FPAW

**Friends and Partners in Aviation Weather**

Agenda for the Spring 2020 FPAW Meeting

15-16 April 2020

**Location:** NTSB Conference Center, 429 L'Enfant Plaza, SW, Washington, DC 20594

**Wednesday, 15 April 2020**

**08:00 – 12:00 Planning of Upcoming FPAW Meetings**

Leads: Matt Fronzak (MITRE) and Matthias Steiner (NCAR)

We will identify topics and session leads for the Fall 2020 FPAW Meeting. We will also look at potential topics for the Spring 2021 FPAW Meeting.

**13:00 – 13:10 Welcome**

Matt Fronzak (MITRE) and Matthias Steiner (NCAR)

**13:10 – 17:00 Weather Reporting in the NAS, Current and Future Needs**

Leads: Gordon Rother (FAA), John Steventon (FAA), Tom Ryan (AvMet Applications)

This session will focus on the certified weather reporting in the NAS and how it might expand. We will have a short discussion on the regulatory language, FAA and NWS roles. We will discuss the needs that still exist and expand the discussion to focus on options currently being evaluated to fill the gaps through either additional observations or model data analysis.

**Thursday, 16 April 2020**

**08:00 – 08:15 FPAW Updates**

Leads: Matt Fronzak (MITRE) and Matthias Steiner (NCAR)

The FPAW Co-Chairs will provide an update on the status of FPAW communications and discuss other organizational and administrative matters.

**08:15 – 08:30 2020 Weather Prize**

Lead: Tim Miner/APA representing the Consortium of Aviation Weather Users (A4A, ADF, ALPA, AOPA, APA, NATCA, NBAA, RCC)

Join us in congratulating a highly-deserving scientist/engineer recipient of the 2020 Weather Prize.

**08:30 – 09:00 ADS-B Wx Update**

Leads: Stephen Darr (Dynamic Aerospace)

This session will provide an update on efforts to implement Automatic Dependent Surveillance – Broadcast (ADS-B) Weather. ADS-B Wx includes the transmittal of aircraft-based observations as automated Air Reports (AIREPs) or semi-automated Pilot Reports (PIREPs) via the ADS-B datalink. In 2020, a new standard for ADS-B V3 will be published that includes requirements and recommendations for ADS-B Wx, with ADS-B Wx capable avionics potentially available and providing signal-in-space within two years. We will discuss the technical standards and community support for ADS-B Wx and what FPAW members can do to educate themselves and support the effort.

**09:00 – 16:00 Review of Federal Aviation Weather Efforts**

Leads: David Chorney (NOAA/OFCM)

This session will provide an overview of operational and research aviation weather activities across federal agencies. In particular, we will highlight research and development efforts in support of providing weather guidance to manned and unmanned aviation. We expect presentations from the Air Force, Navy, NWS, FAA, and other agencies. These agency briefings will be followed by a panel discussion with audience participation. We hope to create a shared situational awareness of the range of activities and identify opportunities to enhance collaboration with and between federal agencies.

**16:00 – 17:00 FPAW Updates**

Leads: Matt Fronzak (MITRE) and Matthias Steiner (NCAR)

The FPAW Co-Chairs will provide additional updates as needed.