

# **TURBULENCE IMPACT MITIGATION WORKSHOP 2**

## **AGENDA**

### **Day 1**

0800-0810 Intro/Logistics -- Bob Sharman, Project Scientist, National Center for Atmospheric Research (NCAR); Tammy Farrar, Research Meteorologist, Federal Aviation Administration (FAA), NextGen Aviation Weather Division

0810-0840 Welcome -- Edward L. Bolton, FAA Assistant Administrator for NextGen

0840-0900 Recap of Workshop 1/Revisit of "Challenges" -- Steve Abelman, FAA NextGen Aviation Weather Division, Manager Weather Research Branch

### **User Community Perspectives**

0900-0930 Commercial Airline Perspective -- Rocky Stone, United Airlines (UAL), Chief Technical Pilot

0930-1000 National Transportation Safety Board -- Christopher Hart, Acting Chairman, NTSB; Don Eick, Senior Meteorologist, NTSB

*1000-1030 Break and Networking*

1030-1100 Weather Technology in the Cockpit (WTIC) -- Gary Pokodner, FAA NextGen Aviation Weather Division, WTIC Program Manager

1100-1130 Turbulence in the Cabin - The Flight Attendant Perspective -- Candace K. Kolander, Association of Flight Attendants-CWA, Coordinator, Air Safety, Health and Security

*1130-1230 Lunch*

1230-1300 Impact of Turbulence on the National Airspace System -- Matthew Vogel, FAA/Cleveland Air Route Traffic Control Center, Frontline Supervisor

1300-1330 Using Ensemble Models to Forecast Turbulence at the Aviation Weather Center -- Brian Pettegrew, National Oceanic and Atmospheric Administration National Weather Service (NOAA/NWS), Aviation Weather Center

1330-1400 World Area Forecast System (WAFS) -- Matt Strahan, NOAA/NWS, AWC

1400-1430 Initial User Feedback Regarding the Use of EDR Information in Turbulence Forecasts -- Starr McGettigan, FAA NextGen Aviation Weather Division, Engineering Research Psychologist

*1430-1500 Break and Networking*

1500-1630 Open Discussion

## Day 2

0800-0815 Summary of Challenges from Day 1, & Day 2 Overview -- Bob Sharman, Project Scientist, NCAR; Tammy Farrar, Research Meteorologist, FAA, NextGen Aviation Weather Division

### **Observing and Reporting Turbulence – Progress and Challenges**

0815-0845 In situ and remote measurements of turbulence -- Larry Cornman, Project Scientist, NCAR

0845-0915 FAA Flight Standards Turbulence Perspective -- Roger Sultan, FAA/AVS, Aviation Safety Inspector

*0915-0945 Break and Networking*

0945-1015 EDR Performance Standards Recommendations -- Michael Emanuel, FAA, NextGen, Aviation Weather Division, Computer Scientist

1015-1045 Bridge to Nowhere, or Bridge to Success? -- Mark Bradley, Delta Air Lines, Chief Technical Pilot, Industry Activities

1045-1115 EDR Uplink Quantitative Benefits Analysis -- Mike Robinson, AvMet Applications, Inc.

*1115-1215 Lunch*

### **The Future – Challenges and Visions**

1215-1245 Data Access Issues, Human-in-the-loop & Forecasting Challenges -- Tom Fahey and Stephanie Klipfel, Delta Air Lines Meteorology Department

1245-1315 Challenges of Probabilistic Turbulence Forecasting -- Philip Gill, Meteorologist, United Kingdom Met Office

*1315-1345 Break and Networking*

1345-1415 Research Challenges -- Bob Sharman, Project Scientist, NCAR

1415-1445 Airline Industry Future Vision -- Rick Curtis, Southwest Airlines, Chief Meteorologist

*1445-1500 Short Break*

1500-1630 Open Discussion/Wrap Up