

Countermine

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



MISSION

To provide Soldiers and maneuver commanders with a full range of countermine capabilities, plus immediate solutions to counter improvised explosive devices (IEDs) and other explosive hazards.

DESCRIPTION

The Countermine product line comprises several different systems:

- The Airborne Surveillance, Target Acquisition and Minefield Detection System (ASTAMIDS) puts a small, multi-spectral sensor payload on aerial platforms.
- The Ground Standoff Mine Detection System Future Combat Systems (GSTAMIDS FCS) provides mine detection, marking and neutralization for FCS countermine vehicles.
- The AN/PSS-14 Mine Detecting Set is a handheld multisensor mine detector.
- The Area Mine Clearance System (AMCS) is a flail system that destroys all types of landmines

- The HMDS upgrades the Husky mine detection vehicle with a ground penetrating radar
- The Autonomous Mine Detection System (AMDS) will detect, mark and neutralize hazards from a small, robotic platform.
- The Vehicle Optics Sensor System (VOSS) is a multisensor camera system for route clearance and explosive ordnance disposal (EOD) operations.
- The Improved Explosive Device (IED) Interrogation Arms provides greater capabilities for investigating suspected IEDs.
- The EOD equipment product line provides capabilities such as the Man Transportable Robotic System (MTRS) and dual use blasting machines.

SYSTEM INTERDEPENDENCIES

ASTAMIDS, GSTAMIDS FCS, AMDS

PROGRAM STATUS

- **3QFY09:** AN/PSS-14 full-rate production and Army-wide fielding continues through FY15
- **3QFY09:** VOSS Phase 2 production contract award and fielding

- **3QFY09:** HMDS production and fielding
- **4QFY09:** ASTAMIDS flight testing on manned UH-1 and Fire Scout Unmanned Aerial System (UAS)

PROJECTED ACTIVITIES

- **1QFY10:** ASTAMIDS combined flight test (CFT) and CDR
- **1QFY10:** MTRS full rate production and Army-wide fielding continues through FY15
- **2QFY10:** AMCS Milestone C
- **2QFY10:** MTRS production
- **4QFY10:** ASTAMIDS Milestone C and low-rate initial production (LRIP)
- **4QFY10:** AMDS technology development contract award

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

Countermine

FOREIGN MILITARY SALES

4QFY09: IED Interrogation Arm to the Royal Netherlands Army; VOSS to Canadian Army

CONTRACTORS

AN/PSS-14:

L-3 CyTerra Corp. (Waltham, MA; Orlando, FL)

ASTAMIDS:

Northrop Grumman Integrated Systems (Melbourne, FL)

GSTAMIDS FCS:

BAE Systems (Austin, TX)

VOSS:

Gyrocac Systems LLC (Sarasota, FL)

IED Interrogation Arm:

FASCAN International (Baltimore, MD)

HMDS:

NIITEK (Sterling, VA)

