Terminal Ceiling and Visibility (TCV) Product

PROGRAM/PROJECT: Aviation Weather Research Program/Terminal Ceiling & Visibility Product Development Team [http://www.faa.gov/aua/awr/]
LEAD AGENCY/COLLABORATING AGENCIES: Federal Aviation Administration (FAA)/MIT/LL
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SERVICE AREA(S)/INITIATIVE (S)

- ***National Aviation Weather Initiatives*:**
  1: 1

FUNDING

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

TYPE OF PROGRAM/APPLICATION

R&D/Product Development

SCOPE OF PROGRAM/PROJECT

- ***What's being developed, procured, etc:*** *capability to provide forecasts for airports that have problems due to Instrument Meteorological Conditions (IMC) associated with winter storm systems.*
- ***How will operations be changed/improved:*** *allow air traffic operations to anticipate the real-time impact of winter storms on capacity to support strategic and tactical air traffic planning and on safety especially for General Aviation.*

PROGRAM/PROJECT MANAGEMENT

- ***Basic guidance document for this program:*** Terminal C&V Product Development Team Technical Direction.
- ***Program/Project verification process:*** Monthly and quarterly reporting; semi-annual program reviews; science panel reviews; RE&D advisory committee project assessments; use of test beds for evaluations.
- ***Method used for product validation:*** Verification of product improvements via the real-time verification system.
- ***Operational training for the user:*** Hands-on training to be provided to traffic management personnel.

SCHEDULE/IMPLEMENTATION

- ***Next major program milestone:*** FY04: real-time link into ITWS for data acquisition and display of prototype products. Introduce baseline product for the NE C&V project in the winter of 2003/04.
- ***Program becomes operational:*** Transfer the SFO Marine Stratus Forecast System (MSFS) technology to the NWS in the summer 2004.
- ***Plans for further improvements:*** N/A