Fatal Accident Rate, Fatality Rate, and Accident Rate Update

Through 3rd Quarter (Jan-Sep) Calendar Year 2016

Compiled: October 2016
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 2015 and prior (2009-10, 2012-15)

- FAA’s FY 2016-2036 Aerospace Forecast:
  - Used for 2016
U.S. Helicopter Fatal Accident Rate

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

Flight hours source:
- 5 Yr Baseline from FAA’s GA & Part 135 Activity Survey.
- 2016 from FAA’s Aerospace Forecast FY2016-2036.
U.S. Helicopter Fatality Rate

Rate per 100,000 Flight Hours

Calendar Year

Flight hours source:
- Years 12-15 from FAA’s GA & Part 135 Activity Survey.
- 2016 from FAA’s Aerospace Forecast FY2016-2036.
U.S. Helicopter Fatal Accident & Fatality Rate

Flight hours source:
- Years 12-15 from FAA's GA & Part 135 Activity Survey.
- 2016 from FAA's Aerospace Forecast FY2016-2036.
U.S. Helicopter Accident Rate

![Graph showing the U.S. Helicopter Accident Rate from 2012 to 2016. The accident rate decreased from 4.49 in 2012 to 3.28 in Jan-Jun 2016.]

Flight hours source:
- Years 12-15 from FAA’s GA & Part 135 Activity Survey.
- 2016 from FAA’s Aerospace Forecast FY2016-2036.