

## ***Expeditionary Air Traffic Control (ATC)***

### ***Description***

The Air Surveillance and Precision Approach and Radar Control System (ASPARCS) is the next generation expeditionary ATC equipment that will replace the currently fielded Marine Air Traffic Control and Landing System (MATCALs) with HMMWV mounted radars and a CAC2S-based communications and control suite. It provides Marine aviation with an all-weather ATC capability in an expeditionary or host nation airfield environment. The AN/TSQ-216 Remote Landing Site Tower (RLST) is a system currently being fielded to provide a fully expeditionary HMMWV mounted control tower.

### ***Operational Impact***

The ASPARCS will provide a HMMWV mounted 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 C2 node. The AN/TSQ-216 RLST will provide a fully functional two-position control tower complemented by a robust communications capability. These two programs provide a dynamic expeditionary ATC capability.

### ***Program Status***

The acquisition strategy to migrate from MATCALs to ASPARCS has been approved. The ASPARCS IOC is scheduled for FY04 and FOC is scheduled for FY09. The RLST will field 12 systems in FY01.

### ***Procurement Profile: FY01 FY02***

Quantity: ASPARCS	0	0
RLST	12	0

### ***Developer/Manufacturer***

ATC-CAC2S – TBD

AN/TSQ-216 RLST – Sierra, NV