Fatal Accident Rate, Fatality Rate, and Accident Rate Update

1st Quarter (Jan-Mar), Calendar Year 2018

Compiled: April 6, 2018
USHST Goal

• 20% reduction in the U.S. helicopter fatal accident rate by CY2020
  – Four year goal
    • Start Date: January, 2016
    • End Date: December, 2019

  – Baseline for measurement
    • 5 year average for the U.S. fatal accident rate
    • Average of CYs 09-10, 12-14 = 0.76
    • CY11 excluded due to problems with FAA’s GA Survey that year

  – To achieve goal of a 20% reduction by CY2020:
    • Fatal accident rate reduced from 0.76 to 0.61 or less by the end of CY 2019
Source of flight hours for rate calculations

• FAA’s General Aviation and Part 135 Activity Survey:
  – Used for all years 2016 and prior (2009-10, 2012-16)

• FAA’s FY 2018-2038 Aerospace Forecast (released March 2018):
  – Used for 2017-2018

• 2017 changes from previous reports
  – Flight hours reduced by 5.2% from previous Aerospace Forecast estimate
  – Rates increased with reduction in flight hours
  – Flight hours and rates will be finalized with release of the 2017 GA & Part 135 Activity Survey in late 2018
U.S. Helicopter Fatal Accident Rate

Goal by end of CY 2019:
20% reduction from 5 year baseline

Flight hours source:
-5 Yr Baseline and 2016 from FAA's GA & Part 135 Activity Survey.
U.S. Helicopter Fatality Rate

Flight hours source:
U.S. Helicopter Fatal Accident & Fatality Rate

Flight hours source:
- 2014-16 from FAA’s GA & Part 135 Activity Survey.
U.S. Helicopter Accident Rate

Flight hours source: