Rotorcraft Accident Dashboard

Data Refresh Schedule: Every Tuesday at 1:00 AM ET

Dashboard Navigation | Historical Briefing > | Make Model Breakdown >

Fiscal Year Briefing

Report Month: Oct 2024

Click on icon for help ?

FY25: October

8 Total Accidents
▲14% vs. Same Period, Previous FY
▼5% vs. Same Period, 5 Year Average

2 Fatal Accidents
▲100% vs. Same Period, Previous FY
▲25% vs. Same Period, 5 Year Average

7 Fatalities
▲600% vs. Same Period, Previous FY
▲218% vs. Same Period, 5 Year Average

3.07 Accident Rate (per 100K hours)
▲11% vs. Same Period, Previous FY
▼11% vs. Same Period, 5 Year Average

0.77 Fatal Accident Rate (per 100K hours)
▲94% vs. Same Period, Previous FY
▲17% vs. Same Period, 5 Year Average

2.69 Fatality Rate (per 100K hours)
▲580% vs. Same Period, Previous FY
▲199% vs. Same Period, 5 Year Average

*5 Year Average Rates are for reference, 5 year rates are not normally distributed.

U.S. Registered Rotorcraft Event Counts

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Grand Total
Total Accidents	8												8
Fatal Accidents	2												2
Fatalities	7												7

Same time period, previous FY:
Accidents: **7**; Fatal Accidents: **1**; Fatalities: **1**.

Total Accidents: 8 | Fatal Accidents: 2 | Fatalities: 7

Estimated Rates by Month (per 100,000 flight hours)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Grand Total
Accident Rate	3.07												3.07
Fatal Accident Rate	0.77												0.77
Fatality Rate	2.69												2.69

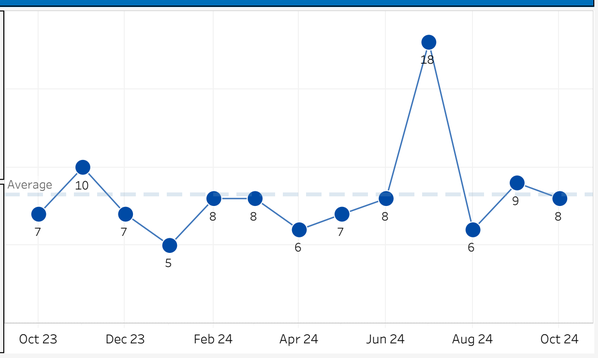
Same time period, previous FY:
Accident Rate: **2.77**; Fatal Accident Rate: **0.40**; Fatality Rate: **0.40**.

Accident Rate: 3.07 | Fatal Accident Rate: 0.77 | Fatality Rate: 2.69

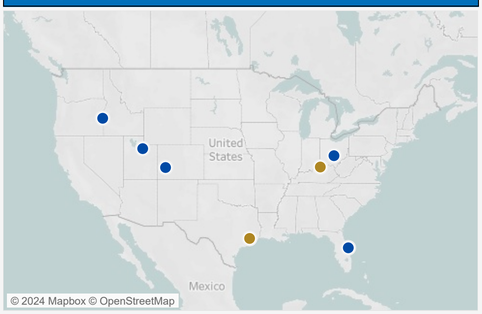
U.S. Registered Rotorcraft 13 Month Accident Count

