

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.

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 imaging infrared 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 range, reduced weight, 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.

SYSTEM INTERDEPENDENCIES

None

PROGRAM STATUS

- **Current:** Missile and CLU production
- **Current:** CLU total package fielding & CLU Retrofit
- **Current:** Javelin has been fielded to more than 95 percent of active duty units; fielding is underway to the National Guard

PROJECTED ACTIVITIES

- **Continue:** Multipurpose Warhead is planned to improve lethality against irregular/soft targets
- **Continue:** CLU total package fielding & CLU Retrofit
- **Continue:** Missile production
- Complete CLU 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)

