

**COMPARATIVE U. S. CIVIL HELICOPTER SAFETY TRENDS**  
**Comparative Statistics for 3rd Quarter**  
**July 1 – September 30**  
**2013 – 2009**

<b><u>Civil helicopters- estimated hours flown:</u></b>	<b><u>2013</u></b>	<b><u>2012</u></b>	<b><u>2011</u></b>	<b><u>2010</u></b>	<b><u>2009</u></b>
Total helicopter hours flown (in millions)	2.605	2.38	2.310	2.25	2.43
<b><u>Number of civil helicopter accidents <sup>2</sup>:</u></b>	<b><u>2013</u></b>	<b><u>2012</u></b>	<b><u>2011</u></b>	<b><u>2010</u></b>	<b><u>2009</u></b>
Total number of civil helicopter accidents	41	113	100	110	108
Total number of fatal helicopter accidents	9	10	9	19	14
Total number of fatalities	17	15	13	40	35
Total number of serious injuries	10	19	25	26	30
Total number of minor injuries	22	43	32	24	38
<b><u>Accident rate per 100,000 flying hours :</u></b>	<b><u>2013</u></b>	<b><u>2012</u></b>	<b><u>2011</u></b>	<b><u>2010</u></b>	<b><u>2009</u></b>
Accident rate	1.57	4.75	4.33	4.89	4.44
Fatal accident rate	0.35	0.42	0.39	0.84	0.58
Fatal injuries rate	0.65	0.63	0.56	1.78	1.44
Serious injuries rate	0.38	0.80	1.08	1.16	1.23
Minor injuries rate	0.84	1.81	1.39	1.07	1.56
<b><u>Safety Statistics By Helicopter Type:</u></b>	<b><u>2013</u></b>	<b><u>2012</u></b>	<b><u>2011</u></b>	<b><u>2010</u></b>	<b><u>2009</u></b>
Estimated Total Flight Hours (in millions):					
Single Engine Turbine:	1.635	1.418	1.380	1.344	1.940
Multi-Engine Turbine:	0.409	0.354	0.345	0.336	0.490
Reciprocating:	0.561	0.605	0.586	0.567	0.547
Total Number of Accidents:					
Single Engine Turbine:	22	46	31	46	41
Multi-Engine Turbine:	0	7	2	6	10
Reciprocating:	19	60	67	57	57
Total Number of Fatal Accidents:					
Single Engine Turbine:	6	5	2	8	5
Multi-Engine Turbine:	0	1	0	2	3
Reciprocating:	3	7	6	9	6
Total Number of Fatalities:					
Single Engine Turbine:	12	8	5	22	13
Multi-Engine Turbine:	0	1	0	7	11
Reciprocating:	5	5	7	11	11
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	1.35	3.24	2.25	3.42	2.11
Multi-Engine Turbine:	0.00	1.98	0.58	1.79	2.04
Reciprocating:	3.39	9.92	11.43	10.05	10.42
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.37	0.35	0.14	0.60	0.26
Multi-Engine Turbine:	0.00	0.28	0.00	0.60	0.61
Reciprocating:	0.53	1.16	1.02	1.59	1.10
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.73	0.56	0.36	1.64	0.67
Multi-Engine Turbine:	0.00	0.28	0.00	2.08	2.24
Reciprocating:	0.89	0.83	1.19	1.94	2.01