

COMPARATIVE U. S. CIVIL HELICOPTER SAFETY TRENDS
Comparative Statistics Through 1st Quarter for Each Year
January 1 – March 31
2009 – 2005 section

<u>Civil helicopters- estimated hours flown¹:</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>
Total helicopter hours flown (in millions) (*FAA Flight Hours Revised February 2009)	0.810	0.797	0.826	0.862	0.779
<u>Number of civil helicopter accidents²:</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>
Total number of civil helicopter accidents	29	20	40	31	35
Total number of fatal helicopter accidents	5	4	5	7	6
Total number of fatalities	12	7	11	11	9
Total number of serious injuries	7	1	10	7	6
Total number of minor injuries	12	9	11	11	7
<u>Accident rate per 100,000 flying hours:</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>
Accident rate	3.58	2.51	4.84	3.60	4.49
Fatal accident rate	0.62	0.50	0.61	0.81	0.77
Fatal injuries rate	1.48	0.88	1.33	1.28	1.16
Serious injuries rate	0.86	0.13	1.21	0.81	0.77
Minor injuries rate	1.48	1.13	1.33	1.28	0.90
<u>Safety Statistics By Helicopter Type:</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>
Estimated Total Flight Hours ¹ (in millions):					
Single Engine Turbine:	0.502	0.497	0.508	0.506	0.488
Multi-Engine Turbine:	0.125	0.124	0.128	0.126	0.122
Reciprocating:	0.183	0.176	0.176	0.230	0.170
Total Number of Accidents ² :					
Single Engine Turbine:	15	12	13	12	15
Multi-Engine Turbine:	1	0	1	5	2
Reciprocating:	13	9	26	14	18
Total Number of Fatal Accidents ² :					
Single Engine Turbine:	3	1	3	2	4
Multi-Engine Turbine:	1	0	0	0	1
Reciprocating:	1	3	2	5	1
Total Number of Fatalities ² :					
Single Engine Turbine:	3	3	7	3	6
Multi-Engine Turbine:	8	0	0	0	2
Reciprocating:	1	4	4	8	1
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	2.99	2.41	2.56	2.37	3.07
Multi-Engine Turbine:	0.80	0.00	0.78	3.97	1.64
Reciprocating:	7.10	5.11	14.77	6.09	10.59
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.60	0.20	0.59	0.40	0.82
Multi-Engine Turbine:	0.80	0.00	0.00	0.00	0.82
Reciprocating:	0.55	1.70	1.14	2.17	0.59
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.60	0.60	1.38	0.59	1.23
Multi-Engine Turbine:	6.40	0.00	0.00	0.00	1.64
Reciprocating:	0.55	2.27	2.27	3.48	0.59

1- FAA Aerospace Forecasts Fiscal Years 2009-2025

2- NTSB Preliminary Accident Reports (Incomplete. Based on accidents posted through 4/8/2009)

