**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!

<table>
<thead>
<tr>
<th>Metric</th>
<th>2019 - 2023</th>
<th>2018 - 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avg Fatal Acc Rate</td>
<td>0.71</td>
<td>0.78</td>
</tr>
<tr>
<td>Avg Accident Rate</td>
<td>3.94</td>
<td>4.21</td>
</tr>
<tr>
<td><strong>Year To Date</strong></td>
<td><strong>Current Year (CY23)</strong></td>
<td><strong>Previous Year (CY22)</strong></td>
</tr>
<tr>
<td>Fatal Accidents</td>
<td>5</td>
<td>11</td>
</tr>
<tr>
<td>Accidents</td>
<td>35</td>
<td>59</td>
</tr>
<tr>
<td>Fatalities</td>
<td>13</td>
<td>19</td>
</tr>
</tbody>
</table>

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**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)

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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**

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[USHST LinkedIn]
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**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.**