Weather Data Delivery and Display in the Cockpit

Flight Service/GA Perspective

Presented to: FPAW
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Weather Data Delivery - Voice

Broadcasts:

HIWAS
- Hazardous Inflight Weather Advisory Service - continuous broadcast of inflight weather advisories: AWWs, SIGMETs, Convective SIGMETs, CWAs, AIRMETs, and urgent PIREPs.

ASOS, AWOS
- Continuous broadcast of individual weather observations.

TWEB (AK)
- Transcribed weather broadcast service -- continuous aeronautical and meteorological information on L/MF and VOR facilities.
Weather Data Delivery - Voice

Upon Request:

– Whatever the Pilot Wants!

Plus….

– Whatever weather updates that are pertinent, that the pilot has not yet received.
Weather Data Delivery - Data

DUAT providers
- Weather graphics and text, to PDAs, Smartphones
- Supplement to FSS system

Fee-for-Service providers
- Weather graphics and text, to PDAs, Smartphones, EFBs, portables
Weather Data Delivery – What’s Next?

Weather Data that is –

• Tailored to pilot’s needs
• Tailored to aircraft position