuania, Taiwan, Norway, New Zealand, Czech Republic, Oman, United Arab Emirates

### CONTRACTORS

#### Javelin Joint Venture:

Raytheon (Tucson, AZ)

Lockheed Martin (Orlando, FL)

