Recent Successes in Weather Technology Transfers

Friend and Partners of Aviation Weather
Date: Aug 26, 2015
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?