

# M1200 Armored Knight

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Assists Heavy and Infantry Brigade Combat Teams (HBCTs and IBCTs) in performing terrain surveillance, target acquisition and location, and fire support for combat observation lasing team missions.

DESCRIPTION

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 HBCTs and IBCTs. It operates as an integral part of the brigade reconnaissance element, providing COLT and fire support mission planning and execution.

The M1200 Armored Knight is built on an M1117 Armored Security Vehicle (ASV) chassis and includes an armored cupola capable of 360-degree rotation and an integrated Mission Equipment Package (MEP). The MEP includes: a cupola-mounted Fire Support Sensor System (FS3), Targeting Station Control Panel, Mission Processor Unit (MPU), Inertial Navigation Unit (INU), Defense Advanced Global Positioning System Receiver (DAGR), Power Distribution Unit, Rugged Handheld Computer (RHC2), 3 Channel Ground to Air Radio Systems (SINCGARS), Force XXI Battle Command Brigade and Below (FBCB2) or Blue Force Tracker (BFT), Driver's Display Unit (DDU), and Vehicle Intercom System (VIS).

The mission equipment package includes: Fire Support Sensor System (FS3) mounted sensor, Targeting Station Control Panel, Mission Processor Unit, Inertial Navigation Unit, Defense Advanced Global Positioning System Receiver (DAGR), Power Distribution Unit, Rugged Hand-Held Computer Unit (RHC) Forward Observer Software (FOS).

Other M1200 Armored Knight specifications:

- Crew:** Three COLT members
- Combat loaded weight:** Approximately 15 tons
- Maximum speed:** 63 miles per hour
- Cruising range:** 440 miles
- Target location accuracy:** less than 20 meters circular error probable

SYSTEM INTERDEPENDENCIES

**In this Publication**  
Advanced Field Artillery Tactical Data System (AFATDS), Force XXI Battle Command Brigade and Below (FBCB2)

**Other Major Interdependencies**  
Fire Support Sensor System (FS3), Forward Observer Software (FOS)

PROGRAM STATUS

- **FY12:** Cumulative total of 414 M1200 Armored Knight vehicle systems produced out of 465 vehicle systems procured out of Army Acquisition Objective (AAO) of 465 systems

PROJECTED ACTIVITIES

- **FY13:** Last 51 M1200 Armored Knights produced to meet AAO of 465
- **FY14:** M1200 system sustainment begins

ACQUISITION PHASE

Technology Development	Engineering & Manufacturing Development	Production & Deployment	Operations & Support
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## M1200 Armored Knight

### FOREIGN MILITARY SALES

None

### CONTRACTORS

#### M1117 ASV Hull:

Textron Marine & Land Systems  
(New Orleans, LA)

#### Precision Targeting Systems

#### Production/Vehicle Integration:

DRS Sustainment Systems, Inc.  
(St. Louis, MO; West Plains, MO)

#### FS3 Sensor:

Raytheon (McKinney, TX)

#### Inertial Navigation Unit:

Honeywell (Clearwater, FL)

#### Common Display Unit:

DRS Tactical Systems (Melbourne, FL)

