

COMPARATIVE U. S. CIVIL HELICOPTER SAFETY TRENDS
Comparative Statistics Through 1st Quarter
January 1 – March 31
2013 – 2009

<u>Civil helicopters- estimated hours flown ¹:</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>
Total helicopter hours flown (in millions) (*FAA Flight Hours Revised February 2009)	0.816	0.792	0.770	0.749	0.810
<u>Number of civil helicopter accidents ²:</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>
Total number of civil helicopter accidents	24	25	29	23	29
Total number of fatal helicopter accidents	7	2	1	5	5
Total number of fatalities	14	3	1	17	12
Total number of serious injuries	8	7	9	7	7
Total number of minor injuries	9	13	8	4	12
<u>Accident rate per 100,000 flying hours :</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>
Accident rate	2.94	3.16	3.77	3.07	3.58
Fatal accident rate	0.86	0.25	0.13	0.67	0.62
Fatal injuries rate	1.72	0.38	0.13	2.27	1.48
Serious injuries rate	0.98	0.88	1.17	0.94	0.86
Minor injuries rate	1.10	1.64	1.04	0.53	1.48
<u>Safety Statistics By Helicopter Type:</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>
Estimated Total Flight Hours (in millions):					
Single Engine Turbine:	0.486	0.473	0.460	0.448	0.502
Multi-Engine Turbine:	0.122	0.118	0.115	0.112	0.125
Reciprocating:	0.208	0.201	0.195	0.189	0.183
Total Number of Accidents:					
Single Engine Turbine:	11	14	11	12	15
Multi-Engine Turbine:	2	1	2	2	1
Reciprocating:	11	10	16	9	13
Total Number of Fatal Accidents:					
Single Engine Turbine:	6	1	1	3	3
Multi-Engine Turbine:	1	0	0	1	1
Reciprocating:	0	1	0	1	1
Total Number of Fatalities:					
Single Engine Turbine:	11	1	1	10	3
Multi-Engine Turbine:	3	0	0	5	8
Reciprocating:	0	2	0	2	1
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	2.26	2.96	2.39	2.68	2.99
Multi-Engine Turbine:	1.64	0.85	1.73	1.79	0.80
Reciprocating:	5.29	4.96	8.20	4.76	7.10
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	1.23	0.21	0.22	0.10	0.60
Multi-Engine Turbine:	0.82	0.00	0.00	0.89	0.80
Reciprocating:	0.00	0.50	0.00	0.53	0.55
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	2.26	0.21	0.22	2.23	0.60
Multi-Engine Turbine:	2.46	0.00	0.00	4.46	6.40
Reciprocating:	0.00	1.99	0.00	1.06	0.55

1- FAA Aerospace Forecasts Fiscal Years 2011-2015

2- ERA13LA152 –excluded from tabulation