

Army Airborne Command and Control System (A2C2S)

Enables commanders from the brigade through theater level to perform battle command functions from an airborne platform through continuous situational awareness and robust communications.

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



DESCRIPTION AND SPECIFICATIONS

The Army's UH-60L Black Hawk (and newer models) hosts the Army Airborne Command and Control System (A2C2S). The A2C2S consists of all aircraft modifications, antennas, and communications and electronic components enabling battle command on an airborne platform. The A2C2S provides operator workstations, computer and network systems, and necessary security devices to host and support the digital battle command process. The A2C2S is capable of operations on both SIPR and NIPR networks and hosts the Army Battle Command System programs for situational awareness, maneuver, effects, and intelligence data and collaboration. Data transport is provided by the Ku-band Satellite terminal and Blue Force Tracking-

Aviation. A2C2S voice communications consist of Combat Net Radios and High Frequency SATCOM with DAMA and IRIDIUM. The One System Remote Video Terminal provides real-time video and telemetry from the Shadow Tactical Unmanned Aerial Vehicle System. Civil Land Mobile Radio enhances communications interoperability with state and local agencies in a homeland defense or disaster situation.

The A2C2S is fielded to the Command Aviation Companies (CAC) of the General Support Aviation Battalions in the Combat Aviation Brigades and Theater Aviation Brigades of the Modular Force.

Program Status

- **FY05:** A2C2S v1.0 fielded to 4th Infantry Division (ID), 101st Air Assault (AA), and 10th Mountain Division
- **FY06:** A2C2S v1.0 fielded to 25th ID and 1st Cavalry Division, and 36th Combat Aviation Brigade (CAB)

Projected Activities

- **FY07:** A2C2S v1.1 fielded to 82nd Airborne, 1st ID, 3rd ID, 101st AA, and 12th CAB
- **FY07:** Complete developmental and operational test activities
- **1QFY08:** Full rate production decision; fielding to the Active Duty and National Guard CABs
- **FY09:** Fielding to National Guard CABs and to Theater Aviation Brigades

ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support

Army Airborne Command and Control System (A2C2S)

FOREIGN MILITARY SALES

None

CONTRACTORS

Joint Venture Yulista SES-I (Huntsville, AL)

Boeing (Philadelphia, PA)

Program support:

Prototype Integration Facility (Redstone Arsenal, AL)

Aviation Applied Technologies Directorate (Ft. Eustis, VA)

