

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

Through 4th Quarter

January 1 – December 31, 2008-2004

<u>Civil helicopters- estimated hours flown¹:</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>	<u>2004</u>
Total helicopter hours flown (in millions)	3.813	3.629*	3.446*	3.116*	2.534
<u>Number of civil helicopter accidents²:</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>	<u>2004</u>
Total number of civil helicopter accidents	140	178	162	193	180
Total number of fatal helicopter accidents	28	22	25	26	33
Total number of fatalities	75	43	43	44	68
Total number of serious injuries	28	35	34	44	38
Total number of minor injuries	40	55	64	74	68
<u>Accident rate per 100,000 flying hours:</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>	<u>2004</u>
Accident rate	3.67	4.90	4.70	6.19	7.10
Fatal accident rate	0.73	0.61	0.73	0.83	1.30
Fatal injuries rate	1.97	1.18	1.25	1.41	2.68
Serious injuries rate	0.73	0.96	0.99	1.41	1.50
Minor injuries rate	1.05	1.52	1.86	2.37	2.68
<u>Safety Statistics By Helicopter Type:</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>	<u>2004</u>
Estimated Total Flight Hours ¹ (in millions):					
Single Engine Turbine:	2.153	1.961	1.894	1.829	1.515
Multi-Engine Turbine:	0.538	0.654	0.632	0.610	0.505
Reciprocating:	1.122	0.836	0.755	0.617	0.514
Total Number of Accidents ² :					
Single Engine Turbine:	50	72	63	72	78
Multi-Engine Turbine:	11	10	14	17	11
Reciprocating:	79	98	85	104	91
Total Number of Fatal Accidents ² :					
Single Engine Turbine:	15	13	8	15	18
Multi-Engine Turbine:	4	1	4	4	3
Reciprocating:	9	8	13	6	12
Total Number of Fatalities ² :					
Single Engine Turbine:	39	23	14	26	36
Multi-Engine Turbine:	20	4	7	7	15
Reciprocating:	16	16	22	9	17
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	2.32	3.67	3.33	3.94	5.15
Multi-Engine Turbine:	2.04	1.53	2.22	2.79	2.18
Reciprocating:	7.04	11.72	11.26	16.86	17.70
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.70	0.66	0.42	0.82	1.19
Multi-Engine Turbine:	0.74	0.15	0.63	0.66	0.59
Reciprocating:	0.80	0.96	1.72	0.97	2.33
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	1.81	1.17	0.74	1.42	2.38
Multi-Engine Turbine:	3.72	0.61	1.11	1.15	2.97
Reciprocating:	1.43	1.91	2.91	1.46	3.31

1- FAA Aerospace Forecasts Fiscal Years 2008-2025

2- NTSB Preliminary Accident Reports (Includes a 2 helicopter collision that counted as 1 accident; NTSB posting through 1/09/09)