Monthly Safety Report
April 2021

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>3.76</td>
<td>3.71</td>
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<table>
<thead>
<tr>
<th>Year To Date</th>
<th>Current Year (CY21)</th>
<th>Previous Year (CY20 YTD)</th>
</tr>
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<tbody>
<tr>
<td>Fatal Accidents</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Accidents</td>
<td>27</td>
<td>17</td>
</tr>
<tr>
<td>Fatalities</td>
<td>10</td>
<td>13</td>
</tr>
</tbody>
</table>

Duration between preceding fatal accidents: **24 days**

PREVIOUS records (5 yr) - consecutive days w/o fatal accident:

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

Avg days between fatal accident (5 yr): **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 (2,114 Members, 89 New)  USHST LinkedIn  USHST Twitter

Helicopter Safety OUTREACH events:
May 2021 - Next USHST All Hands Webinar
Previous USHST All Hands Event – Degraded Visual Environment
April HAI Working Groups

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 70: Stability Augmentation System/Autopilot:
A desired safety enhancement that recommended technology and equipment solutions to reduce fatal rotorcraft accidents. The initial scope summary stated: “Industry and Federal Aviation Administration (FAA) to encourage development and installation of a stability augmentation system (SAS) and/or autopilot in light helicopters.” See Press Release Below.

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