



# USHST

## United States Helicopter Safety Team



### Monthly Safety Report

### December 2022

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!**

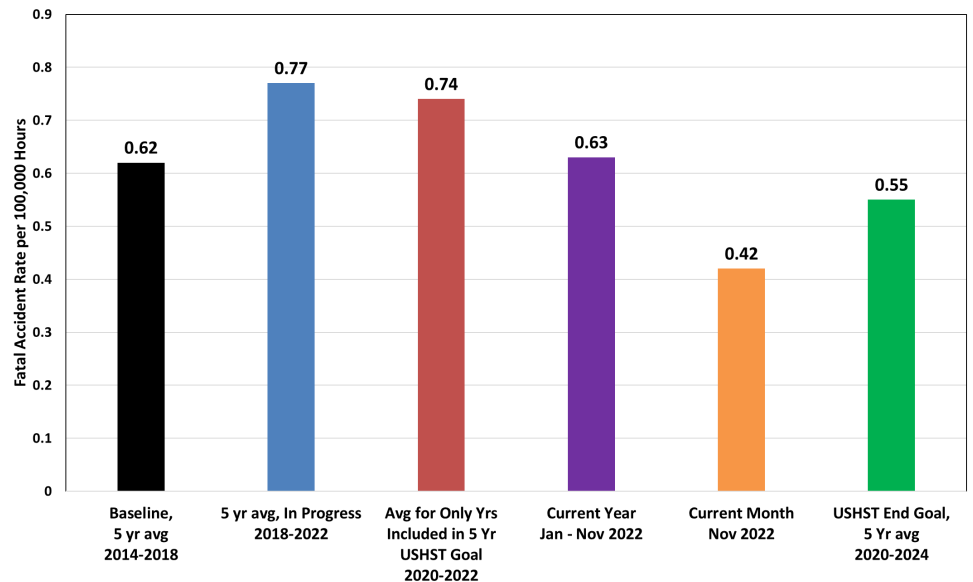
Metric	2018 - 2022	2017 - 2021
Avg <b>Fatal</b> Acc Rate	<b>0.77</b>	<b>0.76</b>
Avg Accident Rate	4.19	4.00
Year To Date	Current Year (CY22)	Previous Year (CY21)
<b>Fatal</b> Accidents	16	18
Accidents	117	107
Fatalities	27	35

### Average number of days between fatal accidents:

- 2018: 14 days
- 2019: 16 days
- 2020: 18 days
- 2021: 17 days
- 2022: 21 days

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

**107 days (2020)**



### Fatal Accident Counter

**14 : 00 : 41 : 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](#) (2537 Members, 5 New)

[USHST LinkedIn](#)

[USHST Twitter](#)



### Helicopter Safety OUTREACH events:

- Next USHST All Hands Webinar - **February 23, 2023, 1pm EST** [Register Today!](#)  
[Previous All Hands](#) - November 15, 2022
- [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 16 Helicopter - Safety Enhancements (H-SE) developed through data-driven analysis of 104 fatal accidents. The H-SE's use Outreach, Policy, Technology/Equipment, and Training to reduce fatal accidents in these categories.

#### [H-SE 123: Simulations for Safe Decision Making](#)

**Community should promote the wider use of all available simulation to create increased awareness and educate all pilots during ab initio training and front line operational recurrent training regarding the at risk situations identified by the USHST's data driven analysis**

1. USHST SEA Training Team will form an H-SE 123 team composed of simulation subject matter experts from FAA and industry.
2. H-SE 123 SME team will work to eliminate any barriers in existing guidance and oversight that may currently inhibit or discourage increased use of helicopter simulation devices. The specific intent is to prevent future fatal accidents by enabling a greater number of pilots to be safely educated on at risk scenarios at all levels of simulator training.
3. In parallel with Output 2, the USHST SEA Training Team will work with industry to identify specific at risk scenarios, address the feasibility of their inclusion or further emphasis in simulator training for both ab initio and recurrency sessions, promote their inclusion, and recommend how the most recently identified at risk scenarios can continue to be routed to the simulation training providers.

#### [VIDEO – Simulation: Learn From Your Mistakes](#)

[Recommended Practice: Simulation Training for Aviation Decision Making Scenario-Based Training to Improve Aviation Decision Making](#)

**USHST PRIORITY Safety Resources:**

[Videos](#)

[Safety Apps](#)

[USHST Report on Safety Enhancements](#)

## **US Helicopter Safety Team Press Release (November 2022):**

[USHST Searching for Next Industry Co-Chair!](#)



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