**Monthly Safety Report**

**June 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

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<table>
<thead>
<tr>
<th>Metric</th>
<th>2018 - 2022</th>
<th>2017 - 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avg Fatal Acc Rate</td>
<td>0.78</td>
<td>0.75</td>
</tr>
<tr>
<td>Avg Accident Rate</td>
<td>3.96</td>
<td>3.96</td>
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<table>
<thead>
<tr>
<th>Year To Date</th>
<th>Current Year (CY22)</th>
<th>Previous Year (CY21)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fatal Accidents</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>Accidents</td>
<td>41</td>
<td>42</td>
</tr>
<tr>
<td>Fatalities</td>
<td>15</td>
<td>19</td>
</tr>
</tbody>
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**Average number of days between fatal accidents:**

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

USHST Facebook (2.4 K Members)  USHST LinkedIn  USHST Twitter

Helicopter Safety OUTREACH events:
- Next USHST All Hands Webinar - TBD
  Previous All Hands - (May 25, 2022)
- HAI Upcoming Events

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 28: The Final Walk Around
The pilot in command is responsible for determining the airworthiness of the aircraft he/she is operating (14 C.F.R. § 91.7). An adequate preflight inspection and final walk around is key to determining the condition of an aircraft prior to flight. Post-flight inspection also can help to identify issues prior to the next flight. One of the fatal accidents reviewed by the USHST in the LOC-I dataset involved inadequate aircraft inspections. The USHST believes that better guidance on both how and why to conduct these inspections, as well as increased attention to their importance, may mitigate such events in the future. To help prevent fatal helicopter accidents resulting from inadequate aircraft inspections before and after flight, the civil helicopter community should develop guidance on and increase awareness of the importance of preflight inspection, the “final walk around” (a final safety check prior to flight), and postflight inspection.

- Recommended Practice: Preflight, Final Walk Around and Postflight Inspection Guidelines
- 12 Rules to Live by for Your Pre-Flight Helicopter Inspection
- One Last Look Poster

USHST PRIORITY Safety Resources:  Videos  Safety Apps  USHST Report on Safety Enhancements

US Helicopter Safety Team Press Release (December 2021):
“56 Seconds to Live” Safety Course Wins AIN 2021 Top Flight Award