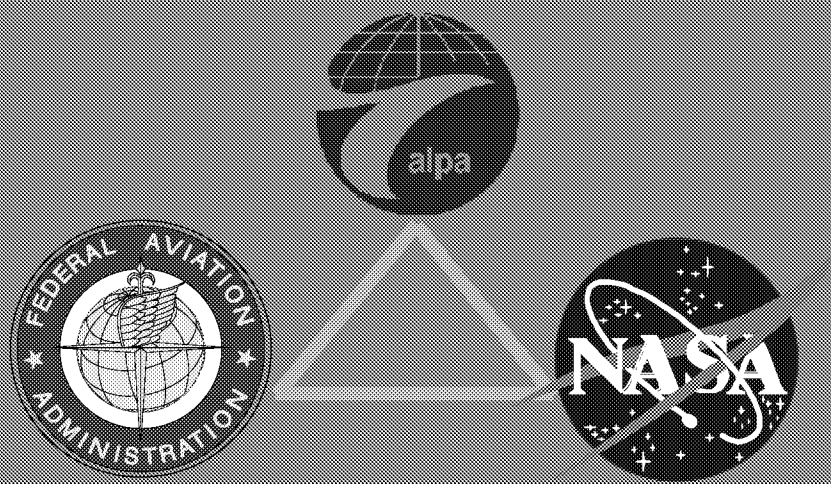




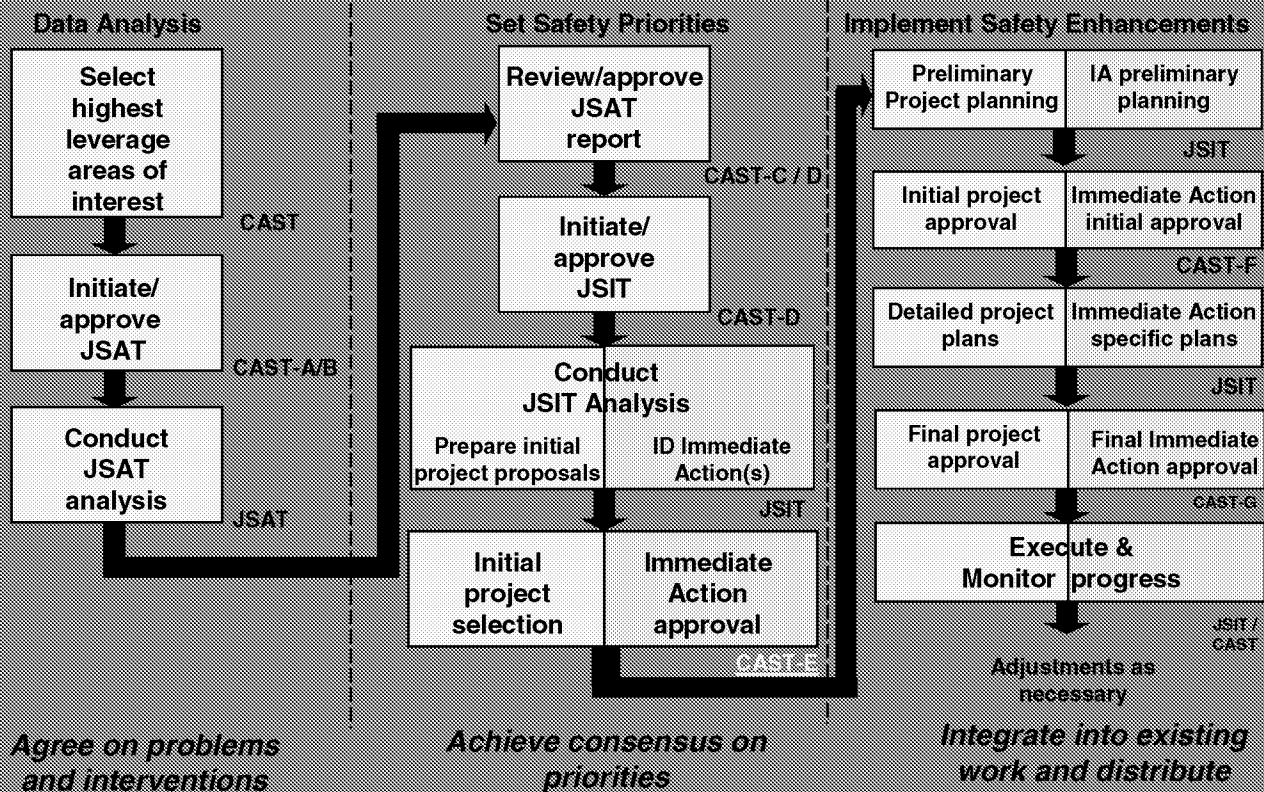
Turbulence JSIT Status

Rod Bogue - NASA Dryden Flight Research Center

Outline

- CAST Process
- Intervention & Project Statistics
- JSAT Turbulence Model
- Initial Project Subject Candidates
- Status

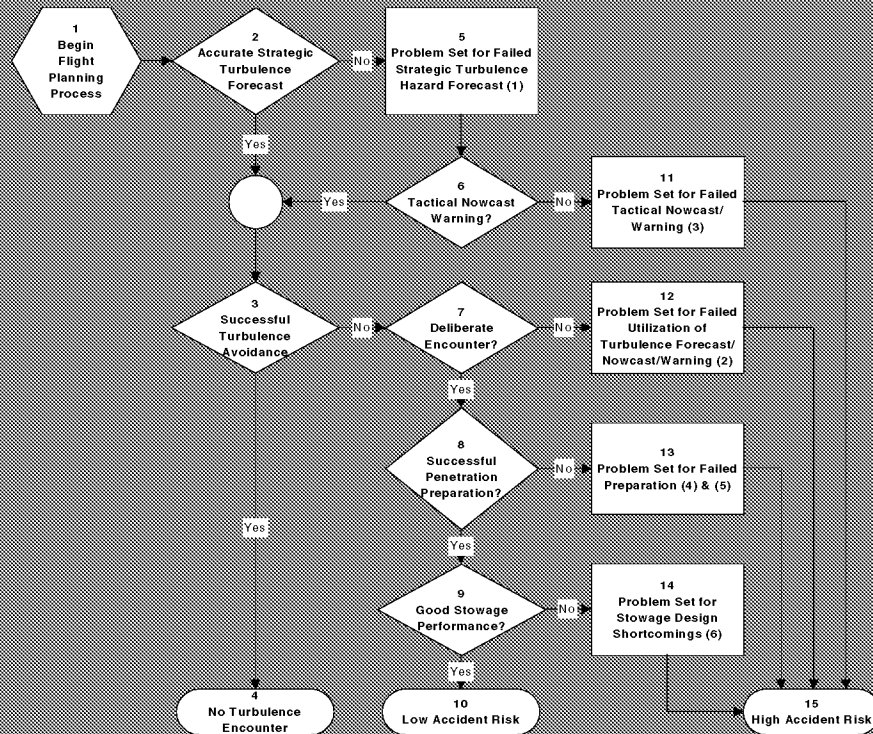
CAST Process for Defining and Implementing a Data-Driven Safety Enhancement Plan



Intervention & Project Statistics

- 30 Interventions From JSAT
- 16 Above the Line (53%)
- 5 Projects
- 2 Research Recommendations

JSAT Turbulence Model



Initial Project Subject Candidates

- Flight Attendant, Passenger and Cabin Secure Procedures
- Flight Attendant and Passenger Turbulence Injury Exposure
- Practices for Turbulence Avoidance

Initial Project Subject Candidates (cont.)

- **Quality of Turbulence Information**
- **Turbulence Detection Technology**
- **Turbulence Displays and Data Dissemination**
- **Turbulence Effects Mitigation through Aircraft Control System Action**

Status

- JSIT Chartered 12 January 2001
- 3 Sub-Teams Organized
- 4 Full Meetings
- Obtained CAST E-Level Approval
- Finalizing Project Executive Summaries
- CAST added Cost/Benefit Assessment and Nationwide Facility Resource Needs Assessment
- Expect G-Level approval in early FY-02