**Monthly Safety Report**

July 2021

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

**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

### Metric

<table>
<thead>
<tr>
<th></th>
<th>2017 - 2021</th>
<th>2016 - 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Avg Fatal Acc Rate</strong></td>
<td>0.72</td>
<td>0.69</td>
</tr>
<tr>
<td><strong>Avg Accident Rate</strong></td>
<td>3.84</td>
<td>3.78</td>
</tr>
</tbody>
</table>

### Year To Date

<table>
<thead>
<tr>
<th></th>
<th>Current Year (CY21)</th>
<th>Previous Year (CY20 YTD)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fatal Accidents</strong></td>
<td>10</td>
<td>9</td>
</tr>
<tr>
<td><strong>Accidents</strong></td>
<td>54</td>
<td>40</td>
</tr>
<tr>
<td><strong>Fatalities</strong></td>
<td>20</td>
<td>21</td>
</tr>
</tbody>
</table>

**Previous count of days w/o fatal accidents:**

12 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 (2,240 Members, 39 New) USHST LinkedIn USHST Twitter

Helicopter Safety OUTREACH events:
- July 21, 2021 - 1-3pm EST, Next USHST All-Hands Webinar Register Soon
  Previous All Hands – Low Altitude Operations (May 2021)
- HAI Upcoming Events

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 90: UAS in High Risk Environments
- Applications that can be performed by UAS or an OPA continue to grow.
- Their supplement & support to operations is logical when manned operations are high risk, in low level situations, especially near wires.
- Mitigate risks in situations in which manned flight puts individuals at unnecessary risks of injury or death, and suitable unmanned or autonomously assisted options exist to support or supplement the operations.

Encourage the use of UAS (Unmanned Aircraft Systems), and continued development/integration of OPA (Optionally Piloted Aircraft) or autonomy-enabled helicopters, to supplement and support manned operations in high-risk operations or environments.

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

US Helicopter Safety Team Press Release:
International Rotorcraft Community Launches Collaborative Safety Program