Weather and Radar Processor (WARP)

PROGRAM/PROJECT: http://www2.faa.gov/aua/ipt_prod/weather/warp/
LEAD AGENCY/COLLABORATING AGENCIES: Federal Aviation Administration (FAA), National Oceanic and Atmospheric Administration (NOAA)/National Weather Service (NWS)
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SERVICE AREA(S)/INITIATIVE(S)

- ***National Aviation Weather Initiatives***:
  N/A

FUNDING

- ***Programmed/Planned ($'s/FY):*** $13.8M /FY03 /FY04

TYPE OF PROGRAM/APPLICATION

Acquisition/Decision Support

SCOPE OF PROGRAM/PROJECT

- ***What's being developed, procured, etc.:*** *an upgraded weather processor and workstation that receives and consolidates weather data from multiple sources (includes WSR-88D) into a single database.* The Weather and Radar Processor (WARP) is being procured to provide an enhanced weather information capability for air traffic controllers, area supervisors, and Center Weather Service Unit meteorologists.
- ***How operations will be changed/improved:*** *will analyze, generate and display specialized, value-added aviation weather products to support en-route air traffic control operations. Permits air traffic controllers to see aircraft and hazardous convective weather on the same scope*

PROGRAM/PROJECT MANAGEMENT

- ***Basic guidance document for this program:*** WARP Operational Requirements Document.
- ***Program/Project verification process:*** FAA Acquisition Management System (AMS) verification process.
- ***Method used for end product validation:*** Products are received from certified vendors or National Weather Service distribution.
- ***Operational training for the user:*** Equipment familiarization is provided prior to installation and operator training is provided during installation.

SCHEDULE/IMPLEMENTATION

- ***Next major program milestone:*** N/A
- ***Program becomes operational:*** WARP is an operational system.
- ***Plans for further improvements:*** Multifaceted product improvement plan has been implemented with this program.