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>Avg Fatal Acc Rate</td>
<td>0.75</td>
<td>0.70</td>
</tr>
<tr>
<td>Avg Accident Rate</td>
<td>3.94</td>
<td>3.85</td>
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### Year To Date

<table>
<thead>
<tr>
<th></th>
<th>Current Year (CY21)</th>
<th>Previous Year (CY20)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fatal Accidents</td>
<td>22</td>
<td>19</td>
</tr>
<tr>
<td>Accidents</td>
<td>114</td>
<td>92</td>
</tr>
<tr>
<td>Fatalities</td>
<td>42</td>
<td>35</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.

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USHST LinkedIn  
USHST Twitter

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 127a: Recognition & Recovery of Spatial Disorientation**
To help prevent fatal helicopter accidents resulting from spatial disorientation (SD), the helicopter community should promote the wider use of available SD simulation technology and training scenarios to create further awareness of impairment from SD and how to recover from such an event. Within the UIMC dataset, there were five accidents where a pilot’s incapacitation by spatial disorientation was either the cause or a contributing factor to the accident.

This H-SE proposes education initiatives and use of SD simulation as part of the helicopter simulator training sessions. Intervention Strategy (IS) 132 was merged into H-SE 127A. IS 32 recommended training by industry to emphasize the use of all available resources installed on the aircraft (to include automation, such as increased use of autopilot).

1. Review existing SD training products for inclusion in helicopter specific SD training.
2. Create helicopter unique SD training products to include simulation technology. 05/22/2019 Rev 2 Page 2
3. Distribute SD training products to flight training providers and owners/operators and track use of SD training products.

**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