

The logo for NextGEN, with "Next" in blue and "GEN" in white, underlined by a yellow arc.

Recent Successes in Weather Technology Transfers

Friend and Partners of Aviation Weather

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FAA

Overview

- Research to Operations (RTO, R2O) is a hot topic these days and for good reason:
 - ✦ Shrinking budgets are forcing research to be more applied than ever
 - ✦ NextGen is constantly pressured to produce results!
 - ✦ Government agencies under considerable scrutiny to answer why it takes so long to transition R2O
 - ✦ Quality research is sitting on a shelf
 - ✦ NWS very focused on O2R, the concept of involving operations folks at the onset of a research initiative

What's up in the FAA

- Research Transition Teams (RTTs)
 - ✦ FAA working with NWS to establish RTTs, following the NASA-FAA RTT process as a model
 - ✦ A small FAA-NWS team was directed to develop a framework for disciplined, but agile, RTT-like R2O process focusing on:
 1. Deliverable(s)
 2. Schedule
 3. Roles & Responsibilities
 4. Cost(s)
 - ✦ Rick Heuwinkel (FAA) and Ming Ji (NWS) appointed to manage process
 - ✦ First RTT to be collaborative effort on C&V improvements
- Helicopter Emergency Medical Services (HEMS) Tool
 - ✦ After many successful years of “operation” at NCAR, HEMS was transitioned to NWS aviationweather.gov several months ago.
 - ✦ Feedback very positive with ample opportunity for improvement as part of NWS infrastructure

What to Look for in Today's Presentations

- What worked and why?
- Were there lessons learned along the way?
- Was there much O2R in the process?
- Is/was Project Management discipline used in the process?