Fatal Accident Rate, Fatality Rate, and Accident Rate Update

Jan-Apr 2019

Compiled: May 1, 2019
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 2017 and prior (2009-10, 2012-17)

• FAA’s FY 2019-2039 Aerospace Forecast (released May 2019):
  – Used for 2018-19
  – 2018 estimated flight hours increased 2.27% over previous estimates
  – Result was the following decreases in the 2018 rates:
    • Fatal Accidents, from 0.72 to 0.70
    • Fatalities, from 1.64 to 1.61
    • Accidents, from 3.62 to 3.54
U.S. Helicopter Fatal Accident Rate

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

Flight hours source:
U.S. Helicopter Fatality Rate

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

Flight hours source:
- 2014-17 from FAA’s GA & Part 135 Activity Survey.
U.S. Helicopter Accident Rate

Flight hours source:
- 2014-17 from FAA’s GA & Part 135 Activity Survey.