

TURBULENCE IMPACT
MITIGATION WORKSHOP 2



Federal Aviation
Administration

FAA Flight Standards Turbulence Perspective

Presented by: Roger Sultan AFS-430

Date: September 4, 2014



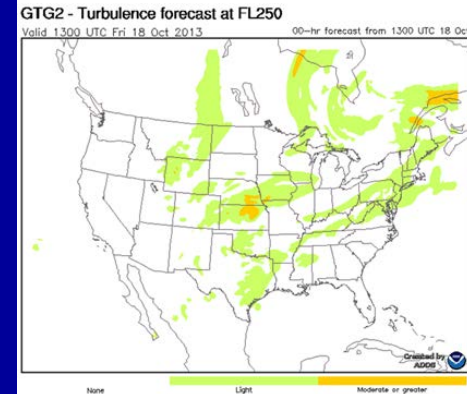
FAA Weather Guidance

AC 00-45G Change 2 Aviation Weather Services

- **Status: Final draft awaiting AFS-1 signature**
- **Information pertinent to turbulence**
 - **Primary/Supplementary terminology**
 - **GTG2 description**
- **Future change: GTG3 information**

AC 00-63A Use of Displays of Digital Weather and Aeronautical Information

- **Status: Published 4/7/14**
- **Information pertinent to turbulence**
 - **Authorization process for data link weather in the cockpit**



FAA Turbulence Guidance

AC 00-24C Thunderstorms

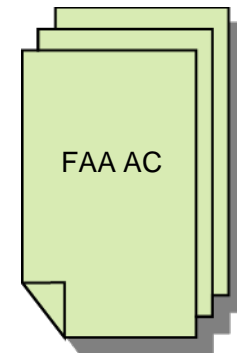
- Status: Published 2/19/13
- Information pertinent to turbulence
 - Convective turbulence

AC 00-30B Atmospheric Turbulence Avoidance

- Status: 9/9/97 Under AFS-400 analysis to determine if an update is necessary

AC 120-88A Preventing Injuries Caused by Turbulence

- Status: Published 11/19/07

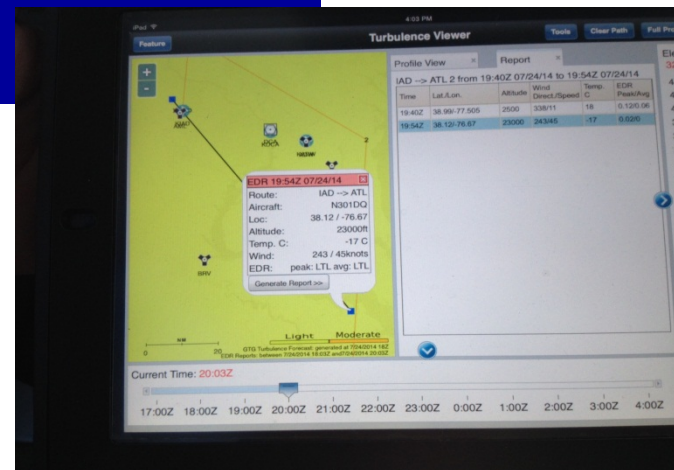


AFS-400 Turbulence Activities

SME support to WTIC

AVS Sponsored Aviation Weather Research

- *FY'15 – 500K planned for EDR standards research*
- *FY'16 – 1000K planned for EDR standards research*



AFS-400 Turbulence Activities

PIREPS

- InFO 14011 published 8/21/14

Severe EDR reports dissemination into the NAS

- Safety critical
- Internal FAA discussions reference §121.561



U.S. Department of Transportation
Federal Aviation Administration

http://www.faa.gov/other_visit/aviation_industry/airline_operators/airline_safety/info

An InFO contains valuable information for operators that should help them meet certain administrative, regulatory, or operational requirements with relatively low urgency or impact on safety.

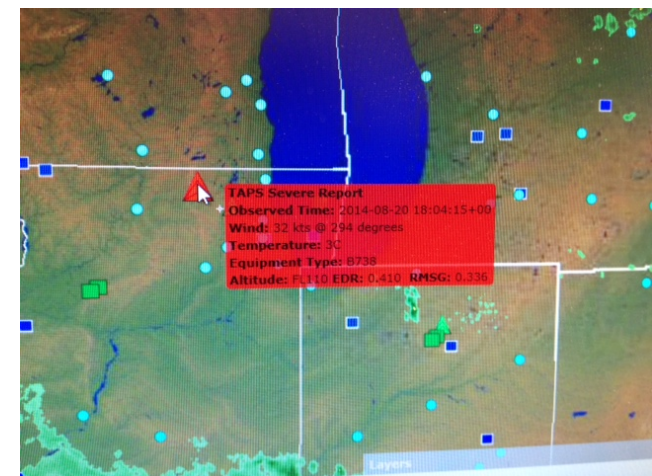
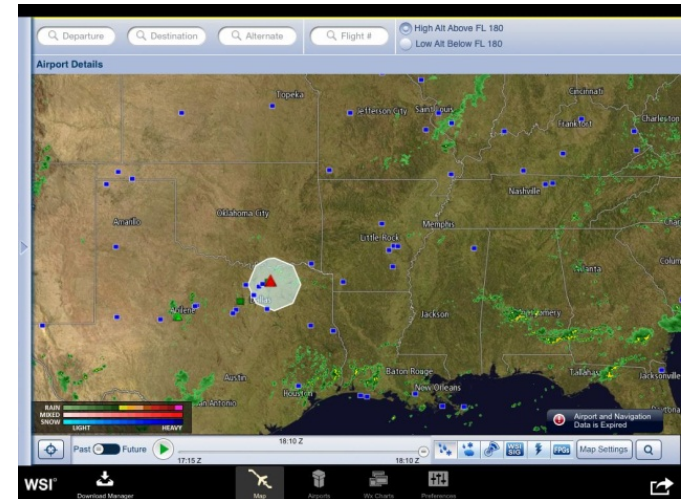
Subject: Electronic Submission of Pilot Weather Reports (PIREP)

InFO

Information for Operators

InFO 14011
DATE 8/21/14

Flight Standards Service
Washington, DC



Federal Aviation Administration

Contact Information

- Roger Sultan
 - FAA /AFS-430
 - roger.sultan@faa.gov
 - Ph. (202) 267-8922

