



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

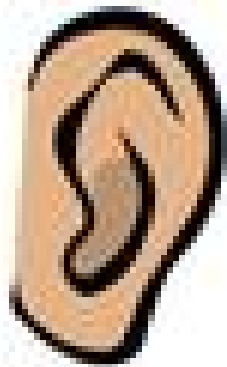
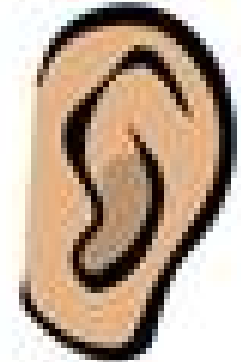
- It can work
- It takes time
- It involves many players
- The burn factor is always lurking

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?



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