



USHST

United States Helicopter Safety Team



Monthly Safety Report

February 2023

The USHST is a regional partner to the Vertical Aviation Safety Team (VAST).

USHST GOAL: Reduce the 5 year average fatal US helicopter accident rate to **0.55 fatal** accidents per 100K hrs by **2025**

USHST Vision: A Civil Helicopter Community with Zero **Fatal** Accidents

Safety by the Numbers!

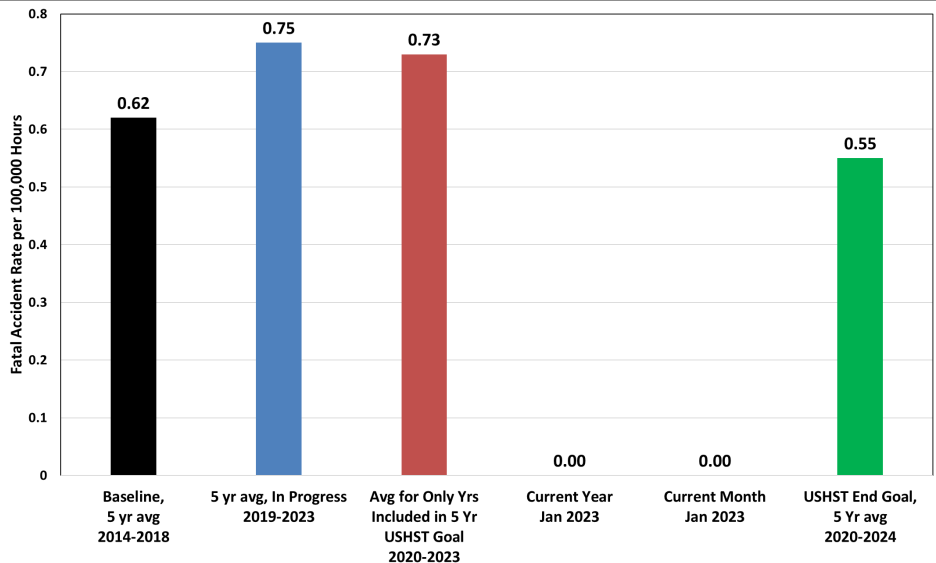
Metric	2019 - 2023	2018 - 2022
Avg Fatal Acc Rate	0.75	0.78
Avg Accident Rate	4.15	4.21
Year To Date	Current Year (CY23)	Previous Year (CY22)
Fatal Accidents	0	1
Accidents	2	4
Fatalities	0	2

Average number of days between fatal accidents:

- 2018: 14 days
- 2019: 16 days
- 2020: 18 days
- 2021: 17 days
- 2022: 21 days

Longest time between fatal accidents (past 5 yrs):

107 days (2020)



Fatal Accident Counter

38 : 23 : 15 : 56
Days : Hours : Mins : Secs

Each year the U.S. helicopter industry safely flies approx. 3 million flight hours and **every** second of **every** flight must be handled with professionalism.



Did "YOU" Know?

In the US there are **12,000 +** helicopters, **32,000 +** helicopter pilots and over **292,000** aircraft mechanics!

The USHST has identified the following industries for **OUTREACH**:

**Personal/Private,
Helicopter Air Ambulance (HAA),
Commercial and Aerial Application**

Your participation in joining our vision of zero fatal accidents is important to us. To determine how your interests best align with active USHST efforts, please click the link below to complete the form and submit.

JOIN/FOLLOW USHST



[USHST Facebook \(2558 Members, 17 New\)](#)

[USHST LinkedIn](#)

[USHST Twitter](#)



Helicopter Safety OUTREACH events:

- Next USHST All Hands Webinar - **February 23, 2023, 1pm EST** [Register Today!](#)
[Previous All Hands](#) - November 14, 2022
- [ROTOR Helicopter Association International - Upcoming Events](#)
- [Helicopter Safety Alliance - Upcoming Events](#)



Safety Enhancement Quick List



U.S. Helicopter Safety Team

Helicopter – Safety Enhancements
Our Vision: A civil helicopter community with zero fatal accidents

[Loss of Control - Inflight \(LOC-I\), Unintended Flight into IMC \(UIMC\), Low Altitude Operations \(LALT\).](#)

USHST continues to work on the implementation of 16 Helicopter - Safety Enhancements (H-SE) developed through data-driven analysis of 104 fatal accidents. The H-SE's use Outreach, Policy, Technology/Equipment, and Training to reduce fatal accidents in these categories.

[H-SE 125: Pre-Flight Risk Assessment for Student Pilots](#)

Prevent fatal helicopter training accidents resulting from inadequate preflight risk assessments, provide recommended practices for pre-flight risk assessment guidance and advisory information specific to the training environment.

1. Review existing flight training pre-flight risk assessment material. Identify gaps between recommended practices and findings from USHST fatal accident analysis. Consolidate recommended practices.
2. Develop guidance for the inherent risks associated with the flight training environment, thereby allowing mitigation to be implemented to reduce the risk as low as reasonable possible (ALARP) prior to and during the training flight.
3. USHST SEA Training Team deliver suggested pre-flight risk assessment guidance to the FAA for possible development into an Advisory Circular to support establishing a standard for pre-flight risk assessments on training flights.
4. If an AC is developed, then promote the contents of the AC to flight instruction organizations.

[FAA Online Course – Conducting Preflight Self-Briefings for Student and VFR Pilots](#)

USHST PRIORITY Safety Resources:

[Videos](#)

[Safety Apps](#)

[USHST Report on Safety Enhancements](#)

US Helicopter Safety Team Press Release (November 2022):

[USHST Searching for Next Industry Co-Chair!](#)



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