Fatal Accident Rate, Fatality Rate, and Accident Rate Update
1st Quarter, Calendar Year 2016

April 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
  – 2012-2014 rate calculations
  – 5 Yr Fatal Accident Rate Baseline

• FAA’s FY 2016-2036 Aerospace Forecast (FAA Forecast) used for:
  – 2015-2016 rate calculations
U.S. Helicopter Fatal Accident Rates

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 Rates

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 Fatal Accident & Fatality Rates

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 Rates

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