A collaborative Government and Industry initiative on data sharing & analysis to proactively discover safety concerns before accidents or incidents occur, leading to timely mitigation and prevention.
ASIAS is Governed by Formal Principles

- Data used solely for advancement of safety
- Non-punitive reporting
- Sensitive data is de-identified
- Analyses approved by an ASIAS Executive Board
- Data protected and aggregated
Overview of Airline Programs Contributing Data to ASIAS

**FOQA**

- Number of airlines: 0, 10, 20, 30
- 7 million operations available for analysis

**ASAP**

- Number of airlines: 0, 10, 20, 30
- Flight Ops: 30
- Maintenance: 25
- Dispatch: 20
- Cabin: 10
- 75,000 reports available for analysis
Types of Proactive Safety Analyses

- Directed Studies
- Known Risk Monitoring
- Safety Enhancement Assessment
- Vulnerability Discovery
- Benchmarking Operations

A Collaborative FAA-Industry ASIAS Executive Board (AEB) Provides Guidance and Oversight
Data Fusion Provides Valuable Insights

- **Traffic Tracks**
  - Source: FAA National Offload Program

- **Minimum Vectoring Altitudes**
  - Source: Air Traffic Control

- **Airport & Airspace Procedures**
  - Source: Air Traffic Control

- **Safety Event Focus**
  - Source: Digital Flight Data, Safety Reports

- **Terrain Source**
  - National Elevation Data

- **Weather**
  - Source: FAA & NOAA

- **ASAP Rpts**