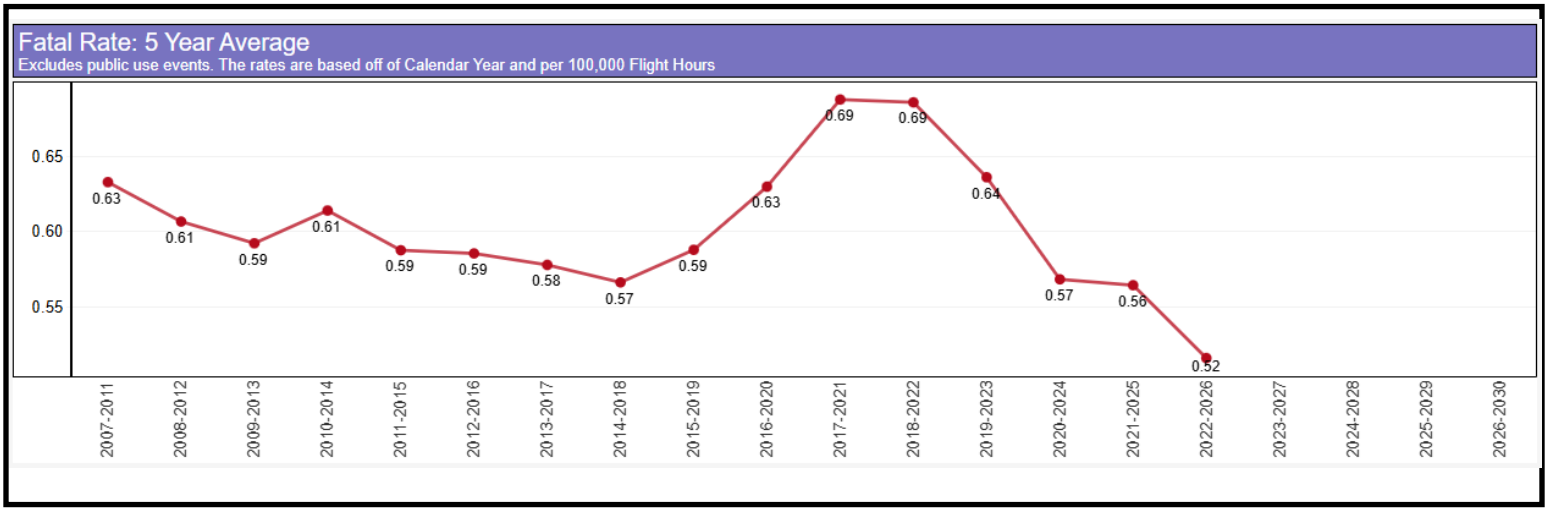
USHST United States Helicopter Safety Team