vs. Same Month Previous Year: ▲14%

vs. 12 Month Average: ▼3%



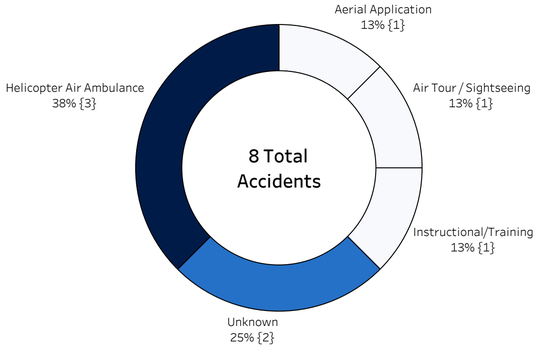
Accident Details



Map | Summary

Accidents by Industry Sector

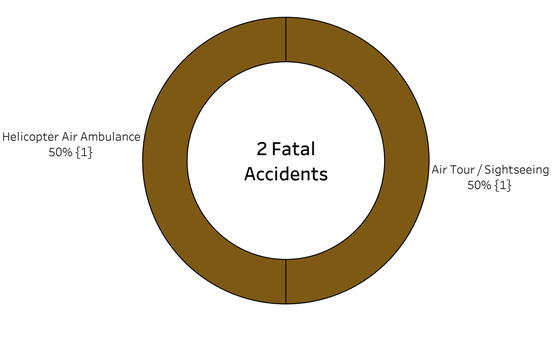
All Accidents



Aerial Application	13% {1}
Air Tour / Sightseeing	13% {1}
Instructional/Training	13% {1}
Unknown	25% {2}
Helicopter Air Ambulance	38% {3}

FY to Date | This Month

Fatal Accidents



Air Tour / Sightseeing	50% {1}
Helicopter Air Ambulance	50% {1}

FY to Date | This Month

The following notes apply to the charts above:
Data is subject to change
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*For rate calculations, FY 2023-24 rotorcraft flight hours were based on the FAA's FY2024-2044 forecast (released April 2024). Historic rotorcraft flight hours were extracted from General Aviation and Part 135 Activity Survey. The forecast and survey categorize flight hours by calendar year.

Rotorcraft Accident Dashboard

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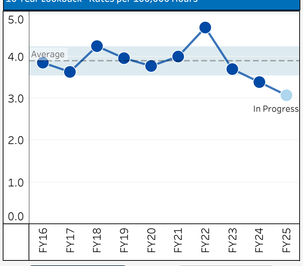
Historical Briefing

Report Month: Oct 2024

Click on icon for help ?

Estimated Rotorcraft Accident Rate by FY

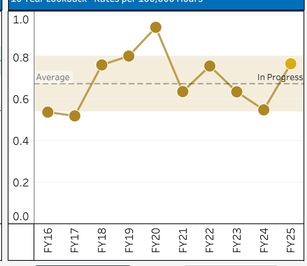
10 Year Lookback - Rates per 100,000 Hours



Accident Rates | Learn More

Estimated Rotorcraft Fatal Rate by FY

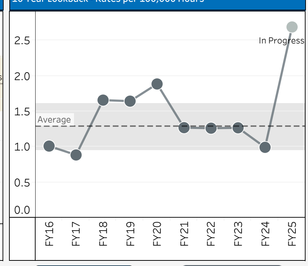
10 Year Lookback - Rates per 100,000 Hours



Fatal Rates | Learn More

Estimated Rotorcraft Fatality Rate by FY

10 Year Lookback - Rates per 100,000 Hours



Fatality Rates | Learn More

	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25
Accident Rate	3.85	3.63	4.25	3.96	3.77	4.00	4.69	3.70	3.39	3.07
Fatal Accident Rate	0.54	0.52	0.76	0.81	0.94	0.64	0.76	0.63	0.55	0.77
Fatality Rate	1.01	0.89	1.66	1.64	1.89	1.27	1.26	1.27	0.99	2.69

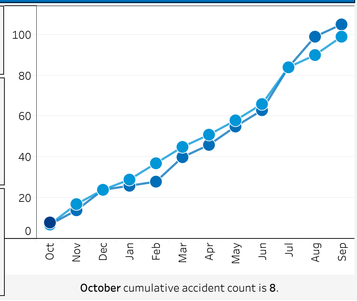
*Average Rates and Standard Deviation Ranges are for reference, rates are not normally distributed.

Cumulative Accident Count

FY: 2025, 2024, 2023

October 5 Year Average: 8.4

vs. 5 Year Average: ▼5%



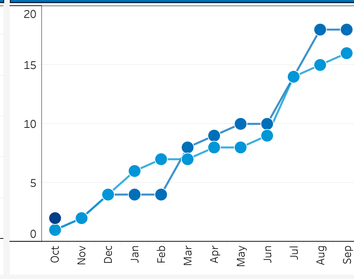
October cumulative accident count is **8**.

