

COMPARATIVE U. S. CIVIL HELICOPTER SAFETY TRENDS
Comparative Statistics Through 2nd Quarter
January 1 – June 30, 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) (*FAA Flight Hours Revised in 2009)	1.584	1.540	1.497	1.620	1.906
<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	67	58	57	71	70
Total number of fatal helicopter accidents	5	4	10	8	11
Total number of fatalities	9	4	23	18	30
Total number of serious injuries	15	16	11	18	16
Total number of minor injuries	27	19	9	16	24
<u>Accident rate per 100,000 flying hours:</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
Accident rate	4.23	3.77	3.81	4.38	3.67
Fatal accident rate	0.32	0.26	0.67	0.49	0.58
Fatal injuries rate	0.57	0.26	1.54	1.11	1.57
Serious injuries rate	0.95	1.04	0.73	1.11	0.84
Minor injuries rate	1.70	1.23	0.60	0.99	1.26
<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:	0.945	0.920	0.896	1.004	1.076
Multi-Engine Turbine:	0.236	0.230	0.224	0.250	0.270
Reciprocating:	0.404	0.390	0.378	0.366	0.562
Total Number of Accidents ² :					
Single Engine Turbine:	29	21	20	25	24
Multi-Engine Turbine:	3	2	4	5	4
Reciprocating:	35	35	33	41	42
Total Number of Fatal Accidents ² :					
Single Engine Turbine:	3	1	4	3	7
Multi-Engine Turbine:	0	0	2	2	1
Reciprocating:	5	2	4	3	3
Total Number of Fatalities ² :					
Single Engine Turbine:	6	1	11	3	20
Multi-Engine Turbine:	0	0	7	10	3
Reciprocating:	2	2	5	5	4
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	3.07	2.28	2.23	2.49	2.23
Multi-Engine Turbine:	1.27	0.87	1.79	2.00	1.48
Reciprocating:	8.66	8.97	8.73	11.20	7.47
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.32	0.11	0.45	0.30	0.65
Multi-Engine Turbine:	0.00	0.00	0.89	0.80	0.37
Reciprocating:	0.50	0.51	1.06	0.82	0.53
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.63	0.11	1.23	0.30	1.86
Multi-Engine Turbine:	0.00	0.00	3.13	4.00	1.11
Reciprocating:	0.50	0.51	1.32	1.37	0.71

1- [FAA Aerospace Forecasts Calendar Years 2011-2025](#) (Table 28, 2012 Forecast Rotorcraft)

2- [NTSB Preliminary Accident Reports](#) (April 1 –June 30, 2012)