

## Prototype Aviation Collaborative Effort (PACE)

**PROGRAM/PROJECT:** [<http://www.srh.weather.gov/ftproot/sram/pace.htm>]

**LEAD AGENCY/COLLABORATING AGENCIES:** National Oceanic and Atmospheric Administration (NOAA)/National Weather Service (NWS)/Forecast Systems Laboratory (FSL), and the Federal Aviation Administration (FAA)

**LEAD AGENCY POINT OF CONTACT:** Paul Witsaman, Regional Aviation Meteorologist, Southern Region, 817-978-1100 ext. 116, paul.witsaman@noaa.gov

**PROGRAM POINT OF CONTACT:** Thomas Amis, CWSU Fort Worth, 817-858-7523, thomas.amis@noaa.gov; Dennis Rogers, NOAA FSL, 303-497-6933, dennis.m.rogers@noaa.gov.

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

- *National Aviation Weather Initiatives:*  
1: 1 2: 1 5: 1 7: 2

### **FUNDING**

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

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

Product Development

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

- *What's being developed, procured, etc:* a suite of aviation forecast products tailored to the Air Route Traffic Control Center (ARTCC) en-route environment as part of the Traffic Management Unit (TMU) weather requirement definition. The products include convection, icing, turbulence, and ceiling and visibility. One such product is the Tactical Convective Hazard Product (TCHP) that will provide graphical thunderstorm information to decision-makers in an easily understood format.
- *How operations will be changed/improved:* More consistent products will enable better decisions concerning the flow of traffic within the National Airspace System.

### **PROGRAM/PROJECT MANAGEMENT**

- *Basic guidance document for this program:* PACE Concept of Operations Plan.
- *Program/Project verification process:* The Aviation Weather Technology Transfer (AWTT) process will be used.
- *Method used for end product validation:* The Aviation Weather Technology Transfer (AWTT) process will be used.
- *Operational training for the user:* TBD

### **SCHEDULE/IMPLEMENTATION**

- *Next major program milestone:* Evaluated during the 2003 convective season at Dallas/Fort Worth.
- *Program becomes operational:* TBD
- *Plans for further improvements:* TBD