

## Terminal Doppler Weather Radar (TDWR)

**PROGRAM/PROJECT:** Terminal Business Service

**LEAD AGENCY:** Federal Aviation Administration (FAA)

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### **SERVICE AREA/INITIATIVE**

- *National Aviation Weather Initiatives:*  
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### **FUNDING**

- *Programmed/Planned (\$'s/FY):* /FY04 /FY05

### **TYPE OF PROGRAM/APPLICATION**

Acquisition/Decision Support

### **SCOPE OF PROGRAM/PROJECT**

- *What's being developed, procured, etc.:* doppler weather radar for installation at 45 high activity airports.
- *How operations will be changed/improved:* better detection of wind parameters indicating convective microbursts, gust fronts, and wind shifts and the capability to disseminate radar derived, real-time, wind warnings and advisories.

### **PROGRAM/PROJECT MANAGEMENT**

- *Basic guidance document for this program:* Federal Acquisition Management System Program/Project Management Plan for the Terminal Doppler Weather Radar
- *Program's verification process:* This program complied with all applicable agency requirements during design, acquisition, and implementation.
- *Method used for end product validation:* This system is routinely certified by FAA technicians.
- *Operational training for the user:* Training is delivered to site personnel, at the site training facility, by FAA Academy instructors in a classroom environment.

### **SCHEDULE/IMPLEMENTATION**

- *Next major program milestone:* N/A
- *Program becomes operational:* TDWR is an operational system.
- *Plans for further improvements:* A Service Life Extension Program (SLEP) is currently being implemented. This SLEP will significantly extend the useful life of the system.