

# Countermine

Provides Soldiers and maneuver commanders with a full range of countermine capabilities and immediate solutions to counter improvised explosive devices (IEDs).

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



## Description & Specifications

The Countermine program seeks immediate solutions to the problem of improvised explosive devices (IEDs) being used against U.S. personnel in Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF). The program comprises several different systems:

- The Airborne Surveillance, Target Acquisition and Minefield Detection System (ASTAMIDS) is a Future Combat Systems (FCS) complementary program that detects minefields and obstacles from aerial platforms.
- The Ground Standoff Mine Detection System (GSTAMIDS) is an FCS complementary program that will provide mine detection, marking, and neutralization capabilities on Multifunction Utility/Logistics Equipment (MULE) countermine (CM) vehicles.
- The AN/PSS-14 Mine Detecting Set is a handheld multi-sensor mine detector being fielded Army-wide.

- The Area Mine Clearance System (AMCS) Foreign Comparative Test Program has two candidates: the Aardvark Mark IV and the Hydrema 910 mine clearing vehicles.
- The Vehicle Optics Sensor System (VOSS) will provide multi-sensor camera systems for route clearance and explosive ordnance disposal operations in Iraq and Afghanistan.
- Ferret Interrogation Arms for Route Clearance vehicles will provide greater capabilities for investigating suspected IEDs.
- **3QFY06:** GSTAMIDS FCS integrated baseline review
- **3QFY06:** Transitioned program management of Route Clearance vehicles to Project Manager Assured Mobility Systems
- **1QFY07:** ASTAMIDS component level critical design review
- **1QFY07:** AN/PSS-14 full rate production; Army-wide fielding continues
- **1QFY07:** Contract award for VOSS Phase 1 production contract

## Program Status

- **2QFY05–2QFY06:** Fielded Buffalo Heavy Mine Protected Vehicles, RG-31 Medium Mine Protected Vehicles, and Interim Vehicle Mounted Mine Detectors for urgent operational needs in OIF and OEF
- **2QFY06:** AN/PSS-14 full rate production contract awarded
- **3QFY06:** ASTAMIDS preliminary design review
- **2QFY07:** AMCS Foreign Comparative Test
- **3QFY07:** VOSS Phase 2 production contract award
- **3QFY07:** AMCS Milestone C
- **2QFY08:** GSTAMIDS FCS critical design review
- **2QFY09:** ASTAMIDS Milestone C and low rate initial production decision

## Projected Activities

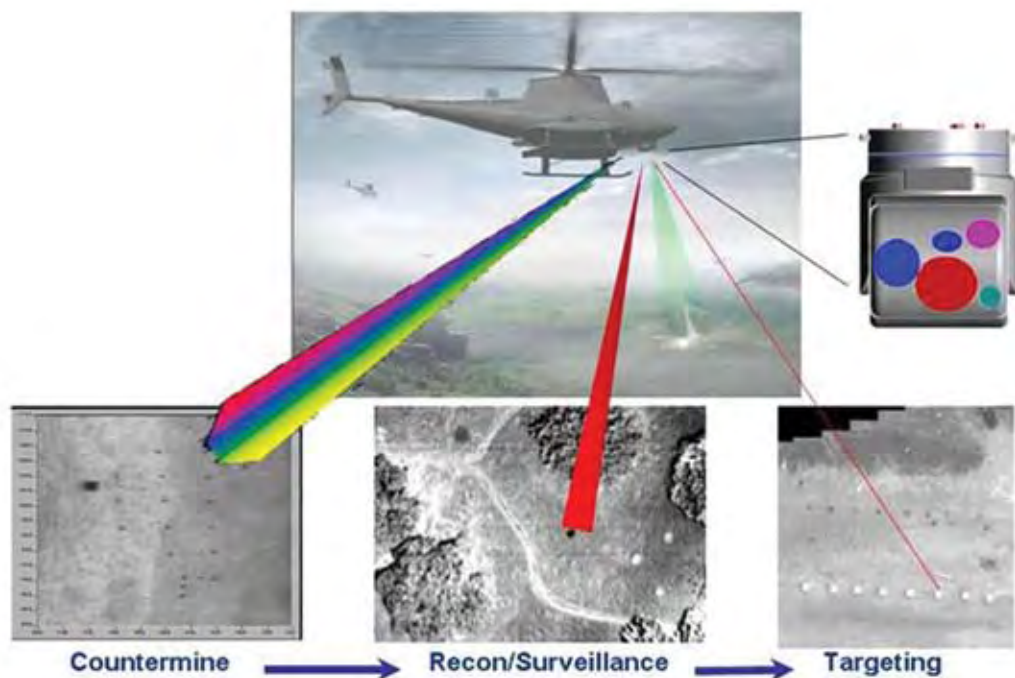
## ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support



## Countermine

### FOREIGN MILITARY SALES

None

### CONTRACTORS

#### AN/PSS-14:

CyTerra Corp. (Waltham, MA; Orlando, FL)

#### GSTAMIDS FCS:

BAE Systems (Austin, TX)

#### ASTAMIDS:

Northrop Grumman (Melbourne, FL)

#### VOSS:

Gyrocam Systems LLC (Sarasota, FL)

