



USHST

United States Helicopter Safety Team



Monthly Safety Report

October 2024

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

USHST GOAL: Reduce the US helicopter 5-year average fatal accident rate to **0.55** (per 100,000 flight hours) by 2025 (5 years)

USHST Vision: A civil US registered helicopter community without fatal accidents

Safety by the Numbers!

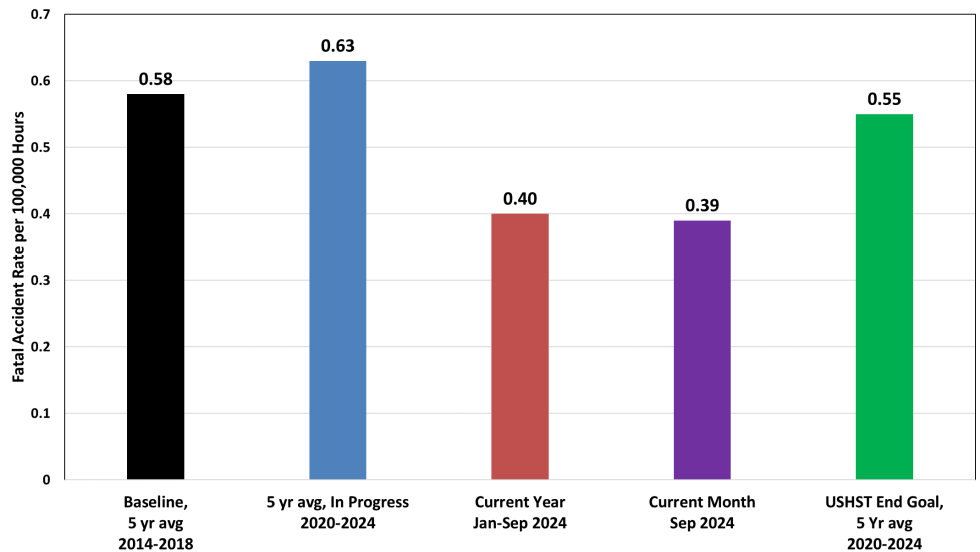
Metric	2020 - 2024	2019 - 2023
Avg Fatal Acc Rate	0.63	0.7
Avg Accident Rate	3.77	3.93
Year To Date	Current Year (CY24)	Previous Year (CY23)
Fatal Accidents	9	13
Accidents	70	79
Fatalities	19	23

Average number of days between fatal accidents:

- 2020: 18 days
- 2021: 17 days
- 2022: 21 days
- 2023: 19 days
- 2024: 27 days

Longest time between fatal accidents (past 5 yrs):

107 days (2020)



Fatal Accident Counter

9 : 14 : 58 : 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 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](#)



(3180 Members, 25 New)



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



Helicopter Safety OUTREACH events:

- [Push to Talk with Bruce Webb: A Helicopter Podcast](#)
Episode 37: Volunteer Work in Aviation (And Why You Should Consider It)
- [FAAST Blast - Week of 30 September, 2024](#)
- [USHST Summer 2024 Newsletter](#)



Safety Enhancement Quick List



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](#)

It is well known that fatigue-related deficits accumulate relative to factors such as long days, sleep debt, and night work. But how much fatigue is too much? Most rotorcraft operators have policies that enable crew members to take themselves out of duty if they feel too fatigued to safely perform their duties. This approach relies on crew-members' subjective self-assessment of their own level of fatigue-related deficits. This is problematic because re-search studies have shown that:

- *When we have sleep debt, we systematically underestimate the degree of our own alertness deficits.*
- *When we are fatigued, our perception about risk changes, and we are willing to accept more risk.*
- *Thresholds related to how much fatigue risk is acceptable will vary from person-to-person and may be biased by external factors related to production goals.*

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

VERT:CON
FORMERLY HAI HELI-EXPO
Dallas 2025 | POWERED BY VAI

[Rotorcraft Collective:](#)
Caution! Helicopter Wake Turbulence



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