



FIVE-YEAR COMPARATIVE U. S. CIVIL HELICOPTER SAFETY TRENDS

Through 4th Quarter
January 1 - December 31, 2006 - 2002

<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) (*Flight Hours/Rates Revised per February 2006 FAA Flight Hour Estimates)	2.565	2.440*	2.260*	2.135*	1.875*
<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	162	193	180	214	205
Total number of fatal helicopter accidents	25	25	33	37	26
Total number of fatalities	43	42	68	67	41
Total number of serious injuries	34	44	38	51	51
Total number of minor injuries	64	74	68	83	58
<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	6.32	7.91	7.96	10.02	10.93
Fatal accident rate	0.97	1.02	1.46	1.73	1.39
Fatal injuries rate	1.68	1.72	3.01	3.14	2.19
Serious injuries rate	1.33	1.80	1.68	2.39	2.72
Minor injuries rate	2.50	3.03	3.01	3.89	3.09
<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:	1.429	1.391	1.320	1.265	1.067
Multi-Engine Turbine:	0.476	0.464	0.440	0.422	0.355
Reciprocating:	0.660	0.585	0.500	0.448	0.453
Total Number of Accidents ² :					
Single Engine Turbine:	63	72	78	83	80
Multi-Engine Turbine:	14	17	11	20	16
Reciprocating:	85	104	91	111	109
Total Number of Fatal Accidents ² :					
Single Engine Turbine:	8	15	18	17	12
Multi-Engine Turbine:	4	4	3	5	6
Reciprocating:	13	6	12	15	8
Total Number of Fatalities ² :					
Single Engine Turbine:	14	26	36	38	19
Multi-Engine Turbine:	7	7	15	8	10
Reciprocating:	22	9	17	21	12
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	4.41	5.18	5.91	6.56	7.50
Multi-Engine Turbine:	2.94	3.66	2.50	4.74	4.51
Reciprocating:	12.88	17.78	18.20	24.77	24.06
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.56	1.08	1.36	1.34	1.12
Multi-Engine Turbine:	0.84	0.86	0.68	1.18	1.69
Reciprocating:	1.97	1.03	2.40	3.34	1.77
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.98	1.87	2.73	3.00	1.78
Multi-Engine Turbine:	1.47	1.51	3.41	1.90	2.82
Reciprocating:	3.33	1.54	3.40	4.69	2.65

1- FAA Aerospace Forecasts Fiscal Years 2006-2017

2- NTSB Preliminary Accident Reports (Includes NTSB postings through 2/10/07)