Cumulative Fatal Accident Count

FY: 2025, 2024, 2023

October 5 Year Average: 1.6

vs. 5 Year Average: ▲25%



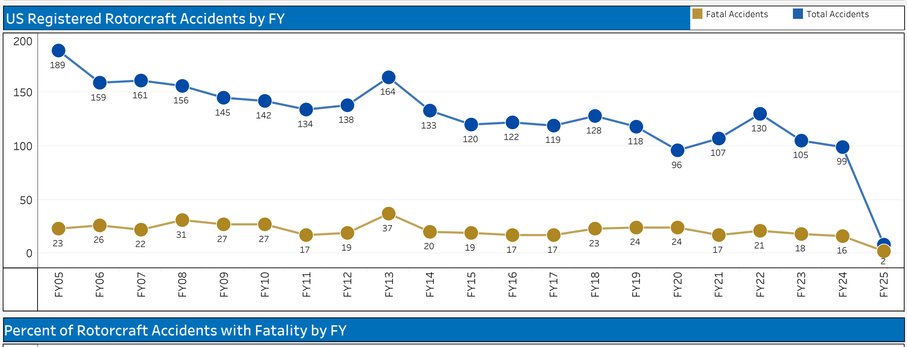
October cumulative fatal accident count is **2**.

Select a FY Range to view for charges below

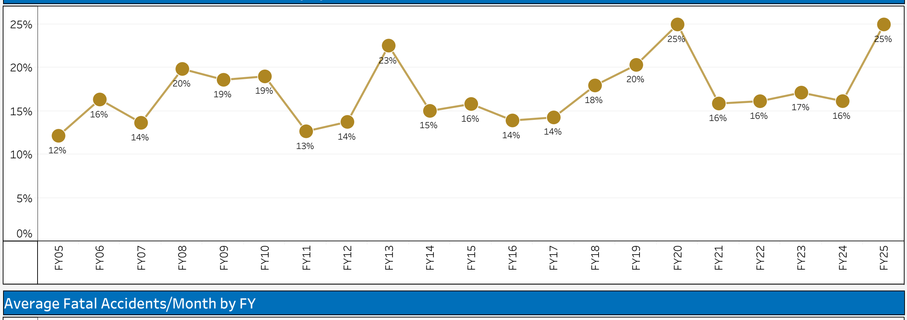
Past N Fiscal Years: 20

US Registered Rotorcraft Accidents by FY

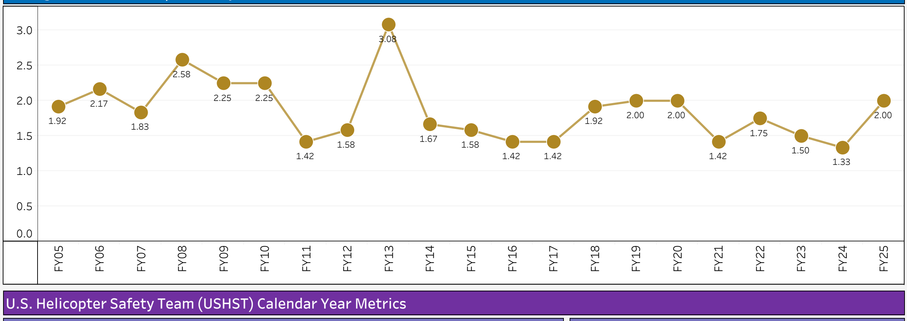
Fatal Accidents | Total Accidents



Percent of Rotorcraft Accidents with Fatality by FY



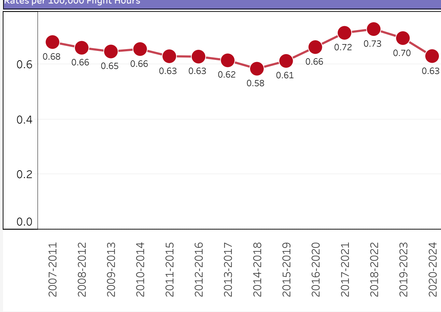
Average Fatal Accidents/Month by FY



U.S. Helicopter Safety Team (USHST) Calendar Year Metrics

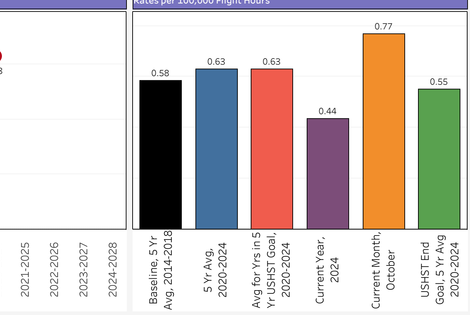
Fatal Rate: 5 Year Average

Rates per 100,000 Flight Hours



Key Fatal Rate Markers

Rates per 100,000 Flight Hours



USHST Current Goal: Reduce 5 Year Average Fatal Accident Rate to .55 per 100K Flight Hours.

