

Forward Area Air Defense Command and Control (FAAD C2)

Collects, digitally processes, and disseminates real-time target tracking and cueing information, common tactical air picture, and command, control, and intelligence information to all short-range air defense weapons.



DESCRIPTION AND SPECIFICATIONS

Forward Area Air Defense Command and Control (FAAD C2) is a battle management and command, control, communications, computers, and intelligence system. Unique FAAD C2 software provides mission capability, such as critical command and control, situational awareness, and automated air track information, by integrating FAAD C2 engagement operations software and interfacing with the following systems:

- Joint Tactical Information Distribution System (JTIDS)
- Single Channel Ground and Airborne Radio System
- Enhanced Position Location Reporting System
- Global Positioning System
- Airborne Warning and Control System
- Sentinel
- Army Battle Command System

FAAD C2 supports air defense weapon systems engagement operations by tracking friendly and enemy aircraft, cruise missiles, and unmanned aerial vehicles, and linking to other Army battle command systems and weapons, such as Avenger, Bradley Linebacker, man-portable air defense systems, and joint and combined arms.

FAAD C2 provides joint command and control interoperability and horizontal integration with all other air defense artillery systems, including:

- Surface Launched Advanced Medium Range Air-to-Air Missile (SLAMRAAM)
- PATRIOT
- Theater High Altitude Area Defense (THAAD)
- Medium Extended Air Defense System (MEADS)
- Joint Tactical Air Ground Station (JTAGS)
- Mobile Tactical High Energy Laser (MTHL)

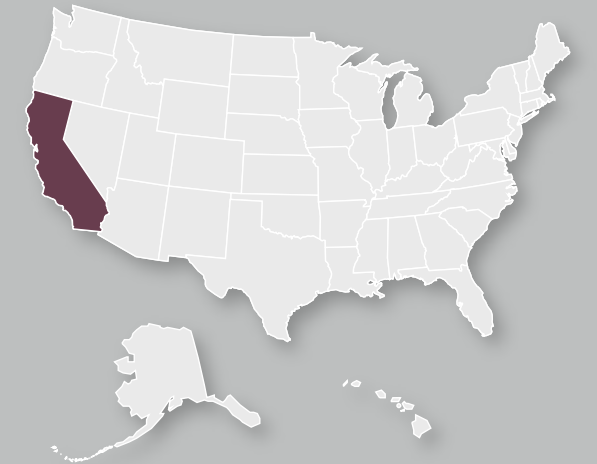
FAAD C2 is the first system to digitize for the 4th Infantry Division and III Corps.

PROGRAM STATUS

- **2QFY01** Materiel release of FAAD C2 version 5.1 software
- **3QFY01** Completed version 5.2 software SCT
- **1QFY02** Participated in Division Capstone Exercise 2 at Ft. Hood, TX
- **2QFY02** Completed version 5.2 software Limited User Test
- **4QFY03** Version 5.3 delivery to government with beyond visual range engagement
- **FY03** Version 5.2. upgrade to homeland defense units
- **2QFY04** Fielding to 3-265 Florida Army National Guard
- **3QFY04** Materiel release version 5.2
- **4QFY03** Initial version 5.4a delivery beyond visual range
- **4QFY04** Fielding to 2-263d South Carolina Army Reserve National Guard

PROJECTED ACTIVITIES

- **2QFY05** FAAD C2 V5.2 materiel release
- **2QFY05** Participate in Clear Skies VI
- **2QFY05** Expedited release of FAAD C2 V5.4A in support of 1-44 ADA AMD BN activation
- **2-3QFY05** Participate in Joint Red Flag/Roving Sands
- **2-4QFY05** Field ADAM-4 to 2CR Stryker Brigade Combat Team-4
- **1-2QFY06** Field ADAM-5 to 2/25ID Stryker Brigade Combat Team-5



CONTRACTORS

Software: Northrop Grumman Mission Systems (Redondo Beach, CA)

INVESTMENT COMPONENT

Modernization

ACQUISITION PHASE

- Production and Deployment