

# Javelin

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



## MISSION

Provides the dismounted Soldier a man-portable, fire-and-forget system that is highly lethal against targets ranging from main battle tanks to fleeting targets of opportunity found in current threat environments facing the Army.

## 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 enclosures commonly found in complex urban terrain. 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 CLU provides stand alone all weather and day/night surveillance capability ideally suited for infantry operations in Afghanistan.

The Javelin missile and CLU 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 complementary system as the lethality solution for the Armed Robotic Vehicle–Assault (Light).

## SYSTEM INTERDEPENDENCIES

None

## PROGRAM STATUS

- **3QFY07:** Received full materiel release on Block I CLU
- **4QFY08:** Received full materiel 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

- **Continue:** A Multipurpose Warhead is planned to improve lethality against irregular/soft targets
- **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

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

### CONTRACTORS

**CLU:** Raytheon Missile Systems (Tucson, AZ); DRS Technologies (Dallas, TX); Raytheon (McKinney, TX; Dallas, TX; Garland, TX)

**GEU:** Raytheon Missile Systems (Tucson, AZ); Raytheon (McKinney, TX; Dallas TX; Garland, TX)

**ESAF/Seeker:** Lockheed Martin (Orlando, FL; Ocala, FL)

**FPA:** DRS Technologies (Dallas, TX)

**Propulsion Unit:** Aerojet (Camden, AR)

**Missile Final Assembly:** Lockheed Martin (Troy, AL)

**FTT, EPBST:** ECC International (Orlando, FL)

**Batteries:** Acme Electric (Tempe, AZ)

**Precursor Whd:** General Dynamics Ordnance and Tactical Systems (Camden, AR)

**Containers:** Independent Pipe Products (Grand Prairie, TX)

**Test Support:** Javelin Joint Venture (Huntsville, AL)

