USHST United States Helicopter Safety Team

Monthly Safety Report — January 2025

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!

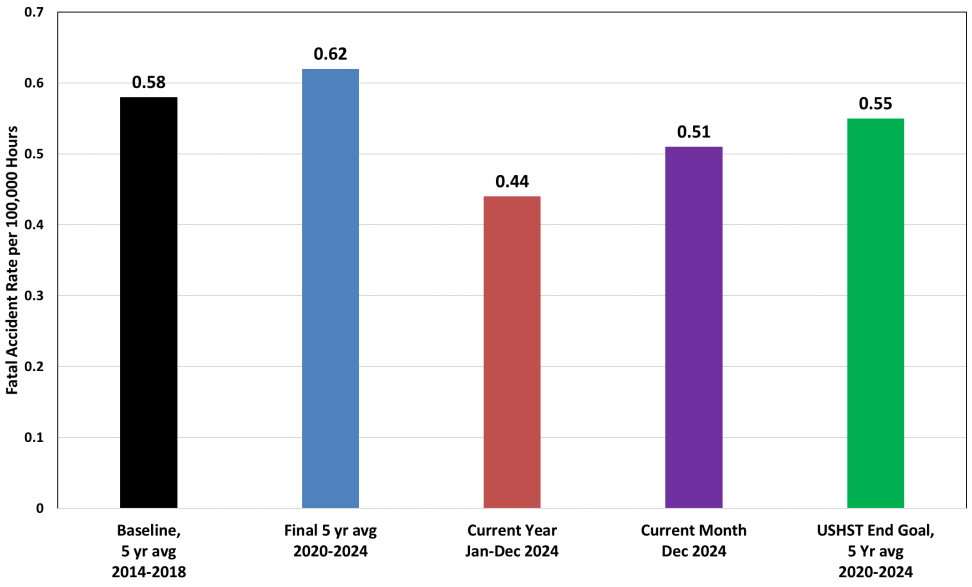
Metric	2020 - 2024	2019 - 2023
Avg Fatal Acc Rate	0.62	0.69
Avg Accident Rate	3.71	3.92
Year To Date	**Current Year (CY24)**	**Previous Year (CY23)**
Fatal Accidents	13	17
Accidents	89	101
Fatalities	30	29

Average number of days between fatal accidents:

2020: 18 days
2021: 17 days
2022: 21 days
2023: 19 days
2024: 26 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

23 : 21 : 44 : 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

(3227 Members, 6 New)

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

Helicopter Safety OUTREACH events:

- Latest USHST Webinar - Helicopter Wake Turbulence
- FAAST Blast - 9-15 Dec, 2024
- FAA Rotorcraft Accident Dashboard
- The Resilience Hub

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 and risk mitigation of scheduling factors leading to fatigue

Research 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.*

In this project, the USHST will develop guidance material for operators to establish a Fatigue Risk Management Program based on a quantitative objective framework to identify scenarios associated with elevated fatigue risk and to aid in the consistent and reliable execution of effective risk controls. Guidance material will take the form of a white paper to educate operators about the need for an FRMP; a GAP analysis tool to evaluate FRMP maturity; and a how to guide to establish an FRMP.

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

USHST Store
Challenge Coin Pictured

VAST VERTICAL AVIATION SAFETY TEAM

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