

# Weather Data Delivery and Display in the Cockpit

## Flight Service/GA Perspective

Presented to: FPAW

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Federal Aviation  
Administration



# 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*