

Turbulence Information Needs

Presented to: Friends/Partners in Aviation Weather

By: Debi Bacon, Staff Specialist

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Federal Aviation
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Turbulence JSAT/JSIT

- **The Commercial Aviation Safety Team (CAST) chartered the turbulence Joint Safety Analysis Team (JSAT) and then Joint Safety Implementation Team (JSIT) over a several year period.**
- **The results of the JSIT were published in July 2004 and contained four projects and three R&D efforts to reduce or mitigate the effects of turbulence.**



Turbulence JSIT Projects

- **Implement Best Practices for Turbulence Avoidance**
- **Improve the Quality of Turbulence Information**
- **Enhanced Airborne Turbulence Warnings**
- **Implement Cabin Injury Reduction During Turbulence**
 - Active In-flight Turbulence Mitigation (R&D)
 - Enhanced Airborne Turbulence Warnings (R&D)
 - Reduce Cabin Injuries During Turbulence (R&D)



Update on Progress

- **Only “Implement Cabin Injury Reduction During Turbulence” is on the active CAST list. It includes:**
 - Develop best practices for policies, procedures, training and flight crew/cabin crew communications to minimize cabin occupant exposure to turbulence.
 - Document best practices into Advisory Circular
 - Revise procedures, develop training, implement annual recurrent training for flight and cabin crews.
- **Safety Enhancement Reserved for Future Implementation (SERFI)**

