

# ASOS Improvements

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# ASOS Improvements - 1

- **Ice Free Wind Sensor (IFW):** Ultrasonic sensor has completed testing and began deployment. Slight delay due to a software error causing false maintenance alerts. Problem has been identified and corrected software expected shortly for testing. Planning to complete deployment by 2nd Quarter 2007.
- **Enhanced Precipitation Sensor (EPI):** Waiting for new firmware. First demonstration did not meet all performance goals. With a successful demonstration, operational testing will follow. Goal of April-May time frame for deployment decision.



# ASOS Improvements - 2

- **New Ceilometer:** Current ceilometer is obsolete and will become hard to maintain. New sensor has been selected and contract being negotiated. Hoping for a 2nd quarter delivery.
- **Future:** Working on next generation of software and sensors that will support the future transportation system.



# ASOS Improvements - 3

- **FAA Work:**

- AWOS: Replacement for ceilometer and visibility sensor. Working on software that will enable the FAA AWOS to operate more like an ASOS/AWSS, to include METAR/SPECI and present weather capabilities.
- RVR: Working with NWS to enable ASOS RVR reporting where equipment is located. Will begin testing new PC based RVR in 2007 for deployment of up to 77 locations.



# NOTES

