

COMPARATIVE U. S. CIVIL HELICOPTER SAFETY TRENDS

Comparative Statistics Through 3rd Quarter

January 1 – September 30, 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) (*FAA Flight Hours Revised in February 2009)	2.31	2.25	2.43	2.86	2.72
<u>Number of civil helicopter accidents²:</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>
Total number of civil helicopter accidents	100	110	108	109	139
Total number of fatal helicopter accidents	9	19	14	20	17
Total number of fatalities	13	40	35	58	30
Total number of serious injuries	25	26	30	25	28
Total number of minor injuries	32	24	38	34	48
<u>Accident rate per 100,000 flying hours¹:</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>
Accident rate	4.33	4.90	4.44	3.81	5.11
Fatal accident rate	0.39	0.85	0.58	0.70	0.62
Fatal injuries rate	0.56	1.78	1.44	2.03	1.10
Serious injuries rate	1.08	1.16	1.23	0.87	1.03
Minor injuries rate	1.39	1.07	1.56	1.19	1.76
<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 ¹ (in millions):					
Single Engine Turbine:	1.380	1.344	1.940	1.615	1.567
Multi-Engine Turbine:	0.345	0.336	0.490	0.404	0.391
Reciprocating:	0.586	0.567	0.547	0.841	0.763
Total Number of Accidents ² :					
Single Engine Turbine:	31	46	41	28	58
Multi-Engine Turbine:	2	6	10	9	6
Reciprocating:	67	57	57	66	77
Total Number of Fatal Accidents ² :					
Single Engine Turbine:	2	8	5	8	7
Multi-Engine Turbine:	0	2	3	3	0
Reciprocating:	6	9	6	9	6
Total Number of Fatalities ² :					
Single Engine Turbine:	5	22	13	28	18
Multi-Engine Turbine:	0	7	11	16	0
Reciprocating:	7	11	11	14	12
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	2.25	3.42	2.11	1.73	3.70
Multi-Engine Turbine:	0.58	1.76	2.04	2.23	1.53
Reciprocating:	11.43	10.05	10.42	7.85	10.09
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.14	0.60	0.26	0.50	0.45
Multi-Engine Turbine:	0.00	0.60	0.61	0.74	0.00
Reciprocating:	1.02	1.59	1.10	1.07	0.79
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.36	1.64	0.67	1.73	1.15
Multi-Engine Turbine:	0.00	2.08	2.24	3.96	0.00
Reciprocating:	1.19	1.94	2.01	1.66	1.57

1- FAA Aerospace Forecasts Fiscal Years 2011-2025

2- NTSB Preliminary Accident Reports

3- CEN11LA606B not included in tabulations