

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

Through 4th Quarter

January 1 – December 31, 2012-2008

<u>Civil helicopters- estimated hours flown¹:</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
Total helicopter hours flown (in millions)	3.17	3.08	3.00	3.23	3.81
<u>Number of civil helicopter accidents²:</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
Total number of civil helicopter accidents	153	124	134	161	140
Total number of fatal helicopter accidents	22	16	23	20	28
Total number of fatalities	34	30	44	45	75
Total number of serious injuries	23	31	36	42	28
Total number of minor injuries	62	49	29	56	40
<u>Accident rate per 100,000 flying hours¹:</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
Accident rate	4.83	4.02	4.47	4.97	3.67
Fatal accident rate	0.69	0.69	0.77	0.62	0.73
Fatal injuries rate	1.07	1.30	1.47	1.39	1.97
Serious injuries rate	0.73	1.34	1.20	1.30	0.73
Minor injuries rate	1.96	2.12	0.97	1.73	1.05
<u>Safety Statistics By Helicopter Type:</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
Estimated Total Flight Hours ¹ (in millions):					
Single Engine Turbine:	1.890	1.840	1.790	2.007	2.153
Multi-Engine Turbine:	0.473	0.460	0.448	0.502	0.538
Reciprocating:	0.807	0.781	0.756	0.730	1.122
Total Number of Accidents ² :					
Single Engine Turbine:	66	46	58	65	50
Multi-Engine Turbine:	10	3	8	12	11
Reciprocating:	67	75	67	84	79
Total Number of Fatal Accidents ² :					
Single Engine Turbine:	11	8	12	8	15
Multi-Engine Turbine:	3	0	2	3	4
Reciprocating:	11	7	10	9	9
Total Number of Fatalities ² :					
Single Engine Turbine:	17	21	25	17	39
Multi-Engine Turbine:	5	0	7	11	20
Reciprocating:	11	8	12	17	16
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	3.49	2.5	3.24	3.24	2.32
Multi-Engine Turbine:	2.11	0.65	1.79	2.39	2.04
Reciprocating:	8.30	9.60	8.86	11.37	7.04
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.58	0.43	0.67	0.40	0.70
Multi-Engine Turbine:	0.63	0.00	0.45	0.60	0.74
Reciprocating:	1.36	0.90	1.32	1.23	0.80
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.90	1.14	1.40	0.85	1.81
Multi-Engine Turbine:	1.06	0.00	1.56	2.19	3.72
Reciprocating:	1.36	1.02	1.59	2.33	1.43

1- FAA Aerospace Forecasts Fiscal Years 2010-2025

2- NTSB Preliminary Accident Reports