



Agenda

22nd FPAW 2018 Fall Meeting

Orange County Convention Center S320ABC

October 17

1:00 – 1:15 Kickoff (Bruce Carmichael - NCAR, John Kosak - NBAA, Heidi Williams - NBAA, Steve Brown - NBAA)

1:15 – 5:00 Special Session: Round-table on Pilot Weather Information. (Gary Pokodner – FAA) This session will include utility and gaps in weather products for aviation, weather information and notifications to/from pilots, and weather information human factors and training.

1:15 – 2:00 Panel 1 – Pilot Weather Knowledge and Usability of Aviation Weather Information (Gary Pokodner - FAA)

- AOPA Follow-Up study: A Review of CONUS Pilots' Preflight Weather Planning Mental Models (**Beth Blickensderfer - ERAU**)
- GA Pilot Preflight Weather Planning: Weather Products Usability and Limitations (**Jayde King – ERAU**)
- Interactive exercise on user needs and priorities (**Barrett Caldwell - PEGASAS**)
- AOPA survey on weather products and weather briefings (**Rune Duke - AOPA**)

2:00 – 3:00 Panel 2 – Pilot Weather Briefings, Tools, and Services (Beth Blickensderfer - ERAU)

- Self Brief versus Flight Services and consistency of products and processes to determine weather conditions (**William Gough - NOAA**)
- Impacts of Shift to Self-Briefings (**Joe Daniele -Leidos**)
 - o Inability to determine what pilots knew about weather conditions in accidents (**NTSB**)
- New Measures for Assessing GA Pilots' Preflight Weather Planning Mental Models (**Yolanda Ortiz - ERAU**)
- Result of VFR Not Recommended study (**Gary Pokodner - FAA**)
- NTSB perspectives on pilot weather briefing options and needs (**NTSB TBD**)

3:00 – 3:15 BREAK

3:15 – 4:15 Panel 3 – Weather Information and Notifications to/from Pilots (Gary Pokodner - FAA)

- MET Visibility versus Aviation Visibility, Findings from Crowd Sourcing Visibility (**Gary Pokodner - FAA**)
- PIREP Enhancement Efforts (**Brandon Pitts - PEGASAS, Rune Duke - AOPA**)
- Delta Airlines Approach for weather information to pilots in the cockpit (**Bill Watts, Matt Eckstein - DAL**)

- FIS-B Enhancements and movement to MRMS (**Ken Bath - Harris**)
- Fight standards perspectives on PIREP issues and flight deck MET information (**John Steventon - FAA**)

4:15 – 5:00 Panel 4 – Weather Information Human Factors, Guidance, and Training (Beth Blickensderfer**)**

- Brief CAMI Human Factors Summit (**Daniela Kratchounova – FAA**)
- Aviation Weather Education Challenges Using Current FAA Guidance, and issues with outdated guidance (**Tom Guinn - ERAU**)
- Challenges for flight instructors, Training trainers (**Bob Thomas - ERAU**)
- Augmented Reality App for Training and FAA Weather Handbook (**Gary Pokodner - FAA**)

October 18

8:00 – 9:00 The Future of FPAW (Matt Fronzak – MITRE, Matthias Steiner - NCAR)

A discussion about the future of FPAW driven by the results of the survey.

9:00 – 10:15 Aircraft Based Observations (Steve Darr – Dynamic Aerospace, Rocky Stone – United Airlines, Michael McPartland – MIT/LL, Eldridge Frazier – FAA, Matt Fronzak – MITRE). What has happened since the Summer Meeting on standards work and developing a mandate or a business case for implementing the standard? Update other specific topics: TBO, Mode S, ADS Weather.

10:15 – 10:30 Break

10:30 – 12:15 Assessments of Weather Forecasts (Kevin Johnston – FAA, Steve Abelman – American Airlines, Kevin Stone – NWS, Matthew Wandishin - NWS) Panel of Government and Industry Subject Matter Experts will discuss how their organizations assess weather forecast information used and/or provided in their operations. Discussion will include key performance indicators and metrics they track as well as insight to what actions are taken based on the assessments.

12:15 – 1:30 Lunch

1:30 – 4:45 Weather Information Modernization and Transition; NextGen Weather (Pat Murphy - FAA, Kevin Johnston – FAA, Kevin Stone – NWS, Alfred Moosakhanian – FAA). Building a digital database, moving from legacy to digital data and products. **(Include a 30-minute break in the middle of this session.)**