

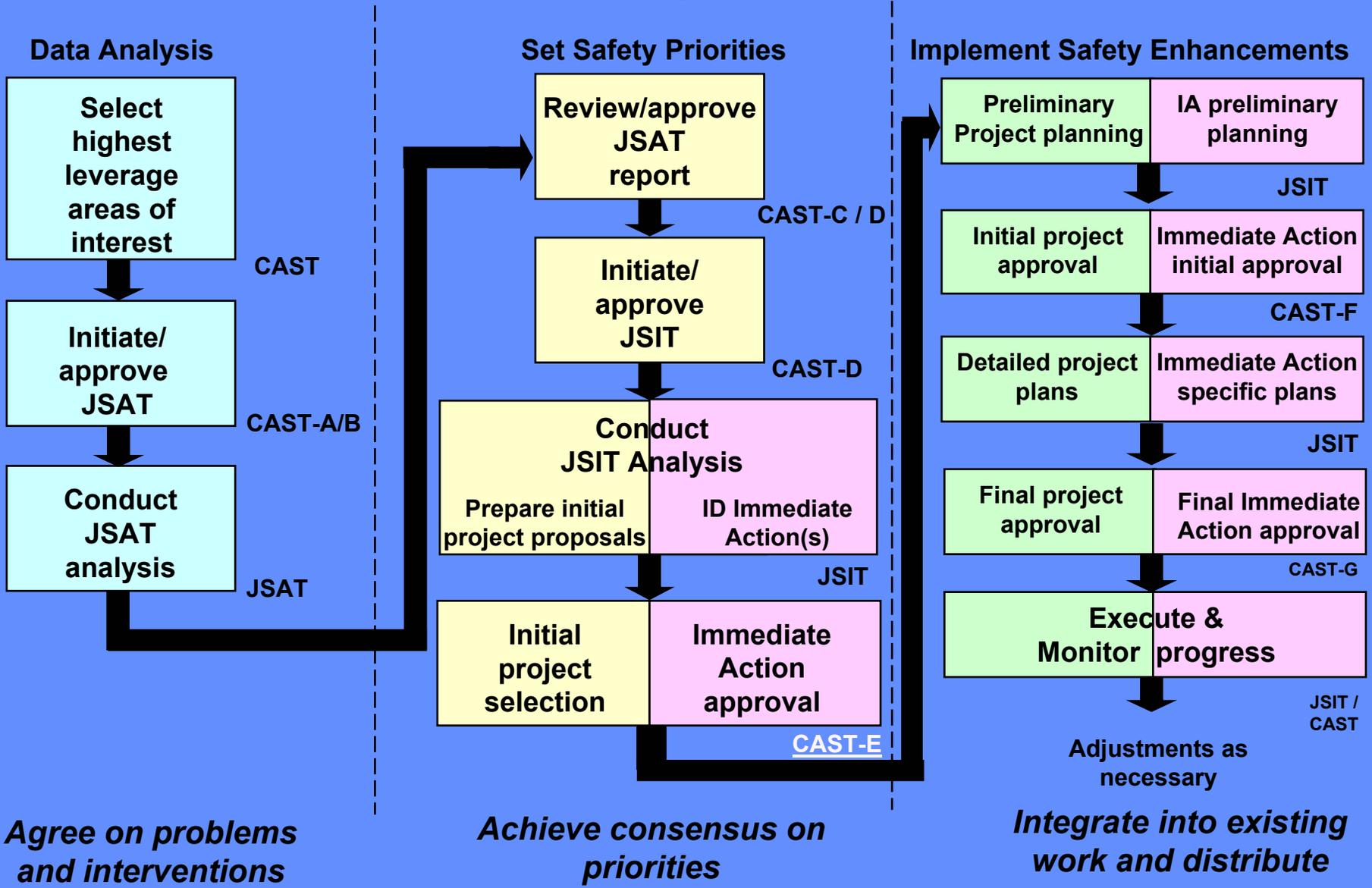
Turbulence JSIT Status

Rod Bogue - NASA Dryden Flight Research Center

Outline

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

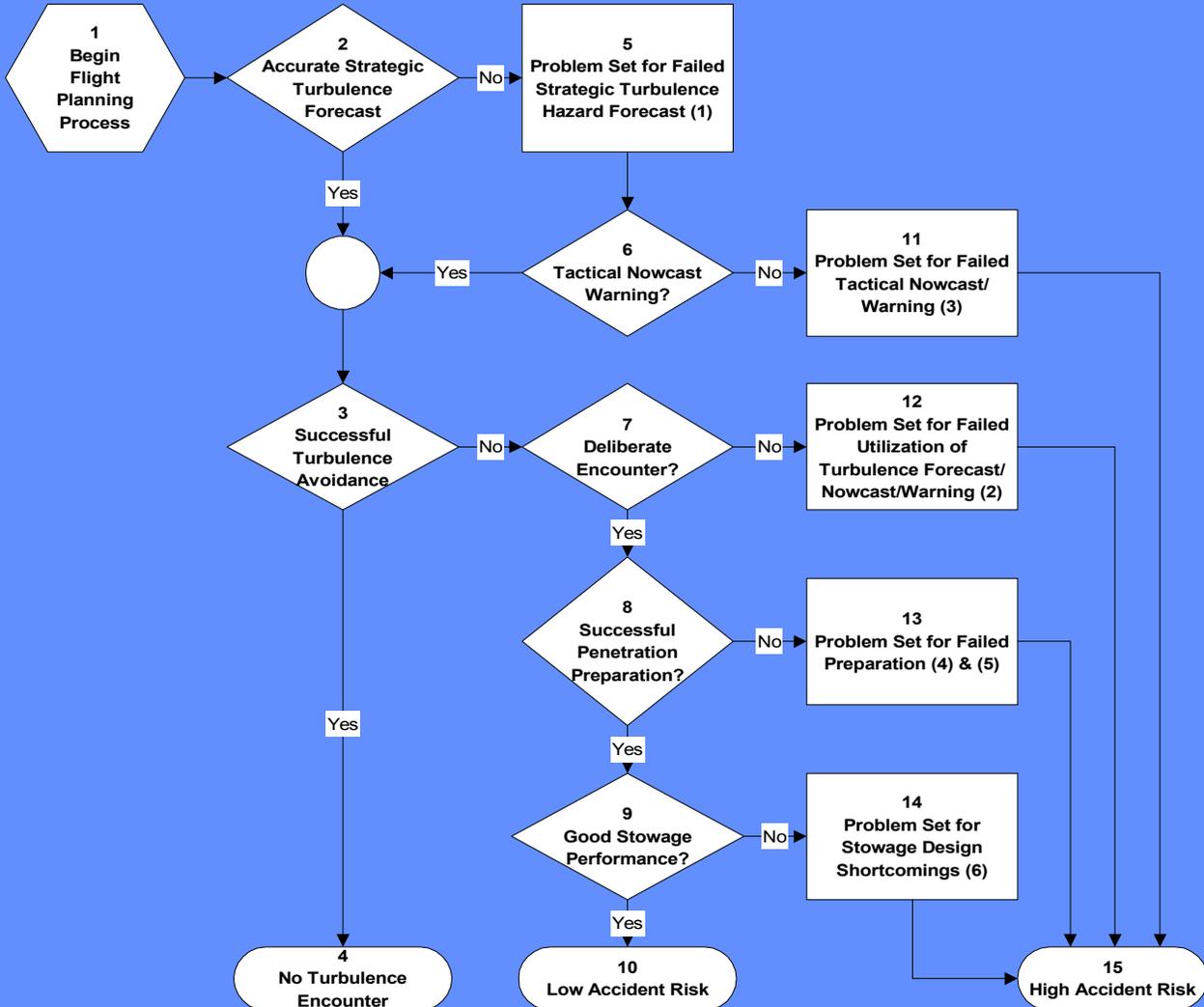
CAST Process for Defining and Implementing a Data-Driven Safety Enhancement Plan



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

- **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**