Fatal Accident Rate, Fatality Rate, and Accident Rate Update
2nd Quarter, Calendar Year 2016

July 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 2014 and prior (2009-10, 2012-14)

• FAA’s FY 2016-2036 Aerospace Forecast:
  – Used for years 2015 and 2016
U.S. Helicopter Fatal Accident Rate

Flight hours source:
- 5 Yr Baseline from FAA's GA & Part 135 Activity Survey.
- 2016 from FAA's Aerospace Forecast FY2016-2036.

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

0.39, Jan-Mar

0.76
0.73
0.69
0.65
0.61

Rate per 100,000 Flight Hours

5 Yr Baseline

Calendar Year

Fatal Accidents
Annual Milestones
U.S. Helicopter Fatality Rate

Flight hours source:
- Years 12-14 from FAA's GA & Part 135 Activity Survey.
- Years 15-16 from FAA's Aerospace Forecast FY2016-2036.

0.78, Jan-Mar
U.S. Helicopter Fatal Accident & Fatality Rate

Flight hours source:
- Years 12-14 from FAA's GA & Part 135 Activity Survey.
- Years 15-16 from FAA's Aerospace Forecast FY2016-2036.
U.S. Helicopter Accident Rate

Flight hours source:
- Years 12-14 from FAA’s GA & Part 135 Activity Survey.
- Years 15-16 from FAA’s Aerospace Forecast FY2016-2036.