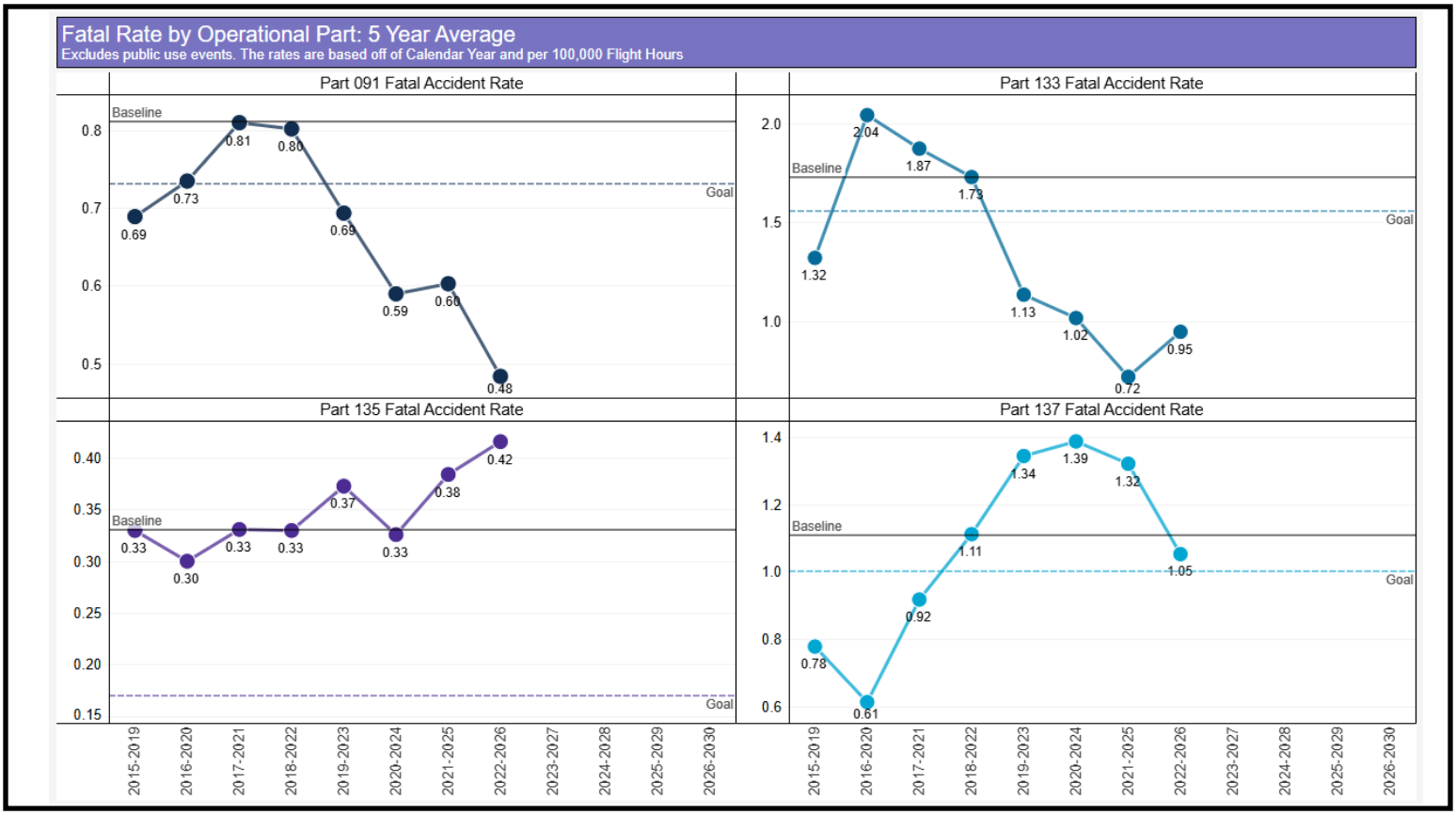
Monthly Safety Report — May 2026

The USHST is a regional partner to the Vertical Aviation Safety Team (VAST).

USHST MISSION: To develop, deliver, and promote valuable safety resources focused on improving the US helicopter community's safety culture and performance.

USHST Vision: A civil registered helicopter community without fatal accidents





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 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

(4258 Members, 217 New)

Join the USHST - Scan the QR code to receive a free Hughes App subscription & USHST Membership Card

Helicopter Safety OUTREACH events:

- Beware of the Green Dot Syndrome (The Rotorcraft Collective)
- Salute to Excellence 2027
- Recognize the Early Signs of an Undesired Aircraft State
- What Can We Learn From Fatal Helicopter Collision Over the Gold Coast?
- FAA Safety Briefing Magazine: Rotorcraft Safety Insights

Helicopter - Safety Enhancement (H-SE) Details

H-SE 2023-05, Training on effects of adverse wind situations.

In general, helicopter aerodynamics are very complex and while there is an academic requirement currently in all rotorcraft training, the content is often provided to trainers in a way that is an oversimplification. This creates a scenario that can result in trainers and students not realizing the limits of the knowledge they have acquired. The goal of this H-SE is to better illustrate the hazards posed by adverse winds on rotorcraft performance, especially when operating at low airspeeds. As an example, similar, but unrelated efforts, have been undertaken in the fixed wing world around loss of control events and the use of Angle-of-Attack (AOA) indicators.

Three Project Outputs:

1. Define Adverse Wind situations in terms of the individual operator (include single pilot, & ops specific considerations).
2. Promote knowledge base criteria and training strategies for effective risk management and decision making when operating at low airspeeds in vertical flight regimes.
3. Improve mentoring by engaging trainers and operators who have operational experience in these areas and are willing to act as champions of best practices. The intent is help the individual or organization being mentored to gain the knowledge and skill to establish effective decision making and safety in their own operations.

USHST PRIORITY Safety Resources: Videos USHST Safety App Original H-SE Summation Report

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