Attend the Vertical Aviation Safety Team 2022 Global Conference

Join Your Colleagues in Improving Safety in the VTOL Industry

Special Tracks for: Operations | Maintenance | Advanced Air Mobility
Hear Industry Leaders on: Technology | Best Practices | Infrastructure
Lessons Learned | The Future of VTOL

3 Days of Networking & Education!

CONFERENCE AGENDA

DAY 1
Sessions for the Global VTOL Community

DAY 2
Three Focus Areas
- Operations
- Maintenance
- Advanced Air Mobility

DAY 3
Global Perspectives
- Safety
- Technology
- Heliports

*Registration required for all attendees, including those seeking WINGS, AMT, or Inspection Authorization credits.

Take Part in the New Era of Collaboration in VTOL Safety Culture!
The USHST is a regional partner to the Vertical Aviation Safety Team (VAST).

**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>0.80</td>
<td>0.76</td>
</tr>
<tr>
<td>Avg Accident Rate</td>
<td>4.23</td>
<td>4.04</td>
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<tr>
<td>Year To Date</td>
<td></td>
<td></td>
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<tr>
<td><strong>Fatal Accidents</strong></td>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td><strong>Accidents</strong></td>
<td>88</td>
<td>76</td>
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<tr>
<td><strong>Fatalities</strong></td>
<td>23</td>
<td>27</td>
</tr>
</tbody>
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Average number of days between fatal accidents:

- 2018: 14 days
- 2019: 16 days
- 2020: 18 days
- 2021: 17 days
- 2022: 19 days

Longest time between fatal accidents (past 5 yrs):

- 107 days (2020)

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 (2514 Members, 4 New)  USHST LinkedIn  USHST Twitter

Helicopter Safety OUTREACH events:
- Next USHST All Hands Webinar - September 26th, 1pm EST Register Here
  Previous All Hands - (May 25, 2022)
- 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 82: Helicopter Flight Data Monitoring
- The majority of fatal accidents had a lack of sufficient data to aid investigators in comparison with commercial aviation.
- Data recording devices enable proactive intervention before an event occurs.
- Flight data monitoring system could have made a difference if it was operated as part of a voluntary safety program.
- Hazardous behaviors identified with the opportunity to break the accident chain before it resulted in a fatality.

Encourage the industry to equip as many helicopters within the rotorcraft community with helicopter flight data monitoring recording devices as possible.

Project:
1. The FAA and industry develop an educational outreach campaign.
2. To better promote installation and use of data recording devices, the FAA should clarify policy issues.

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