

COMPARATIVE U. S. CIVIL HELICOPTER SAFETY TRENDS

Through 3rd Quarter for Each Year Indicated

January 1 - September 30, 2006- 2002 (2006 statistics reflect NTSB/FAA postings thru December 1, 2006)

<u>Civil helicopters- estimated hours flown¹:</u>	<u>2006</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>	<u>2002</u>
Total helicopter hours flown (in millions) (*FAA Flight Hours Revised in March 2005)	1.925	1.699	1.669*	1.644*	1.407
<u>Number of civil helicopter accidents²:</u>	<u>2006</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>	<u>2002</u>
Total number of civil helicopter accidents	131	163	142	167	169
Total number of fatal helicopter accidents	22	19	27	27	22
Total number of fatalities	37	33	59	50	36
Total number of serious injuries	29	39	26	39	45
Total number of minor injuries	53	71	54	64	47
<u>Accident rate per 100,000 flying hours:</u>	<u>2006</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>	<u>2002</u>
Accident rate	6.81	9.59	8.51	10.16	12.01
Fatal accident rate	1.14	1.12	1.62	1.64	1.56
Fatal injuries rate	1.92	1.94	3.54	3.04	2.56
Serious injuries rate	1.51	2.30	1.56	2.37	3.20
Minor injuries rate	2.75	4.18	3.24	3.89	3.34
<u>Safety Statistics By Helicopter Type:</u>	<u>2006</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>	<u>2002</u>
Estimated Total Flight Hours ¹ (in millions):					
Single Engine Turbine:	1.073	1.055	1.037	1.022	0.821
Multi-Engine Turbine:	0.357	0.273	0.268	0.264	0.245
Reciprocating:	0.495	0.371	0.364	0.358	0.341
Total Number of Accidents ² :					
Single Engine Turbine:	50	60	62	61	67
Multi-Engine Turbine:	11	14	10	15	12
Reciprocating:	70	89	70	91	90
Total Number of Fatal Accidents ² :					
Single Engine Turbine:	7	11	15	12	10
Multi-Engine Turbine:	3	3	2	4	6
Reciprocating:	12	5	10	11	6
Total Number of Fatalities ² :					
Single Engine Turbine:	12	20	33	29	17
Multi-Engine Turbine:	4	6	12	5	10
Reciprocating:	21	7	14	16	9
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	4.66	5.69	5.98	5.97	8.16
Multi-Engine Turbine:	3.08	5.13	3.73	5.68	4.90
Reciprocating:	14.14	23.99	19.23	25.42	26.39
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.65	1.04	1.45	1.17	1.22
Multi-Engine Turbine:	0.84	1.10	0.75	1.52	2.45
Reciprocating:	2.42	1.35	2.75	3.07	1.76
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	1.12	1.90	3.18	2.84	2.07
Multi-Engine Turbine:	1.12	2.20	4.48	1.89	4.08
Reciprocating:	4.24	1.89	3.85	4.47	2.64

Sources: 1- FAA Aerospace Forecasts Fiscal Years 2004-2015

2 - NTSB and FAA Preliminary Accident Reports