

# Aviation Safety Action Program (ASAP)

## Alaska Region

Presented to: Medallion ASAP Training for 2010

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Federal Aviation  
Administration



# Philosophy

- **“The FAA believes that aviation safety is well served by incentives for certificate holders, fractional ownership programs, and PAH’s to identify and correct their own instances of noncompliance and to invest more resources in efforts to preclude their reoccurrence.”**

**— FAA Order 8900.1**



# Philosophy

- **“While [enforcement] actions have deterrent value, they do not necessarily improve a person’s ability to assure future compliance.”**

**— FAA Order 2150.3B**

# Voluntary Safety Programs

- **Voluntary Disclosure Reporting Program (VDRP)**
- **Aviation Safety Action Program (ASAP)**
- **Aviation Safety Reporting System (ASRS)**
- **Flight Operations Quality Assurance (FOQA)**
- **Internal Evaluation Program (IEP)**
- **Line Operational Safety Audit (LOSA)**
- **Advanced Qualification Program (AQP)**

# Goals of ASAP

- **Decrease accidents, incidents, and violations**
- **Obtain information not available through traditional reporting or audit programs**
- **Better identify risks to public safety**
- **Ensure the effectiveness of developed corrective actions**



# Shared Vision of Aviation Safety Conference (June 2, 2010)

- **Administrator Babbitt's remarks:**
  - “there are no ‘common’ accidents anymore.”
  - “the vision that brings us together is not a program, but a *culture...compliance is not enough. The only way we can do that is to adopt the voluntary programs that will give us the data we need to connect the dots.*”

# Participation

- **81 Air Carriers**
- **Over 218 employee groups participating**
- **90% of reports received have been sole source**



# By The Numbers:

- **Aviation Safety Inspectors (Nationwide): 4,207**
- **Airmen (Nationwide):**
  - Pilots: 763,937 (262,226 ATP or Commercial)
  - Mechanics / Other: 641,616
- **Aviation Safety Inspectors (Alaska): 138**
- **Airmen (Alaska):**
  - Pilots: 10,906 (4,172 ATP or Commercial)
  - Mechanics / Other: 6,662

**Current data as of September 1, 2010.**

# Supporting Voluntary Safety

- **WBAT: Web-Based Application Tool**
  - Designed to expedite the collection of safety related data and provide analysis tools
- **Research**

# Best Practices for Event Review Committees

- **FAA sponsored study by the American Institutes for Research**
- **GOAL: Identify Key Features that make ASAP's successful**

# Supporting SMS

- **“organizational functions such as an effective employee safety reporting system”**
- **“continuous process monitoring of day-to-day activities and inputs from employees through employee reporting systems”**

**Reference: Advisory Circular 120-92, Introduction to Safety Management Systems for Air Operators**

# Challenges

- **Culture**
- **Perceptions (Congress, IG, GAO, other Federal agencies, flying public, employees)**
- **Education**
  
- **Barriers**
  - Past Practices vs. Best Practices
  - Management Reluctance
  - Workforce Uncertainty

# Confidentiality and Non-Disclosure Criteria

- **49 USC §40123**
- **14 CFR Part 193 — Protection of Voluntarily Submitted Information**
- **Classification within Agency**
  - For Official Use Only: used within the FAA in accordance with the MOU, and on a “need to know” basis

# Recent Legislation

H. R. 5900

## One Hundred Eleventh Congress of the United States of America

AT THE SECOND SESSION

*Begun and held at the City of Washington on Tuesday,  
the fifth day of January, two thousand and ten*

### An Act

To amend the Internal Revenue Code of 1986 to extend the funding and expenditure authority of the Airport and Airway Trust Fund, to amend title 49, United States Code, to extend airport improvement program project grant authority and to improve airline safety, and for other purposes.

*Be it enacted by the Senate and House of Representatives of  
the United States of America in Congress assembled,*

#### SECTION 1. SHORT TITLE.

This Act may be cited as the "Airline Safety and Federal Aviation Administration Extension Act of 2010".

