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

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.

### Safety by the Numbers!

<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>0.74</td>
<td>0.70</td>
</tr>
<tr>
<td>Avg Accident Rate</td>
<td>3.93</td>
<td>3.85</td>
</tr>
<tr>
<td>Year To Date</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fatal Accidents</td>
<td>17</td>
<td>17</td>
</tr>
<tr>
<td>Accidents</td>
<td>96</td>
<td>83</td>
</tr>
<tr>
<td>Fatalities</td>
<td>34</td>
<td>32</td>
</tr>
</tbody>
</table>

**Highest consecutive days w/o fatal accident:**

107 days (2020)

**Average days between fatal accident (5yr):**

17 days

**Fatal Accident Counter**

30 : 23 : 27 : 56

Days : Hours : Mins : Secs
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 (2,301 Members, 18 New)       USHST LinkedIn       USHST Twitter

Helicopter Safety OUTREACH events:
• NEW USHST All Hands Webinar - Wed, 1 Dec, 1-3pm EST Register
  Previous All Hands - Low Altitude Operations (May 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 124: Understanding of Basic Helicopter Aerodynamics
FAA and industry to review and revise materials explaining basic helicopter aerodynamics to emphasize recognition of unsafe aerodynamic situations and apply appropriate corrective actions.
1. FAA and industry to review the Helicopter Flying Handbook (FAA-H-8083-21A) and Helicopter Instructor’s Handbook (FAA-H-8083-4) and pertinent Advisory Circulars to assess explanations of unsafe aerodynamic situations and provide recommendations for revisions.
2. FAA to revise the Helicopter Flying Handbook and Helicopter Instructor’s Handbook and pertinent Advisory Circulars concerning unsafe aerodynamic situations, to include vortex ring state, low G mast bumping, and low RPM rotor stall guidance.
3. FAA to issue advisory circular on the Vuichard Recovery Technique from vortex ring state.
4. FAA to revise AC 61-83, as amended (Nationally Scheduled, FAA-Approved, Industry-Conducted Flight Instructor Refresher Course) to add critical helicopter aerodynamics to the core topic list.
5. USHST SEA Training Team to develop presentations/promotional materials regarding identification of and response to vortex ring state, low RPM rotor stall, and low G mast bumping for use by the training community.

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

US Helicopter Safety Team Press Release (June 1, 2021):
International Rotorcraft Community Launches Collaborative Safety Program