Segment 4–Storm Forecasting for Air Traffic

Integration with Air Traffic Management Decision Tools

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ATM-Weather Integration Plan

• Plan complete as of Sep 17
• Delivered to and accepted by the NextGen Executive Weather Panel (the original taskers)
• Results of the year-long project posted on web (see last slide)
• Now implementation begins
Core ATM-Weather Integration Concept

1. With guidance from user community, translate weather into ATM impacts

2. Working inside user community teams, make the ATM impacts part of the DST logic
Example: Translate Wx to Impacts

Precipitation

Echo Tops

Weather Avoidance Field (WAF)

Pilot Deviation Prob

Estimated Airspace Availability

Weather
Example: Impacts into DST Logic

DST: System Enhancements for Versatile Electronic Negotiation (SEVEN)

Capacity “dialed down” iaw impacts forecast
Plan published September 2009

- Available for download from JPDO library page (or shortcut: http://snipurl.com/ryp5s)
- Print with caution—330 pages
- Begin executing the Plan this year
- Update (v2.0) by end of FY10 will document developments