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Exhibit No. 13-H

**NATIONAL TRANSPORTATION SAFETY BOARD**

**WASHINGTON, D.C.**

FAA Presentation - ASIAS

(10 Pages)

# Aviation Safety Information Analysis and Sharing (ASIAS)

Presented to: NTSB Public Hearing

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Federal Aviation  
Administration



# Aviation Safety Information Analysis and Sharing (ASIAS)

## ***What ASIAS is –***

**A collaborative Government and Industry initiative on data sharing & analysis to proactively discover systemic safety concerns, leading to timely mitigation and prevention before accidents or incidents occur.**

## ***What ASIAS is not –***

**An initiative on continuous assessment of local in-flight data for automated detection, diagnosis, prognosis and mitigation of adverse events during flight.**

# ASIAS Data Management Objectives

- **Create a data environment that facilitates the sharing of aviation safety data and information**
- **Identify, acquire and provide access to aviation safety data**
- **Enhance the value of existing data assets**
- **Acquire or develop tools and methodologies to help identify safety issues**
- **Support safety analysis initiatives**

# ASIAS is Governed by Formal Principles

**Data used solely for advancement of safety**

**Endorsement of voluntary submission of safety-sensitive data**

**Carrier/OEM/MRO data are de-identified**

**Transparency – knowledge of how data are used**

**Procedures & policies established through collaborative governance**

**Analyses approved by an ASIAS Executive Board**



# ASIAS AIRLINE PARTNERS

AIRTRAN AIRWAYS

