Fatal Accident Rate, Fatality Rate, and Accident Rate Update

1st through 3rd quarter update (Jan – Sep)
Calendar Year 2018

Compiled: October 1, 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 2017 and prior (2009-10, 2012-17)
  - 2017 survey results released at the end of September
  - Slightly more hours flown than forecast
  - Additional hours resulted in reduction to 2017 rates

- FAA’s FY 2018-2038 Aerospace Forecast (released March 2018):
  - Used for 2018
U.S. Helicopter Fatal Accident Rate

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

Flight hours source:
-2018 from FAA’s Aerospace Forecast FY2018-2038.
U.S. Helicopter Fatality Rate

Flight hours source:
- 2014-17 from FAA’s GA & Part 135 Activity Survey.
- 2018 from FAA’s Aerospace Forecast FY2018-2038.
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.
-2018 from FAA’s Aerospace Forecast FY2018-2038.