Monthly Safety Report
February 2022

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

<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>0.79</td>
<td>0.75</td>
</tr>
<tr>
<td>Avg Accident Rate</td>
<td>4.00</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>
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<tbody>
<tr>
<td>Fatal Accidents</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Accidents</td>
<td>4</td>
<td>9</td>
</tr>
<tr>
<td>Fatalities</td>
<td>2</td>
<td>0</td>
</tr>
</tbody>
</table>

Highest consecutive days w/o fatal accident:

107 days (2020)

Average days between fatal accident (5yr):

17 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 (2,373 Members, 25 New)
- USHST LinkedIn
- USHST Twitter

Helicopter Safety OUTREACH events:
- USHST All Hands Webinar - 1-3pm EDT, 23 February 2022 Register Here!
  Previous All Hands - Winter is Coming! (December 2021)
- 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 130: Hazards of Over-the-Counter Medication
- Checklist: What Over-the-Counter Medications Can I Take and Still be Safe to Fly?
- Over-the-Counter Medication Safety Bulletin
The expectation is that this H-SE will energize the helicopter community to increase awareness of the potentially disastrous results of flying while impaired by OTC medications. By expanding awareness of the hazards of certain OTC medications, the helicopter community can reduce fatal accidents. To achieve increased awareness, methods to convey the effects of OTC medications on one’s ability to fly in a way that is understandable and lasting should be considered. This should include research into utilizing readily available simulation technology that permits pilots to experience some of the potential consequences of impaired flying.
  1. USHST Outreach Team educate the helicopter community on the impairment caused by certain OTC medications through a variety of messaging through media and face to face events.
  2. Discuss the feasibility and plan the development of virtual reality (VR) or augmented reality impairment simulation.
  3. As appropriate, conduct formal validation of the simulation to determine effects on pilot performance.

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