

FAA News



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Fact Sheet

Aviation Safety Information Analysis and Sharing (ASIAS) System

The Aviation Safety Information Analysis and Sharing (ASIAS) system connects 46 safety databases across the industry and is integrated into the Commercial Aviation Safety Team (CAST) process. ASIAS has evolved to the point that ASIAS now has access to Flight Operations Quality Assurance (FOQA) programs from 12 operators and Aviation Safety Action Partnership (ASAP) data from flightcrews, maintenance and other employees from 30 operators. Recently, ASIAS began accessing reports in the Air Traffic Safety Action Program (ATSAP), which provides air traffic controllers with a way to report potential safety hazards. Other Air Traffic Organization (ATO) employees will be added to the program in the future.

The FAA plans to eventually expand ASIAS to 64 databases. Current examples include:

- ACAS (Aircraft Analytical System)
- ASAP (Aviation Safety Action Program)
- ASDE-X (Airport Surface Detection Equipment, Model X)
- ASPM (Airspace Performance Metrics)
- ASRS (Aviation Safety Reporting System)
- ATSAP (Air Traffic Safety Action Program)
- FOQA (Flight Operations Quality Assurance)
- METAR (Meteorological Aviation Report)
- NFDC (National Flight Data Center)
- NOP (National Offload Program office track data)
- SDR (Service Difficulty Reports)
- TFMS (Traffic Flow Management System)
- TOPA (TCAS Operational Performance Assessment)

ASIAS uses FOQA and ASAP data from 30 air carriers that represent 80 percent of commercial operations in the National Airspace System.

Available data includes:

- Current number of ASAP reports: 71,000
- Current number of FOQA reports: 7.2 million operations
- Current number of ATSAP reports: 12,000
- CAST Metrics Under Development for Computation by ASIAS: 36

The FAA plans to increase the numbers and types of participants following a phased expansion plan to include other parts of the aviation community. ASIAS will include more regional aircraft, domestic corporate general aviation, military, helicopter, manufacturers, and other government agencies.

The public can access some data at www.asias.faa.gov

Other helpful information is at:

http://www.faa.gov/news/fact_sheets/news_story.cfm?newsId=10199,
http://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs200/branches/afs230/descriptions/, and <http://www.faa.gov/about/initiatives/asap/>.

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