Aviation Weather Services

Weather Acquisition Overview

Presented to: Friends and Partners in Aviation Weather (FPAW)

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Agenda

• FAA Acquisition Management Process
• NextGen Weather Initiatives
• Integrated Program Schedule
• Aviation Weather Services
• Organization Chart
FAA Acquisition Management Process
NextGen Weather Initiatives

• NextGen Weather Processor (NWP)
  – Provides Corridor Integrated Weather System (CIWS), Weather And Radar Processor (WARP) and Radar And Mosaic Processor (RAMP) functionality in a common weather processing infrastructure
  – Provides advanced aviation specific weather information through assimilation of extended NWS forecast models
  – Performs weather translation which will enable use of weather information by automated decision support tools (DSTs)

• NextGen Network Enabled Weather (NNEW)
  – FAA’s platform for universal access to aviation weather and weather translation information
    • Enables integration of weather information into automated DSTs (Convective Weather Avoidance Model for Route Availability Planning Tool (RAPT))
  – Provides common standards for weather to support universal user access to needed weather information
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- Established in October 2009 as the single focal point for weather programs, requirements and weather services
  - Realigned under Technical Operations Business Unit
  - Over 25 programs including portfolios
- Enables a System-wide view of Weather
- Enables a portfolio approach to Weather investments (prioritization)
- More efficient transition of new weather capabilities from research to implementation