JAVELIN

Close Combat Weapon Systems Project Office

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JAVELIN PRODUCT DESCRIPTION

Mission

Provides the Army's Infantry Brigade Combat Teams (IBCT), Armor Brigade Combat Teams (ABCT), Stryker Brigade Combat Teams (SBCT), USMC Battalions, and Allied Forces 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. Missile soft launch permits firing from enclosures commonly found in complex urban terrain. The Command Launch Unit (CLU) provides stand alone all weather and day/night surveillance capability ideally suited for infantry operations in Afghanistan.

Characteristics/Description

- 48.8 pounds (Block I) System Weight
- Missile: 64x64 I2R Staring Focal Plane Array (FPA)
- CLU: 240x2 Imaging Infrared Seeker (I2R) Scanning FPA
- Enhances Battlefield Surveillance
- Fire-and-Forget capability provides increased gunner survivability

Capabilities/Improvements

- High lethality against Advanced Armor
- Fire-and-Forget/Top & Direct Attack
- Soft Launch (Fire from Enclosure)
- Range 2500 Meters (Qualified), 3500 Meters (Predicted)
- MPWH provides improved capability against non-armored targets & current lethality against traditional armored threats (Planned FY15 proc implementation)
- Cost Reduction Initiative missile includes uncooled seeker and guidance electronics unit (Planned FY18 proc implementation)

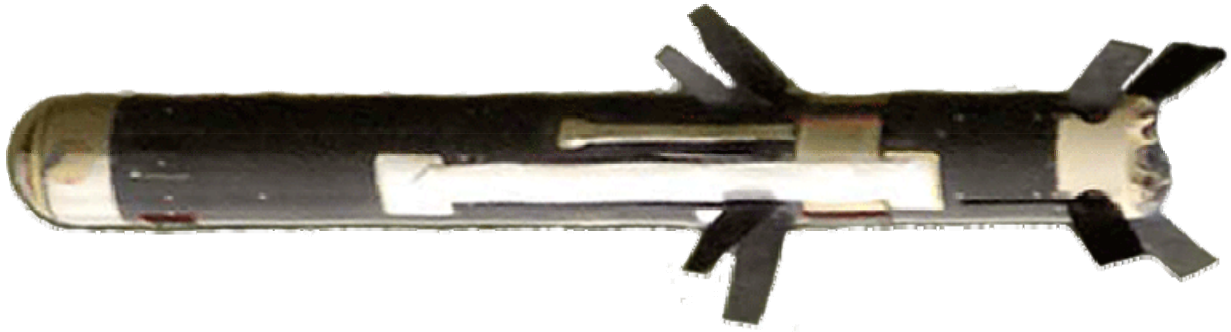
Special Features

- Multi-purpose warhead defeats a variety of targets
- Man-portable
- Fire and Forget

JAVELIN WEAPON SYSTEM

JAVELIN COMMAND LAUNCH UNIT (CLU)

JAVELIN MISSILE



JAVELIN
EFFECTIVE IN COMBAT OPERATIONS

Over 2,000 Missiles Expended in Combat Operations

- **CLU used extensively for surveillance prior to units crossing Line of Departure**
  - Call for and adjust indirect fire
  - Call in of CAS and used in BDA
- **Javelin became all-purpose weapon of choice to engage:**
  - Buildings, bunkers
  - Mortar positions
  - Heavy armor, APCs and boats
  - Snipers
- **Fire-and-Forget enabled gunner to destroy numerous targets in one engagement**
- **Soft Launch mode is highly effective in urban fight**
- **Predominately carried on vehicles, not man-packed**

Marines at Kandahar

"He stood at the crossroads in northern Iraq waiting for oncoming tanks with a Javelin anti-tank weapon in his hands. With him were a few other Special Forces soldiers. It was no contest."

U.S. Army Special Forces Command

The soldier had never before fired a Javelin and had only 20 minutes of instruction and two hours of Simulator Training before this mission.

"The only Al-Qaeda fighter we captured was because of a CLU."

BN Cdr, 10187 In, 101st AASLT