

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

Through 4th Quarter

January 1 – December 31, 2011-2007

<u>Civil helicopters- estimated hours flown¹:</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>
Total helicopter hours flown (in millions)	3.08	3.00	3.23	3.81	3.62
<u>Number of civil helicopter accidents:</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>
Total number of civil helicopter accidents	124	134	161	140	178
Total number of fatal helicopter accidents	16	23	20	28	22
Total number of fatalities	30	44	45	75	43
Total number of serious injuries	31	36	42	28	35
Total number of minor injuries	49	29	56	40	55
<u>Accident rate per 100,000 flying hours:</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>
Accident rate	4.02	4.47	4.97	3.67	4.90
Fatal accident rate	0.52	0.77	0.62	0.73	0.61
Fatal injuries rate	0.97	1.47	1.39	1.97	1.18
Serious injuries rate	1.01	1.20	1.30	0.73	0.96
Minor injuries rate	1.59	0.97	1.73	1.05	1.52
<u>Safety Statistics By Helicopter Type:</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>
Estimated Total Flight Hours (in millions):					
Single Engine Turbine:	1.840	1.790	2.007	2.153	1.961
Multi-Engine Turbine:	0.460	0.448	0.502	0.538	0.654
Reciprocating:	0.781	0.756	0.730	1.122	0.836
Total Number of Accidents:					
Single Engine Turbine:	46	58	65	50	72
Multi-Engine Turbine:	3	8	12	11	10
Reciprocating:	75	67	84	79	98
Total Number of Fatal Accidents:					
Single Engine Turbine:	8	12	8	15	13
Multi-Engine Turbine:	0	2	3	4	1
Reciprocating:	7	10	9	9	8
Total Number of Fatalities:					
Single Engine Turbine:	18	25	17	39	23
Multi-Engine Turbine:	0	7	11	20	4
Reciprocating:	8	12	17	16	16
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	2.5	3.24	3.24	2.32	3.67
Multi-Engine Turbine:	0.65	1.79	2.39	2.04	1.53
Reciprocating:	9.60	8.86	11.37	7.04	11.72
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.43	0.67	0.40	0.70	0.66
Multi-Engine Turbine:	0.00	0.45	0.60	0.74	0.15
Reciprocating:	0.90	1.32	1.23	0.80	0.96
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.98	1.40	0.85	1.81	1.17
Multi-Engine Turbine:	0.00	1.56	2.19	3.72	0.61
Reciprocating:	1.02	1.59	2.33	1.43	1.91

1- FAA Aerospace Forecasts Fiscal Years 2010-2025