Ceiling and Visibility

In-Flight Icing

Paul Herzegh, NCAR
Marcia Politovich, NCAR

Photo Credit: AOPA Air Safety Foundation
Recent & Imminent Near-Term Wins

FIP Severity
- Due for D4 Assessment mid-FY09.

Flight Path Tool V2
- Exp. ADDS FY08.
- Features = V1 + HEMS Tool.
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**FIP Severity**
- Due for D4 Assessment mid-FY09.

**C&V Diagnosis**
- Due for D4 review late FY09.

**Flight Path Tool V2**
- Exp. ADDS FY08.
- Features = V1 + HEMS Tool.
User/Industry Feedback - 1

Improve & expand C&V & Icing data suites:

- Add 0-3 hr C&V forecast.
  (A focused capability for HEMS & GA short-hop flights.)
- Improve in-flight icing resolution from 20 to ~5 km.
- FIP icing grids for Alaska with human-over-the-loop.
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Is there a path to timely release of a 0-3 hr C&V forecast?

Need to explore concept feasibility
- its role toward operational needs (with users),
- its programmatic feasibility (with FAA),
- its technical feasibility (with product developers).
Improve access to data visualization tools....

- Agile Java display of all parameters (icing, C&V, winds, radar, convection, satellite, AIRMETS, SIGMETS, etc.)
- Zoomable, selectable overlays, AGL/MSL vertical section, GIS-enabled.
User/Industry Feedback - 2

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**Flight Path Tool V2 with Vertical Section Capability**
- on Experimental ADDS now
- planned successor to Flt Path V1 & HEMS Tool
- some feature additions not yet in place
- operational release procedure under discussion in FAA
User Feedback Wrap-Up
- User-Provider Partnership Opportunities -

Viability of an accelerated 0-3 hr C&V Forecast?
- Joint discussion among users, FAA & developers useful to examine issues.

Flight Path Tool V2
- User feedback can guide final feature priorities.
- Approval/release process … a parallel discussion within the FAA?