#### SEC. 2. TABLE OF CONTENTS.

The table of contents for this Act is as follows:

# Recent Legislation

- **214: ASAP Implementation Plan**
  - For all Part 121 carriers, plan due (from the FAA) one year following enactment
- **215: Safety Management Systems**
  - ASAP is a minimum requirement of an SMS

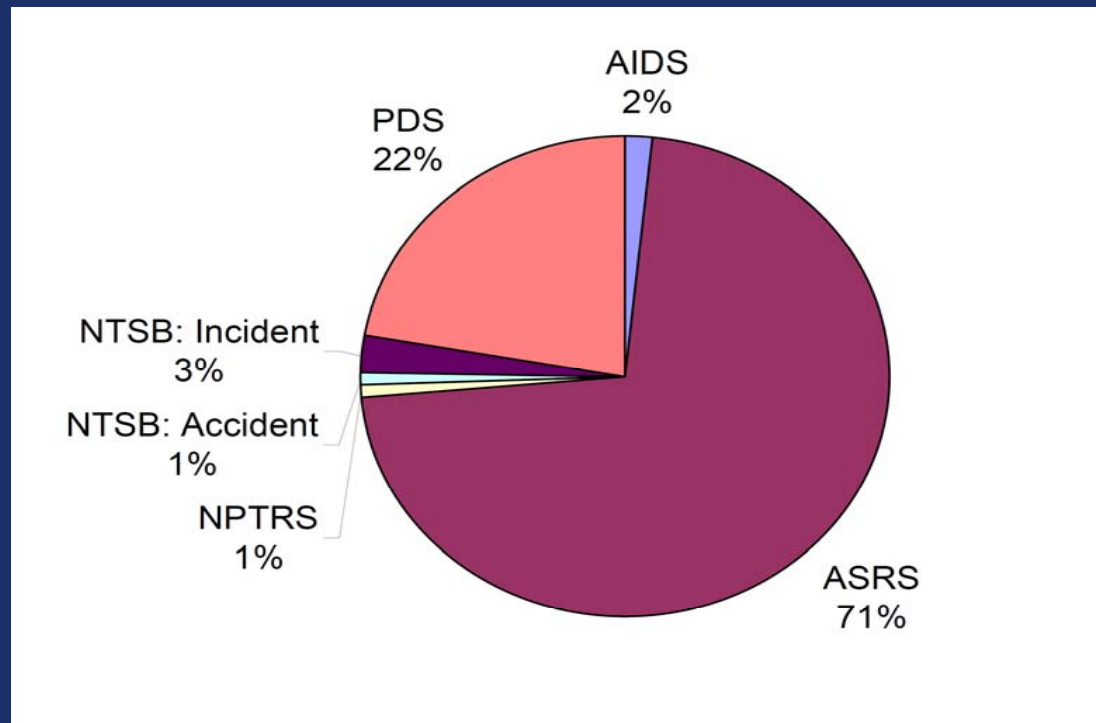
# Applying ASAP

- **Aviation Safety Information Analysis and Sharing (ASIAS) Program**
  - 30 Mainline and Regional Carriers (80% of 121 Carriers nationwide) provide program data to ASIAS
    - Includes 12 carriers also sharing FOQA data
  - Also receives report data from Air Traffic Safety Action Program (ATSAP)

# Applying ASAP

## Wrong Runway Departures Study

- **696 Total Reports**
  - > **Part 121: 117**
  - > **Part 135: 53**



# References

*Wrong Runway Departures. Aviation Safety Information Analysis and Sharing (ASIAS). Federal Aviation Administration. Washington, D.C.: July 2007*

*Best Practices for Event Review Committees. American Institutes for Research. Washington, D.C.: December 2009.*

*Introduction to Safety Management Systems for Air Operators. (AC 120-92). Federal Aviation Administration. Washington, D.C.: June 2006*