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
PIREPS

- InFO 14011 published 8/21/14

Severe EDR reports dissemination into the NAS

- Safety critical
- Internal FAA discussions reference §121.561
Contact Information

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