The USHST is a regional partner to the International Helicopter Safety Foundation.

**HOT**  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

<table>
<thead>
<tr>
<th>Metric</th>
<th>2017 - 2021</th>
<th>2016 - 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avg Fatal Acc Rate</td>
<td>0.70</td>
<td>0.68</td>
</tr>
<tr>
<td>Avg Accident Rate</td>
<td>3.73</td>
<td>3.71</td>
</tr>
<tr>
<td>Year To Date</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current Year (CY21)</td>
<td></td>
<td></td>
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<tr>
<td>Previous Year (CY20 YTD)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fatal Accidents</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Accidents</td>
<td>33</td>
<td>24</td>
</tr>
<tr>
<td>Fatalities</td>
<td>13</td>
<td>14</td>
</tr>
</tbody>
</table>

Previous count of days w/o fatal accidents:

5 days

Highest consecutive days w/o fatal accident:

- 107 days (2020)
- 93 days (2019)

Average days between fatal accident (5yr):

15 days

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 (2,143 Members, 29 New)  USHST LinkedIn  USHST Twitter

Helicopter Safety OUTREACH events:
- May 19, 2021 - 1pm EST, Next USHST All-Hands Webinar Register Here
- Previous All Hands – Vision Zero Degraded Visual Environment
- HAI Rotorcraft Calendar

The 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 in an effort to reduce fatal accidents from the leading occurrence categories of **Loss of Control - Inflight (LOC-I)**, **Unintended Flight into IMC (UIMC)**, and striking objects during **Low Altitude Operations (LALT)**.

**H-SE 81: Simulators and Outside-the-Envelope Flight Conditions:**

Provide recommendations for developing better mathematical/physics-based models for helicopter flight dynamics in order to achieve more realistic, higher-fidelity simulations of outside-the-envelope flight conditions. Current models are not accurate at edge-of-the-envelope and outside-of-the-envelope flight regimes. This may lead to unrealistic training of maneuvers such as loss of tail rotor effectiveness, vortex ring state/settling with power, and autorotations and a negative transfer of training when similar situations are encountered during actual flight.

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

**US Helicopter Safety Team Press Release:**
Path for Automatic Flight Control Systems in Light Helicopters