

# Segment 3

## Progress in Weather Observations

User Panel Discussion  
Tom Fahey

# Progress in Wx Observations

- ATA Meteorology Committee Perspective

## Item

## Grade/Progress

– METAR Availability	C	/ No Change
– Volcanic Ash	C	/ No Change
– Digital ATIS Winds	D	/ Declining
– PIREPS	B	/ Progress
– Turbulence	C +	/ Some Progress
– Snowfall	D	/ Decline

# Progress in Wx Observations

- METAR Availability [ C No Change]

- International
- Domestic

Thanks to NWS & FAA who help w/ missing data.  
Often problem beyond control of all of us.

## Proposed Plan for Future Improvement

- \*Airlines Role: Provide Timely Problem Notification
- \*NWS & FAA: Provide Domestic stn contact #'s & responsible organization to airlines
- \*NWS & FAA: Review/Develop w/ airlines Int'l procedures for Problem Resolution

# Progress in Wx Observations

- Volcanic Ash [ C No Change]
  - Little or no source info/ too many 2ndary Reports
  - \*Airline Role: Cont. to provide Pireps to NWS  
Aviation Centers in MKC & ANC
  - More accurate detection whatever way psbl
- Digital ATIS Winds [ D Declining]
  - Thought this issue was resolved, appears not
  - Wind Direction shud be magnetic, sometimes not
  - This can be a Flt Safety Issue

# Progress in Wx Observations

- Pireps [ B Progress]
  - 1<sup>st</sup> Priority: Automated Reporting
    - Airline, FAA and NWS share program (MDCRS)
    - General Aviation reporting (TAMDAR)
  - 2<sup>nd</sup> Priority: Manual Dispatch GUI
- Turbulence [ C+ Some Progress]
  - Implement Automated Reporting
  - Continue Research on Airborne Sensors

# Progress in Wx Observations

- Snowfall [ D Decline]
  - Water Equivalent Measurements
  - FAA FSAT with Snowfall Intensity vs. Visibility

# Progress in Wx Observations

- Additional Perspectives: NWA's

## **Item**

## **Grade/Progress**

– Wind Shear

B + / Progress

- TWIP Questionable reports have decreased