

# Line-of-Sight Anti-Tank (LOSAT)

Enhances protection for light infantry forces with highly lethal, accurate missile fire, effective against heavy armor systems and field fortifications at ranges exceeding tank main gun range.



## DESCRIPTION AND SPECIFICATIONS

The Line-of-Sight Anti-Tank (LOSAT) weapon system brings to battle a lighter, more mobile and lethal weapon system. It consists of four hypervelocity kinetic-energy missiles (KEM) and a second-generation forward looking infrared (FLIR)/TV acquisition sensor, mounted on an air-mobile High Mobility Multipurpose Wheeled Vehicle (HMMWV) chassis. Key LOSAT advantages include:

- KEM overmatch lethality, which defeats all anticipated future armored-combat vehicles and hardened high-value targets, including bunkers and reinforced urban structures
- Extended range greater than all armor gun systems
- Deployability, including UH-60L sling load and C-130 air drop
- Compatibility with early-entry forces

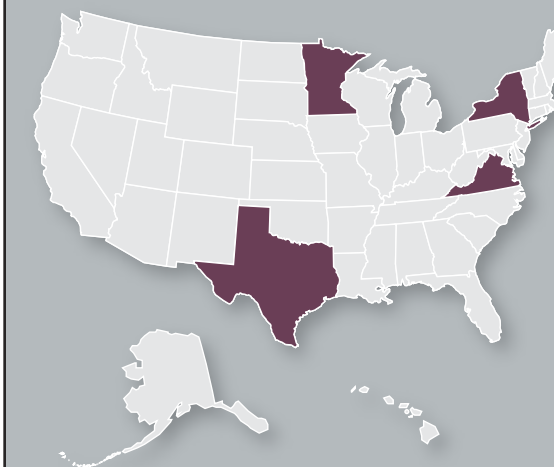
LOSAT also provides increased survivability and countermeasure effectiveness and will operate to the maximum range of direct-fire combat engagements, providing dramatically increased rates of fire and enhanced performance under day and night, adverse weather, and obscured battlefield conditions.

## PROGRAM STATUS

- Near complete with advanced concept technical demonstration plus activities
- Successful limited user test system evaluation report
- HAC-D deletes \$71M of LOSAT FY 05 procurement with language "recommending" program termination. Conference concurs, leaving \$15M for "program termination."
- Army Senior Leadership adopts new cost position of 18 fire units and 234 missiles and solicits Congressional Committee approval.
- **FY05** New Army cost position includes an increase of \$30M.

## PROJECTED ACTIVITIES

- **FY05** Conduct transition proposal technical evaluation for refurbishment of fire units
- **FY05** Analyzing limited user test corrective actions
- **2QFY05** Milestone C, low-rate initial production (LRIP)
- **4QFY05** LRIP contract
- **2QFY07** Initial operational test and evaluation
- **4QFY07** First unit equipped



## CONTRACTORS

- Missiles and Fire Control:** Lockheed Martin (Grand Prairie, TX)
- Electro-Optical System:** Raytheon (Plano, TX)
- Inertial Measurement Unit:** Honeywell (Minneapolis, MN)
- C02 Pulsed Laser and Field Tactical Trainer:** BAE Systems (Austin, TX; Long Island, NY)
- Altitude Control Motors:** ARC (Gainesville, VA)

## INVESTMENT COMPONENT

Modernization

## ACQUISITION PHASE

- System Development and Demonstration

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