

# ➤ Air Surveillance and Precision Approach and Radar Control System (ASPARCS)

## DESCRIPTION

The ASPARCS is the next-generation expeditionary Air Traffic Control (ATC) equipment that will replace legacy expeditionary equipment with HMMWV-mounted radars and a CAC2S-based communication and control suite. It will provide an all-weather ATC capability for an expeditionary airfield or forward operating base. The AN/TSQ-216 Remote Landing Site Tower (RLST), recently fielded with USMC units, provides a fully expeditionary HMMWV-mounted control tower.

## OPERATIONAL IMPACT

The ASPARCS will provide a mobile, state-of-the-art ATC surveillance and precision approach radar system that significantly reduces tactical and strategic lift requirements. The system will be fully interoperable with

other CAC2S applications, utilize common hardware and software, and be capable of functioning as an ACE command-and-control node. The AN/TSQ-216 RLST provides a fully functional two-position control tower complemented by a robust communications capability. These two programs provide a dynamic expeditionary ATC capability that can be deployed in a package of two C-130 equivalents.

## PROGRAM STATUS

The ASPARCS program will begin developmental testing in FY 2003. Initial operational capability is planned for FY 2005 and full operational capability in FY 2009. The Marine Corps is fielding 12 RLST systems in FY 2003, some directly into the Operation Enduring Freedom theater of operations.

### PROCUREMENT PROFILE:    **FY03**    **FY04**

Quantity:

ASPARCS	0	0
RLST	12	0

### DEVELOPER/MANUFACTURER

ASPARCS-Lockheed Martin  
RLST-Sierra Nevada Corporation