



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

Through 4th Quarter
January 1 - December 31, 2005 - 2001

<u>Civil helicopters- estimated hours flown¹:</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>	<u>2002</u>	<u>2001</u>
Total helicopter hours flown (in millions) (*FAA Flight Hours Revised in March 2005)	2.265	2.225*	2.192*	1.876	1.953
<u>Number of civil helicopter accidents²:</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>	<u>2002</u>	<u>2001</u>
Total number of civil helicopter accidents	193	180	214	205	182
Total number of fatal helicopter accidents	25	33	37	26	29
Total number of fatalities	42	68	67	41	51
Total number of serious injuries	44	38	51	51	34
Total number of minor injuries	74	68	83	58	71
<u>Accident rate per 100,000 flying hours:</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>	<u>2002</u>	<u>2001</u>
Accident rate	8.52	8.09	9.76	10.93	9.32
Fatal accident rate	1.10	1.48	1.69	1.39	1.48
Fatal injuries rate	1.85	3.06	3.06	2.19	2.61
Serious injuries rate	1.94	1.71	2.33	2.72	1.74
Minor injuries rate	3.27	3.06	3.79	3.09	3.64
<u>Safety Statistics By Helicopter Type:</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>	<u>2002</u>	<u>2001</u>
Estimated Total Flight Hours ¹ (in millions):					
Single Engine Turbine:	1.407	1.383	1.363	1.095	1.139
Multi-Engine Turbine:	0.363	0.357	0.352	0.327	0.340
Reciprocating:	0.495	0.485	0.477	0.454	0.474
Total Number of Accidents ² :					
Single Engine Turbine:	72	78	83	80	82
Multi-Engine Turbine:	17	11	20	16	13
Reciprocating:	104	91	111	109	87
Total Number of Fatal Accidents ² :					
Single Engine Turbine:	15	18	17	12	14
Multi-Engine Turbine:	4	3	5	6	3
Reciprocating:	6	12	15	8	12
Total Number of Fatalities ² :					
Single Engine Turbine:	26	36	38	19	22
Multi-Engine Turbine:	7	15	8	10	5
Reciprocating:	9	17	21	12	24
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	5.12	5.64	6.09	7.31	7.20
Multi-Engine Turbine:	4.68	3.08	5.68	4.89	3.82
Reciprocating:	21.01	18.76	23.27	24.01	18.35
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	1.07	1.30	1.25	1.10	1.23
Multi-Engine Turbine:	1.10	0.84	1.42	1.83	0.88
Reciprocating:	1.21	2.47	3.14	1.76	2.53
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	1.85	2.60	2.79	1.74	1.93
Multi-Engine Turbine:	1.93	4.20	2.27	3.06	1.47
Reciprocating:	1.82	3.51	4.40	2.64	5.06

1- FAA Aerospace Forecasts Fiscal Years 2004-2015

2- NTSB Preliminary Accident Reports