

ADS-B Wx White Paper - Distribution

- Initially approach entities who have already supported development & implementation of ADS-B Wx
 - *United Airlines*
 - *Air Line Pilots Association*
 - *Airline Dispatchers Federation*
 - *National Weather Service/Aviation Weather Center*
 - *World Meteorological Organization*
 - *Aircraft Owners and Pilots Association*
 - *Airlines for America*
 - *International Air Transport Association*
 - *FAA Air Traffic Organization Top-5 Safety Team*
 - *FAA NextGen Weather Division*

- Provide cover letter/email with white paper
 - Summarize main points of white paper
 - Summarize recommendations
 - Request for support/recommended action
- Timely follow-ups by both Steve and Elizabeth
- Utilize already established connections for additional support
 - FPAW members
 - Synoptic lobbyists
 - Other

Position Paper 24-01

Friends and Partners in Aviation Weather

25 April 2024

**Statement of Support for Automatic Dependent Surveillance –
Broadcast Weather Implementation**



<https://fpaw.aero>

Background

The Friends and Partners in Aviation Weather (FPAW) is a volunteer professional organization that consists of more than 400 members representing four aviation weather constituencies- users, providers, researchers/engineers/academicians, and regulators.

The FPAW Steering Committee (FPAW SC), comprised of 15 representatives of the four aviation weather constituency groups, is the voice of FPAW. This position paper comes from the FPAW SC and represents the views of FPAW, confirmed through an open member comment and resolution process.

Bottom Line Up Front (BLUF)

Aircraft-based observations provide data critical to numerical weather prediction models and enable rapid updating of forecast products. Recent developments in aircraft surveillance system standards and operational requirements now allow aircraft position surveillance systems to include weather surveillance capabilities. Weather awareness and forecasts enhanced by improved weather surveillance could increase aircraft utility, operational efficiency, and aviation safety, and help to mitigate the significant economic impact of weather events and variability within and beyond the aviation domain.