# USHST United States Helicopter Safety Team

## Monthly Safety Report — July 2024

*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!

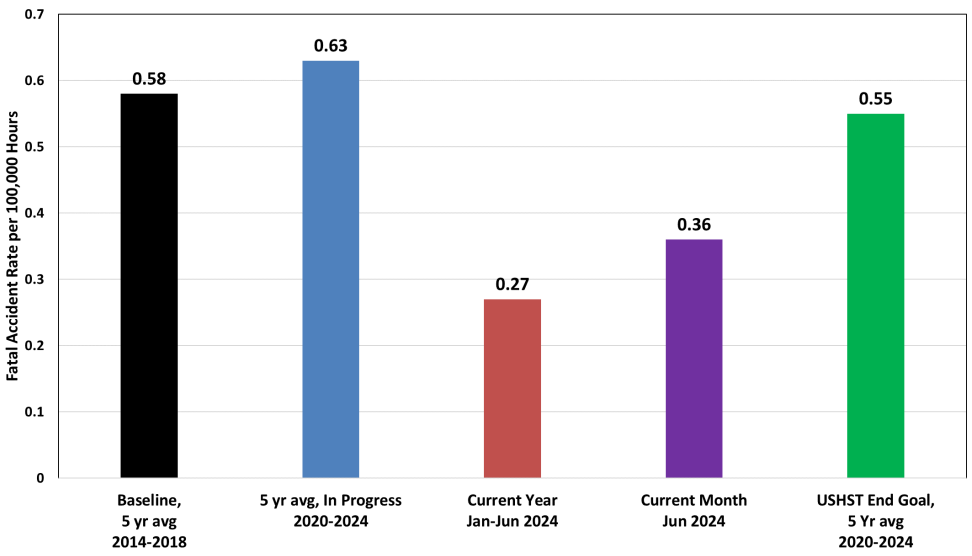
| Metric | 2020 - 2024 | 2019 - 2023 |
|---|---|---|
| Avg Fatal Acc Rate | 0.63 | 0.7 |
| Avg Accident Rate | 3.75 | 3.93 |
| **Year To Date** | **Current Year (CY24)** | **Previous Year (CY23)** |
| Fatal Accidents | 4 | 5 |
| Accidents | 37 | 37 |
| Fatalities | 12 | 9 |

### Average number of days between fatal accidents:

**2020: 18 days**
**2021: 17 days**
**2022: 21 days**
**2023: 19 days**
**2024: 43 days**

### Longest time between fatal accidents (past 5 yrs):

**107 days (2020)**




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.

### Fatal Accident Counter

**13 : 20 : 23 : 56**

Days : Hours : Mins : Secs

# 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 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

**(3000 Members, 9 New)**

Join the USHST - Scan the QR code to receive a free Hughes App subscription & USHST Membership Card

### Helicopter Safety OUTREACH events:

- USHST All Hands Webinar - Understanding the new ACS
- FAAST Blast - Week of June 24-30, 2024
- The Rotorcraft Collective: Master Your Mission in a Sim First

Safety Enhancement Quick List (PDF)

**U.S. Helicopter Safety Team** | **Helicopter – Safety Enhancements**

Our Vision: A civil helicopter community with zero fatal accidents

## Helicopter - Safety Enhancement (H-SE) Details

### H-SE 2023-04, Improve fatigue awareness & risk mitigation of scheduling factors leading to fatigue

*Fatigue risk impacts all aspects of rotorcraft operations, including air crew, ground crew and support personnel whose mission-critical activities ensure safe and effective operations. Since 1990 the NTSB has conducted 6521 helicopter accident investigations. Of these investigations, 28 have cited fatigue or lack of adequate sleep as a contributing factor, which have resulted in 19 fatalities and 18 injuries. Of these, human factors were a contributing factor in 1534 incidents. Fatigue is often under-cited in NTSB helicopter investigations because of a lack of available quantitative information related to fatigue. Based on benchmarks from other industries, fatigue is a factor in 1 in 5 of all incidents. If we assume that number holds true for helicopter operations, that means that the true number of fatigue-related helicopter accidents since 1990 would be several times higher than the 28 reported. It is well known that fatigue-related deficits accumulate relative to factors such as long days, sleep debt, and night work.*

**USHST PRIORITY Safety Resources:** Videos | USHST Safety App | Original H-SE Summation Report

See you next year! March 10–13, 2025 Exhibits Open March 11–13

VERTICON FORMERLY HAI HELI-EXPO Dallas 2025 | POWERED BY VAI

**NEXT WEBINAR July 11:** So You Earned Your License; Now What?

VAST VERTICAL AVIATION SAFETY TEAM

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