



USHST

United States Helicopter Safety Team



Monthly Safety Report

May 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!

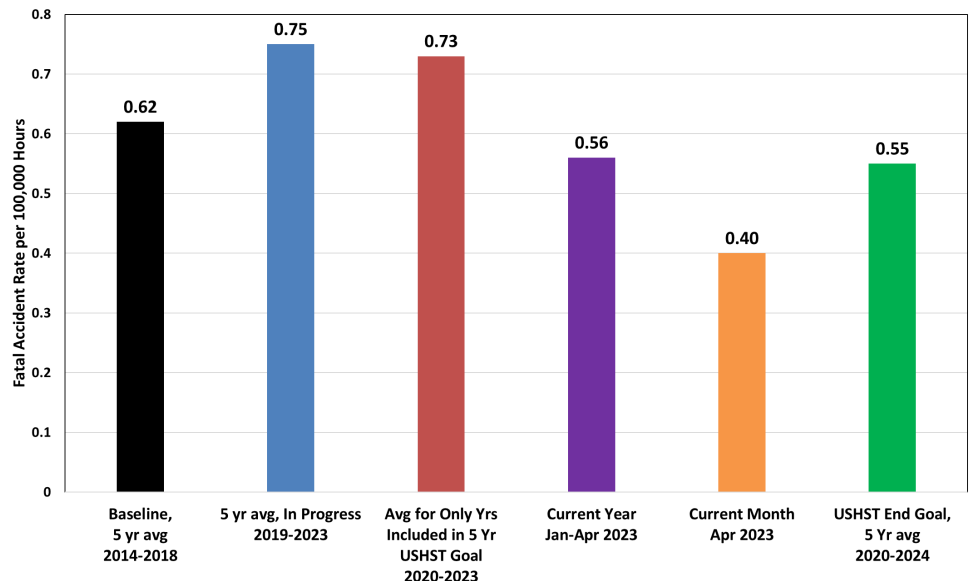
Metric	2019 - 2023	2018 - 2022
Avg Fatal Acc Rate	0.75	0.78
Avg Accident Rate	4.08	4.21
Year To Date	Current Year (CY23)	Previous Year (CY22)
Fatal Accidents	5	8
Accidents	24	37
Fatalities	13	15

Average number of days between fatal accidents:

- 2019: 16 days
- 2020: 18 days
- 2021: 17 days
- 2022: 21 days
- 2023: 17 days

Longest time between fatal accidents (past 5 yrs):

107 days (2020)



Fatal Accident Counter

32 : 21 : 07 : 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



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[USHST LinkedIn](#)

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Helicopter Safety OUTREACH events:

- Next USHST All Hands Webinar - **Wednesday, 7 June, 1pm EST** [Register Here!](#)
[Previous All Hands](#) - February 23, 2023
- [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 Helicopter - Safety Enhancements (H-SEs) developed through data-driven analysis of 104 fatal accidents. The H-SEs use Outreach, Policy, Technology/Equipment, and Training to reduce fatal accidents in these categories.

HOT! The 16 Legacy H-SEs are now complete!

USHST and Lead Organizations will tackle the following New H-SEs:

1. Promote conservative go/no-go decision making (includes performance planning).
2. Educate hazards of low altitude operations (includes consideration of wire strike protection devices, hazard detection capability, and emerging technology).
3. Improve risk management of night operations (includes factors unique to "dark" night operations).
4. Improve fatigue awareness and risk mitigation of scheduling factors leading to fatigue.
5. Training on effects of adverse wind situations, particularly performance issues at low airspeed.

****Standby for opportunities to lend your expertise!***

USHST PRIORITY Safety Resources:

[Videos](#)

[Safety Apps](#)

[USHST Report on Safety Enhancements](#)

US Helicopter Safety Team Press Release (March 2023):

USHST names Chris Baur as its next industry Co-Chair



USHST

**United States
Helicopter Safety Team**