

Armored Knight

Performs 24-hour terrain surveillance, target acquisition, target location, and fire support Combat Observation Lasing Team mission execution in Heavy and Infantry Brigade Combat Teams.

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

Description & Specifications

The M1200 Armored Knight provides precision strike capability by locating and designating targets for both ground- and air-delivered laser-guided ordnance and conventional munitions. It replaces the M707 Knight High Mobility Multipurpose Wheeled Vehicle (HMMWV base) and M981 Fire Support Team Vehicles used by Combat Observation Lasing Teams (COLTs) in both the Heavy and Infantry Brigade Combat Teams. It operates as an integral part of the brigade reconnaissance element, providing COLT and fire support mission planning and execution.

The Armored Knight is a M1117 Armored Security Vehicle (ASV)-based platform providing enhanced survivability and maneuverability. The system includes a full 360-degree armored cupola and integrated Knight Mission Equipment Package

(MEP) that is common with the M7 BFIST/M707 Knight and the Stryker Fire Support Vehicle. The common components are:

- FS3 mounted sensor
- Targeting Station Control Panel
- Mission Processor Unit
- Inertial Navigation Unit
- Defense Advanced Global Positioning System Receiver (DAGR)
- Power Distribution Unit
- Stand-alone Computer Unit

Other Armored Knight specifications include the following:

- Crew: Three COLT members
- Combat loaded weight: Approximately 15 tons
- Maximum speed: 63 mph
- Cruising range: 440 miles
- Target location accuracy: <20 meters CEP

Program Status

- **4QFY06:** Approval to begin production of Armored Knight to replace the HMMWV chassis Knight

Projected Activities

- **FY07:** Complete design/integration/verification and begin production
- **4QFY07:** Provide five Armored Knights in support of 10th Mountain Division ONS
- **3Q-4QFY08:** Delivery and fielding to 1st Cavalry, 3rd Infantry Division, 1st Infantry Division, and 82nd Airborne Division
- **FY09:** Continue delivery and fielding

ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support

Armored Knight

FOREIGN MILITARY SALES

None

CONTRACTORS

Prime:

**Precision targeting systems
production/vehicle integration:**
DRS Sustainment Systems, Inc. (DRS-SSI)
(St. Louis, MO; West Plains, MO)

Subcontractors:

System cables:

DRS Laurel Technologies (Johnstown, PA)

Common display unit:

DRS Tactical Systems (Melbourne, FL)

Slip ring:

Airflyte Electronics Co. (Bayonne, NJ)

Targeting station control panel:

Oppenheimer (Horsham, PA)

Major GFE/GFM contractors:

M1117 ASV Hull:

Textron Marine & Land Systems (New Orleans, LA)

Crew: 3
GVW: 29,560 lbs.
Speed: 63 mph
Range: 440 miles