The following notes apply to all the charts above:

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Make Model Breakdown

Report Month: Oct 2024

Click on icon for help ?

Aircraft Make: All

U.S. Registered Rotorcraft Accidents FY25: October

Total Accidents

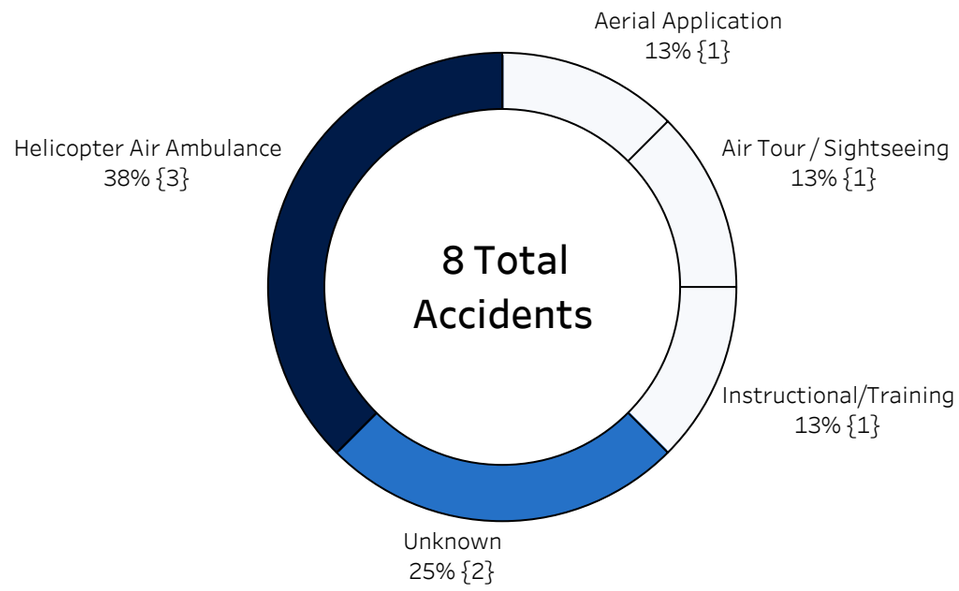
100% {8}

Fatal Accidents

100% {2}

Fatalities

100% {7}



All | Fatal

Fatal Accidents Brief Summary

Pending	**10/20/2024**	- Robinson R44, N881KE, Part 091, Houston, TX, 4 fatal - Night Sightseeing flight w/3 passengers. - Helicopter struck 1,003 foot radio tower about 100 feet from the top of the tower. The a/c crashed, the tower crashed on top of it, and a post-crash fire occurred.
Pending	**10/7/2024**	- Bell 206Ls, N230AE, Part 135, Owenton, KY, 3 fatal - Helicopter Air Ambulance flight w/pilot, flight nurse and medic on board. - During approach to a landing zone adjacent to a local high school, the a/c struck a guy wire supporting a transmission tower that was 601 feet AGL. Witnesses described the main rotor system separated in-flight after the strike.

U.S. Registered Rotorcraft Accidents by Make and Model

Only models with an accident are listed

		U.S. Fleet Size (Registered and Active)	Percentage of Total U.S. Fleet (Registered and Active)	Number of U.S. Registered Accidents	Percentage of Total U.S. Registered Accidents	Number of U.S. Registered Fatal Accidents	Percentage of Total U.S. Registered Fatal Accidents
Bell	206Ls	514	4%	2	25%	1	50%
Enstrom	280	113	1%	1	13%	0	0%
Leonardo	A109	142	1%	1	13%	0	0%
Robinson	R22	753	6%	1	13%	0	0%
	R44	1,680	14%	2	25%	1	50%
Schweizer	269	425	4%	1	13%	0	0%

113 1,680 | 1% 14% | 1 2 | 13% 25% | 0 1 | 0% 50%

The following notes apply to the charts above:

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*Fleet size counts may vary from what was previously reported based on analysis of the FAA registry.

*Any listed Percentage of Total U.S. Fleet (Registered and Active) of ”0%” is greater than zero, but rounded to the nearest whole percent.