Air Traffic Management - Weather Integration Challenges & Lessons Learned

Open Discussion
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Outline

• AWI is a fundamental assumption
• Why not more of it?
• Lessons Learned
• Challenges Ahead
• How to overcome?
AWI is a Fundamental Assumption

- NRC 1994 “Weather for Those Who Fly”
- REDAC 2007 Report of AWI Working Group
- NextGen: Weather integrated into Decision Support Tools (DSTs)
Why Not More of it?

- Weather radar on air traffic control displays
- Winds used by various systems
  - TFMS, TBFM, ATOP, DOTS+
- RAPT in NY
- Is that it?
Lessons Learned

- It can work
- It takes time
- It involves many players
- The burn factor is always lurking
Challenges Ahead

• Is AWI too difficult?
• Is there a fear of automation?
• When are weather forecasts good enough?
• Do we have the time?
How to Overcome?

• Ideas from you?