ALASKA AIRLINES

AMERICAN AIRLINES

AMERICAN EAGLE AIRLINES

ATLANTIC SOUTHEAST AIRLINES

CHAUTAUQUA AIRLINES

COMAIR

COMPASS AIRLINES

CONTINENTAL AIRLINES

EXPRESSJET

FRONTIER AIRLINES

GULFSTREAM

INTERNATIONAL AIRLINES

JETBLUE AIRWAYS

DELTA-NORTHWEST AIRLINES

REPUBLIC AIRLINES

SHUTTLE AMERICA

SKYWEST AIRLINES

SOUTHWEST AIRLINES

SUN COUNTRY AIRLINES

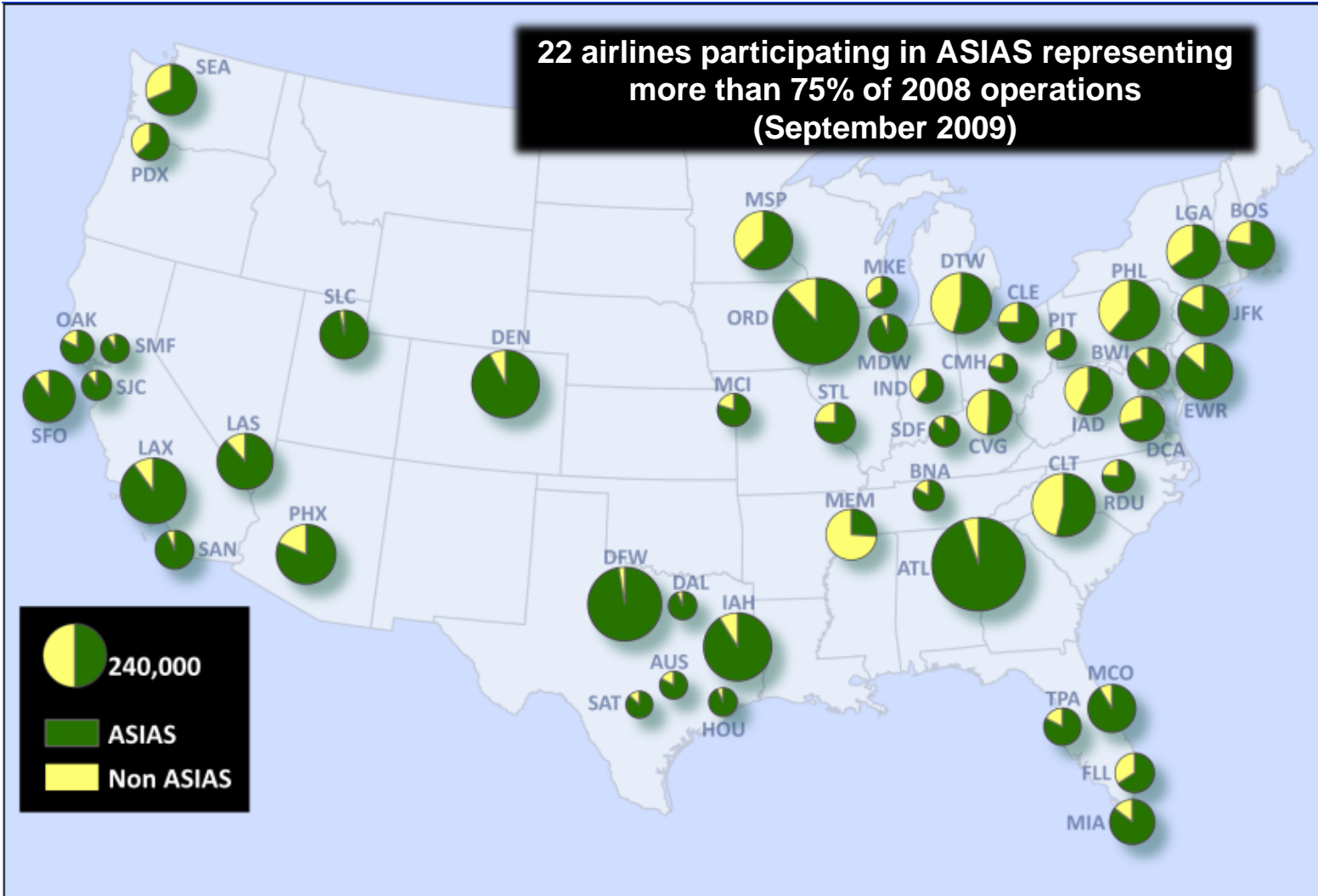
UNITED AIRLINES

UNITED PARCEL SERVICE

US AIRWAYS



# ASIAS Coverage at Selected U.S. Airports



# Types of Proactive Safety Analyses



**A Collaborative FAA-Industry ASIAS Executive Board (AEB) Provides Guidance and Oversight**



# Data Sources Supporting the Studies

De-Identified  
FOQA Data

De-Identified  
ASAP Data

ATC  
Information



- Traffic Management Reroutes and Delays
- Airport Configuration and Operations
- Sector and Route Structure
- Procedures
- Surveillance Data for En Route, Terminal and Airport

Safety Reports

- Aviation Safety Reporting System
- Runway Incursion
- Surface Incident
- Operational Error / Operational Deviation
- Pilot Deviation
- Vehicle or Pedestrian Deviation
- National Transportation Safety Board
- Accident/Incident Data System
- Service Difficulty Reports

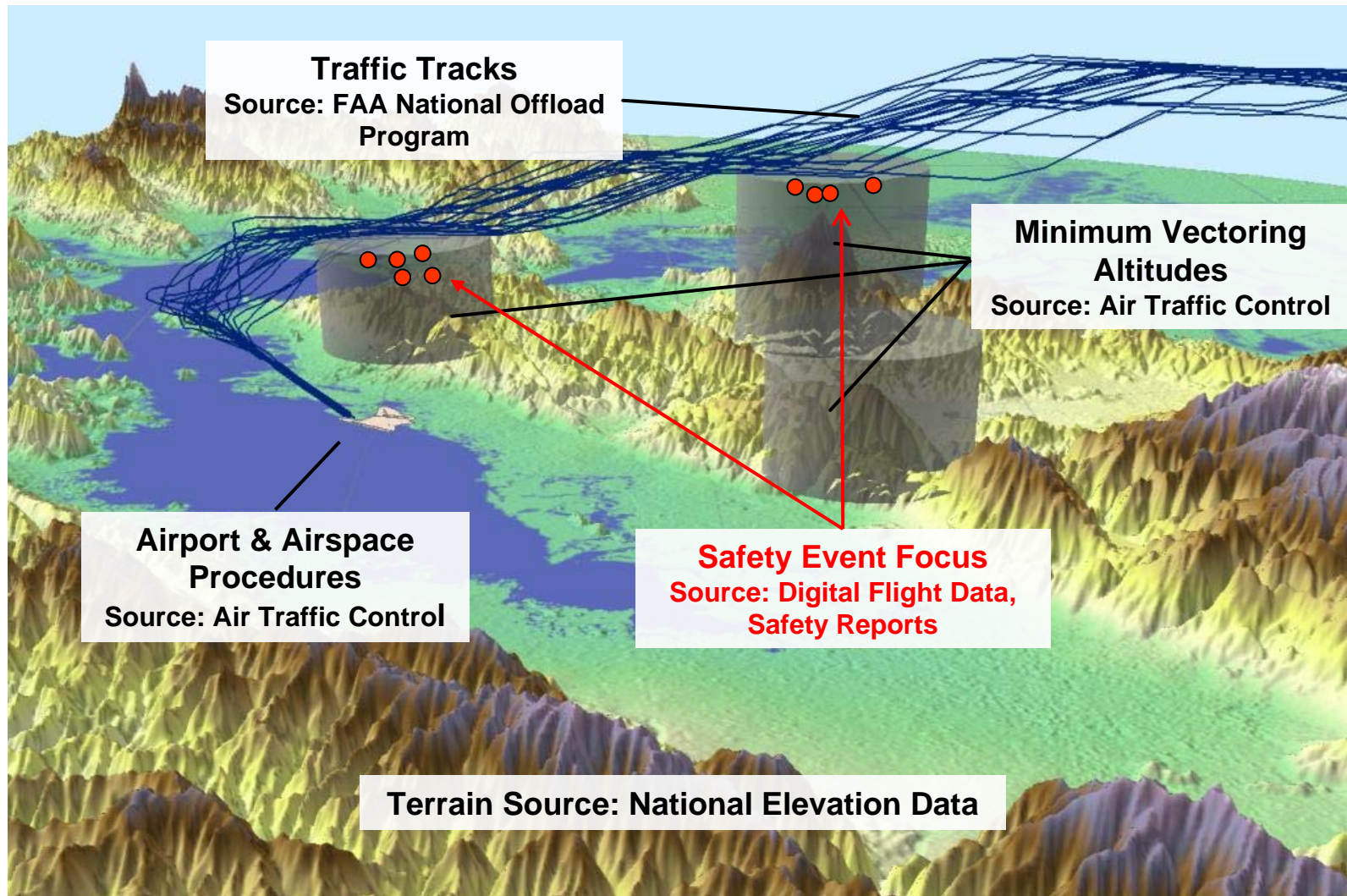


Other  
Information



- Bureau of Transportation Statistics
- Weather / Winds
- Manufacturer Data
- Avionics Data
- Worldwide Accident Data

# Data Fusion Provides Valuable Insights



# Questions?

