



USHST

United States Helicopter Safety Team



Monthly Safety Report

July 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!

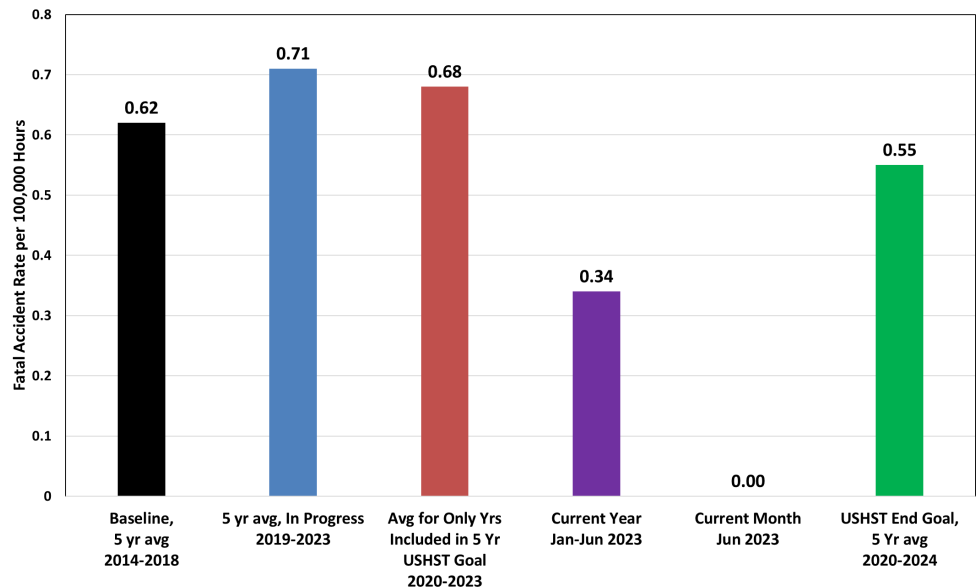
Metric	2019 - 2023	2018 - 2022
Avg Fatal Acc Rate	0.71	0.78
Avg Accident Rate	3.94	4.21
Year To Date	Current Year (CY23)	Previous Year (CY22)
Fatal Accidents	5	11
Accidents	35	59
Fatalities	13	19

Average number of days between fatal accidents:

- 2019: 16 days
- 2020: 18 days
- 2021: 17 days
- 2022: 21 days
- 2023: 22 days

Longest time between fatal accidents (past 5 yrs):

107 days (2020)



Fatal Accident Counter

60 : 00 : 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



[USHST Facebook](#) (2615 Members, 24 New)

[USHST LinkedIn](#)

[USHST Twitter](#)



Helicopter Safety OUTREACH events:

- [Register for September 2023 Webinars](#) USHST will be hosting webinars September 11-13, 2023 with the option to attend in-person and virtually. Please fill out the form to attend and receive the latest information.
[Previous All Hands](#) - June 1, 2023



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.

US Helicopter Safety Team New Helicopter Safety Enhancements (H-SEs)

Five USHST H-SEs approved for development and implementation:

- 23-01: Promote **conservative go/no-go decision** making (includes performance planning)
- 23-02: Educate **hazards of low altitude operations** (includes consideration of wire strike protection devices, hazard detection capability, and emerging technology)
- 23-03: Improve **risk management of night operations** (include factors unique to "dark" night operations)
- 23-04: Improve **fatigue awareness** and risk mitigation of **scheduling factors** leading to fatigue
- 23-05: Training on **effects of adverse wind situations**, particularly performance issues at low airspeed

USHST PRIORITY Safety Resources:

[Videos](#)

[Safety Apps](#)

[USHST Report on Safety Enhancements](#)

US Helicopter Safety Team Press Release (May 2023):

[USHST hosts webinar June 1](#)

[How pilots can better protect themselves and their passengers from bird strikes and what to do if they occur.](#)



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