



Overview of GAJSC

The GAJSC, which was revitalized in 2011, works to improve general aviation safety through data-driven risk reduction efforts that focus on education, training, and enabling new equipment in general aviation aircraft.

GAJSC participants include industry stakeholders such as pilot organizations, instructors, mechanics, builders and manufacturers, and the FAA.

*For more general information on the GAJSC—
GAJSC.org*



What is the ASIAS Program?

- ASIAS is a collaborative information sharing program supported by the aviation community to improve safety.
- ASIAS enables the aviation community to analyze multiple data sources such as radar data, ASRS data, voluntarily submitted pilot reports, and flight data.

GAJSC
GENERAL AVIATION
JOINT SAFETY COMMITTEE

FLIGHT DATA ANALYSIS TOOLS FOR GA



GAJSC
GENERAL AVIATION
JOINT SAFETY COMMITTEE

*GA JSC and ASIAS Working in
Partnership to
Improve GA Safety*

How Can I Help Make GA Safer?

By participating in the Aviation Safety Information Analysis and Sharing (ASIAS) General Aviation Demonstration Project!



Safety

Why should I participate?

- You can replay your own flights and view your data to identify potential safety risks.
- Pilots in safety programs are less likely to be involved in an accident (GAO 13-36, pg. 13).
- The data collected can give you enhanced feedback to improve your skills.
- Your data can help the whole GA community.

How will this benefit the GA community?

- By working together, the community will identify risks and safety hazards specific to the general aviation environment.
- The general aviation community can develop and implement solutions to recognized problems.

What is digital Flight Data Monitoring (FDM)?

FDM is the recording of flight-related information. Analysis of FDM data can help pilots, instructors, or operator groups improve performance and safety.

What is ASIAS?

The Aviation Safety Information Analysis and Sharing (ASIAS) program brings together 185 data sources including voluntary provided safety data. ASIAS partners with the Commercial Aviation Safety Team (CAST) and General Aviation Joint Steering Committee (GAJSC) to monitor known risks, evaluate the effectiveness of risk mitigations, and detect emerging hazards.

Protection



How will this data be protected?

An individual pilot, flight, or aircraft cannot be identified using the submitted data.

Identifying information is removed before the data is transferred to ASIAS.

Pilot Protections

ASIAS data cannot be used by the FAA for enforcement or other legal actions.

Again, an individual pilot, flight, or aircraft cannot be identified using the submitted data.

How do I upload my data and where does it go?

Data will upload either by moving from your avionics through a computer to a Web browser or straight from a mobile app.

The data goes to the National General Aviation Flight Information Database, which is managed by the GAJSC.

Do I have to upload all my flights?

No! You choose which flights to upload. Uploading your flights to the system is optional.

Can my data be used against me?

No! Your data submitted to ASIAS cannot be used by the FAA for enforcement or other legal actions.

Participation



What is GA ASIAS?

GA ASIAS is the expansion of the commercial ASIAS program designed to improve safety by incorporating new voluntary GA data sources submitted by the community.

GA ASIAS will—

- Serve as the basis for an individual pilot to directly contribute to improving aviation safety.
- Provide tools to analyze their own data.
- Use new data from GA such as—
 - Pilot safety reports.
 - Manufacturer reports, and
 - Flight data from mobile devices.

How can I participate?

You can participate in two ways. Data can come from either your onboard avionics (for example, a G1000 or data recorder) and we are testing the ability to import log files from electronic flight bag (EFB) apps on your smartphone or tablet.



To sign up for an account for the web-based tools, visit: <http://www.ngafid.org/> or scan the QR code below:

