

Air/Missile Defense Planning and Control System (AMDPCS)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

To provide an automated command and control system that integrates Air and Missile Defense planning and operations for Air Defense Airspace Management (ADAM) systems, Air Defense Artillery (ADA) Brigades, and Army Air and Missile Defense Commands (AAMDCs).

DESCRIPTION

The Air/Missile Defense Planning and Control System (AMDPCS) is an Army Objective Force system that provides integration of Air and Missile Defense (AMD) operations at all echelons. AMDPCS systems are deployed with ADAM Systems, ADA Brigades, and AAMDCs.

ADAM provides the commanders of Brigade Combat Teams (BCTs), fires brigades, combat aviation brigades, and division and corps tactical operations systems with situation awareness of the airspace, the third dimension of the battlefield. ADAM provides collaboration and staff planning capabilities through the Army Battle Command System and operational

links for airspace coordination with joint, interagency, multi-national, and coalition forces.

AMDPCS in ADA Brigades and AAMDCs provide expanded staff planning and coordination capabilities for integrating defense of the air battlespace.

AMDPCS includes shelters, automated data processing equipment, tactical communications, standard vehicles, tactical power, and software systems for force operations and engagement operations including Air and Missile Defense Workstation (AMDWS) and Air Defense System Integrator (ADSI).

AMDWS is a staff planning and battlespace situational awareness tool that provides commanders with a common tactical and operational air picture. ADSI is a fire-control system that monitors and controls air battle engagement operations by subordinate or attached units.

SYSTEM INTERDEPENDENCIES

None

PROGRAM STATUS

- **4QFY08:** ADAM full materiel release and full-rate production decision
- **4QFY08:** Fielding one ADA brigade and 18 ADAMs procured in FY08
- **1QFY09:** Completed FY08 reset of 26 ADAMs

PROJECTED ACTIVITIES

- **4QFY09:** Fielding three ADA Brigades and 46 ADAMs procured in FY09
- **4QFY09:** Field ADSI Version 15.0 with 3D display
- **2QFY10:** Field AMDWS Versions 6.5 with software Block 3 capabilities

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

Air/Missile Defense Planning and Control System (AMDPCS)

FOREIGN MILITARY SALES

None

CONTRACTORS

Northrop Grumman (Huntsville, AL)
Ultra, Inc. (Austin, TX)

