

## ASIAS

Rotorcraft community is leveraging a proactive approach to managing safety by leveraging the ASIAS program

ASIAS is a collaborative partnership between government and industry to promote aviation safety. Leveraging the experience, techniques, and lessons learned from the success of ASIAS, the Commercial Aviation Safety Team, and GA Joint Steering Committee, the program is now being expanded to Rotorcraft. Rotorcraft efforts will develop a robust rotorcraft data repository and new analytical tools designed for the unique nature of rotorcraft operations.

Rotorcraft Metrics: Rotorcraft Analytics: Data collected and analyzed by Rotorcraft ASIAS can provide meaningful inputs to facilitate sound decision-making for operators. .

- Proposed Metrics: Loss of Control, Controlled Flight into Terrain, Weather Concerns, and Specific System Failures.
- Safety Analysis: This work brings together rotorcraft subject-matter experts together through the Rotorcraft Issues Analysis Team (R-IAT) to provide context on research and development efforts.
- Advanced Techniques: The work continues to support the development of new proactive safety analysis capabilities.

## Overview of USHST

The U.S. Helicopter Safety Team (USHST) is a volunteer team of US government and industry stakeholders working with ASIAS to improve the safety of civil rotorcraft operations in the National Airspace System. Data driven risk reduction efforts focus on education, training, and enabling new equipment in rotorcraft aircraft.

For more information on USHST -  
<https://ushst.org/>

## What is the ASIAS Program?

- ASIAS is a 15+ year collaborative information-sharing program supported by the aviation community to improve safety.
- ASIAS enables the aviation community to analyze multiple data sources such as surveillance data, ASRS data, voluntarily submitted safety reports and flight data in order to proactively discover safety issues.

<https://www.rotorcraft.asias.info>



## Contact Information;

For more information on this shared industry-government effort, please contact;  
[ContactUs@asias.info](mailto:ContactUs@asias.info)



## Data Analysis Tools for the Rotorcraft Community



## USHST & ASIAS

*“Working in Partnership to  
Improve Rotorcraft Safety”*

# Safety

## Why Should I Participate?

- Insight into industry wide operational systemic safety issues/risks.
- Access to a Web Portal with Safety Data Metrics & Dashboards to identify potential safety risks.
- Opportunity to support—safety related, directed studies and access to completed products.
- Support the USHST in the development of safety solutions through proactive Safety Enhancements.

## How will this benefit the Rotorcraft community?

- By working together, the community will identify risks and safety hazards specific to the Rotorcraft.
- The Rotorcraft community can develop and implement specific mitigations to unique 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. FOQA is an example of FDM.



How can I make rotorcraft safer?

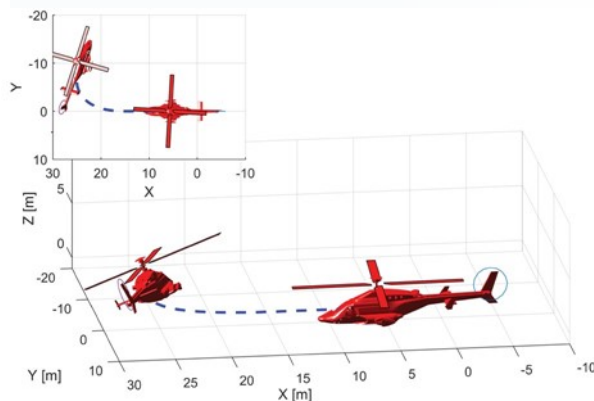
# Protection

## How will this Data be protected?

- An individual pilot, flight, or aircraft cannot be identified using the submitted data.
- Access to de-identified data is strictly controlled so only authorized users have access to de-identified ASIAs data.
- Identifying information is removed before the data is transferred to ASIAs.

## Pilot Protections

- ASIAs reports and analysis is protected from Public disclosure.
- Again, an individual pilot, flight, or aircraft cannot be identified using the submitted data.



Mock Data

# Participation

## What is Rotorcraft ASIAs?

Rotorcraft ASIAs is the expansion of the ASIAs program from the Commercial and General Aviation domains to the rotorcraft community. Rotorcraft ASIAs is designed to improve safety by:

- Allowing rotorcraft operators to directly contribute data
- Providing tools for operators to analyze their own data and for aggregate analyses/studies.

There are several pathways into Rotorcraft ASIAs. Please contact us to discuss the next steps in joining Rotorcraft ASIAs (See back).



Mock Data

By participating in the Rotorcraft Aviation Safety Information Analysis and Sharing (ASIAs) program.