

COMPARATIVE U. S. CIVIL HELICOPTER SAFETY TRENDS

Through 3rd Quarter for Each Year Indicated

January 1 - September 30, 2007- 2003

<u>Civil helicopters- estimated hours flown¹:</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>
Total helicopter hours flown (in millions) (*FAA Flight Hours Revised in February 2007)	2.589	2.460*	2.292*	1.902*	1.602*
<u>Number of civil helicopter accidents²:</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>
Total number of civil helicopter accidents	139	132	163	142	167
Total number of fatal helicopter accidents	17	22	19	27	27
Total number of fatalities	30	37	33	59	50
Total number of serious injuries	28	29	39	26	39
Total number of minor injuries	48	53	71	54	64
<u>Accident rate per 100,000 flying hours:</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>
Accident rate	5.36	5.37	7.11	7.47	10.42
Fatal accident rate	0.66	0.89	0.83	1.42	1.69
Fatal injuries rate	1.16	1.50	1.44	3.10	3.12
Serious injuries rate	1.08	1.18	1.70	1.37	2.43
Minor injuries rate	1.85	2.15	3.10	2.84	4.00
<u>Safety Statistics By Helicopter Type:</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>
Estimated Total Flight Hours ¹ (in millions):					
Single Engine Turbine:	1.569	1.515	1.464	1.212	1.014
Multi-Engine Turbine:	0.393	0.378	0.366	0.303	0.252
Reciprocating:	0.627	0.567	0.462	0.387	0.336
Total Number of Accidents ² :					
Single Engine Turbine:	58	51	60	62	61
Multi-Engine Turbine:	6	11	14	10	15
Reciprocating:	77	70	89	70	91
Total Number of Fatal Accidents ² :					
Single Engine Turbine:	10	7	11	15	12
Multi-Engine Turbine:	0	3	3	2	4
Reciprocating:	6	12	5	10	11
Total Number of Fatalities ² :					
Single Engine Turbine:	18	12	20	33	29
Multi-Engine Turbine:	0	4	6	12	5
Reciprocating:	12	21	7	14	16
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	3.70	3.37	4.10	5.12	6.02
Multi-Engine Turbine:	1.53	2.91	3.83	3.30	5.95
Reciprocating:	12.28	12.35	19.26	18.09	27.08
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.64	0.46	0.75	1.24	1.18
Multi-Engine Turbine:	0.00	0.79	0.82	0.66	1.58
Reciprocating:	0.96	2.12	1.08	2.58	3.27
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	1.15	0.79	1.37	2.72	2.86
Multi-Engine Turbine:	0.00	1.06	1.64	3.96	1.98
Reciprocating:	1.91	3.70	1.52	3.62	4.76

Sources: 1- FAA Aerospace Forecasts Fiscal Years 2007-2020

2 - NTSB and FAA Preliminary Accident Reports (Posted through 12/4/2007; two accidents involved collision of two helicopters.)