

## Divert Alerts

### **PROGRAM/PROJECT:**

**LEAD AGENCY/COLLABORATING AGENCIES:** Sonalysts, Inc.

**LEAD AGENCY POINT OF CONTACT:** Rip Coleman, Vice President, Aviation and Weather Analysis Systems, Sonalysts, Inc., 860-442-4355, coleman@sonalysts.com

**PROGRAM POINT OF CONTACT:** Same as above.

### **SERVICE AREA (S)/INITIATIVE (S)**

- *National Aviation Weather Initiatives:*  
None

### **FUNDING**

- *Programmed/Planned (\$'s/FY):* /FY03 /FY04

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

R&D/Prototype Demonstration

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

- *What's being developed, procured, etc:* a means of quickly determining when an aircraft has been diverted and displaying that aircraft in such a way as to increase situational awareness for the flight dispatcher.
- *How operations will be changed/improved:* diverted aircraft can now be quickly identified and directed to airports with good landing weather which have adequate maintenance facilities and gate space.

### **PROGRAM/PROJECT MANAGEMENT**

- *Basic guidance document for this program:* Jointly developed Sonalysts, Inc. and United Airlines.
- *Program/Project verification process:* Internal, Sonalysts, Inc. Full program/project verification process includes initial requirements and design specification, coding, test case/plan development, integration testing, and user-conducted alpha/beta testing prior to release. For new products there is also provision for conducting numerous case studies to ensure the accuracy of new data as it is integrated with a virtually unlimited set of worldwide, geo-referenced data sources. Every aspect of software development at Sonalysts, Inc. is conducted under strict configuration management and all code is extensively documented.
- *Method used for end product validation:* As described above, Sonalysts, Inc. software engineering process includes extensive validation testing before implementation.
- *Operational training for the user:* Sonalysts, Inc. provides initial and recurring classroom and hands on training for the wXstation suite of products, including FlightTraX™.

### **SCHEDULE/IMPLEMENTATION**

- *Next major program milestone:* N/A
- *When program will become operational:* Currently available.
- *Plans for further improvements:* N/A