

Common Remotely Operated Weapon Station (CROWS)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



MISSION

To protect the gunner inside various armored vehicles, including the up-armored High Mobility Multipurpose Wheeled Vehicle, while providing mobile, first-burst engagement of targets day or night.

DESCRIPTION

The XM153 Common Remotely Operated Weapon Station (CROWS) consists of a weapon mount, display, and a joystick controller. Within the mount are a day camera, thermal camera, laser rangefinder, and fiberoptic gyroscopes. CROWS uses input from these sensors to calculate a ballistic solution to a target seen on the display. The Soldier uses the joystick controller to operate CROWS and engage the enemy from within the safety of the vehicle. CROWS operates with current weapons. It features:

- Three-axis stabilized mount that allows firing on the move.
- Auto Target Tracking to help the operator lock on target.

SYSTEM INTERDEPENDENCIES

CROWS mounts the MK19, M2, M240B, or M249 machine guns

PROGRAM STATUS

- **4QFY07:** Full and open competitive five-year indefinite delivery/indefinite quantity contract to Kongsberg Defence and Aerospace for up to 6,500 systems
- **Ongoing:** Deliveries; Over 3,500 systems on order
- **Current:** Fielding in support of several urgent materiel releases on various platforms.
- **Ongoing:** Additional vehicle integrations and testing.

PROJECTED ACTIVITIES

- **Continue:** fielding and sustainment of systems with urgent materiel release
- **3QFY09:** Production verification test start
- **FY10:** Type classification standard

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

Common Remotely Operated Weapon Station (CROWS)

FOREIGN MILITARY SALES

None

CONTRACTORS

Kongsberg Defence & Aerospace
(Johnstown, PA)

MICOR Industries, Inc. (Decatur, AL)

