



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

Through 4th Quarter
January 1 - December 31, 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) (*Flight Hours/Rates Revised per February 2007 FAA Flight Hour Estimates)	3.451	3.281*	3.056*	2.534*	2.135
<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	178	162	193	180	214
Total number of fatal helicopter accidents	22	25	26	33	37
Total number of fatalities	43	43	44	68	67
Total number of serious injuries	35	34	44	38	51
Total number of minor injuries	55	64	74	68	83
<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	5.15	4.94	6.32	7.10	10.02
Fatal accident rate	0.64	0.76	0.85	1.30	1.73
Fatal injuries rate	1.25	1.31	1.44	2.68	3.14
Serious injuries rate	1.01	1.04	1.44	1.50	2.39
Minor injuries rate	1.59	1.95	2.42	2.68	3.89
<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:	1.961	1.894	1.829	1.515	1.265
Multi-Engine Turbine:	0.654	0.632	0.610	0.505	0.422
Reciprocating:	0.836	0.755	0.617	0.514	0.448
Total Number of Accidents ² :					
Single Engine Turbine:	72	63	72	78	83
Multi-Engine Turbine:	10	14	17	11	20
Reciprocating:	98	85	104	91	111
Total Number of Fatal Accidents ² :					
Single Engine Turbine:	13	8	15	18	17
Multi-Engine Turbine:	1	4	4	3	5
Reciprocating:	8	13	6	12	15
Total Number of Fatalities ² :					
Single Engine Turbine:	23	14	26	36	38
Multi-Engine Turbine:	4	7	7	15	8
Reciprocating:	16	22	9	17	21
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	3.67	3.33	3.94	5.15	6.56
Multi-Engine Turbine:	1.53	2.22	2.79	2.18	4.74
Reciprocating:	11.72	11.26	16.86	17.70	24.77
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.66	0.42	0.82	1.19	1.34
Multi-Engine Turbine:	0.15	0.63	0.66	0.59	1.18
Reciprocating:	0.96	1.72	0.97	2.33	3.34
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	1.17	0.74	1.42	2.38	3.00
Multi-Engine Turbine:	0.61	1.11	1.15	2.97	1.90
Reciprocating:	1.91	2.91	1.46	3.31	4.69

1- FAA Aerospace Forecasts Fiscal Years 2007-2020

2- NTSB Preliminary Accident Reports (Includes 2 helicopter collisions counted as 1 accident each; NTSB postings through 2/11/08)