

# COMPARATIVE U. S. CIVIL HELICOPTER SAFETY TRENDS

Comparative Statistics for Each Year Through 2nd Quarter

January 1 - June 30, 2007 - 2003

<b>Civil helicopters- estimated hours flown<sup>1</sup>:</b>	<b><u>2007</u></b>	<b><u>2006</u></b>	<b><u>2005</u></b>	<b><u>2004</u></b>	<b><u>2003</u></b>
Total helicopter hours flown (in millions)	1.726	1.640*	1.528*	1.268*	1.068*
(*FAA Flight Hour Estimates revised in February 2007)					
<b>Number of civil helicopter accidents<sup>2</sup>:</b>	<b><u>2007</u></b>	<b><u>2006</u></b>	<b><u>2005</u></b>	<b><u>2004</u></b>	<b><u>2003</u></b>
Total number of civil helicopter accidents	78	90	90	74	110
Total number of fatal helicopter accidents	10	15	9	12	20
Total number of fatalities	17	23	15	30	31
Total number of serious injuries	20	26	21	15	25
Total number of minor injuries	27	41	41	24	42
<b>Accident rate per 100,000 flying hours:</b>	<b><u>2007</u></b>	<b><u>2006</u></b>	<b><u>2005</u></b>	<b><u>2004</u></b>	<b><u>2003</u></b>
Accident rate	4.52	5.48	5.89	5.84	10.30
Fatal accident rate	0.58	0.91	0.59	0.95	1.87
Fatal injuries rate	0.98	1.40	0.91	2.37	2.90
Serious injuries rate	1.16	1.59	1.37	1.18	2.34
Minor injuries rate	1.56	2.50	2.68	1.89	3.93
<b>Safety Statistics By Helicopter Type:</b>	<b><u>2007</u></b>	<b><u>2006</u></b>	<b><u>2005</u></b>	<b><u>2004</u></b>	<b><u>2003</u></b>
Estimated Total Flight Hours <sup>1</sup> (in millions):					
Single Engine Turbine:	1.046	1.010	0.976	0.808	0.676
Multi-Engine Turbine:	0.262	0.252	0.244	0.202	0.168
Reciprocating:	0.418	0.378	0.308	0.258	0.224
Total Number of Accidents <sup>2</sup> :					
Single Engine Turbine:	30	31	34	31	39
Multi-Engine Turbine:	3	9	5	5	13
Reciprocating:	45	50	51	38	58
Total Number of Fatal Accidents <sup>2</sup> :					
Single Engine Turbine:	6	3	6	7	7
Multi-Engine Turbine:	0	2	1	1	4
Reciprocating:	4	10	2	4	9
Total Number of Fatalities <sup>2</sup> :					
Single Engine Turbine:	10	4	11	13	12
Multi-Engine Turbine:	0	2	2	10	5
Reciprocating:	7	17	2	7	14
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	2.87	3.07	3.48	3.84	5.77
Multi-Engine Turbine:	1.15	3.57	2.05	2.48	7.74
Reciprocating:	10.77	13.22	16.56	14.73	25.89
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.57	0.30	0.61	0.87	1.04
Multi-Engine Turbine:	0.00	0.79	0.41	0.50	2.38
Reciprocating:	0.96	2.65	0.65	1.55	4.02
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.96	0.40	1.13	1.61	1.78
Multi-Engine Turbine:	0.00	0.79	0.82	4.95	2.98
Reciprocating:	1.67	4.50	0.53	2.71	6.25

1- FAA Aerospace Forecasts Fiscal Years 2007-2020

2- NTSB Preliminary Accident Reports (posted through 8/28/2007)