

COMPARATIVE U. S. CIVIL HELICOPTER SAFETY TRENDS
Comparative Statistics Through 1st Quarter
January 1 – March 31
2010 – 2006

<u>Civil helicopters- estimated hours flown¹:</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>
Total helicopter hours flown (in millions) (*FAA Flight Hours Revised February 2009)	0.749	0.810	0.797	0.826	0.862
<u>Number of civil helicopter accidents:</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>
Total number of civil helicopter accidents	23	29	20	40	31
Total number of fatal helicopter accidents	5	5	4	5	7
Total number of fatalities	17	12	7	11	11
Total number of serious injuries	7	7	1	10	7
Total number of minor injuries	4	12	9	11	11
<u>Accident rate per 100,000 flying hours:</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>
Accident rate	3.07	3.58	2.51	4.84	3.60
Fatal accident rate	0.67	0.62	0.50	0.61	0.81
Fatal injuries rate	2.27	1.48	0.88	1.33	1.28
Serious injuries rate	0.94	0.86	0.13	1.21	0.81
Minor injuries rate	0.53	1.48	1.13	1.33	1.28
<u>Safety Statistics By Helicopter Type:</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>
Estimated Total Flight Hours ¹ (in millions):					
Single Engine Turbine:	0.448	0.502	0.497	0.508	0.506
Multi-Engine Turbine:	0.112	0.125	0.124	0.128	0.126
Reciprocating:	0.189	0.183	0.176	0.176	0.230
Total Number of Accidents:					
Single Engine Turbine:	12	15	12	13	12
Multi-Engine Turbine:	2	1	0	1	5
Reciprocating:	9	13	9	26	14
Total Number of Fatal Accidents:					
Single Engine Turbine:	3	3	1	3	2
Multi-Engine Turbine:	1	1	0	0	0
Reciprocating:	1	1	3	2	5
Total Number of Fatalities:					
Single Engine Turbine:	10	3	3	7	3
Multi-Engine Turbine:	5	8	0	0	0
Reciprocating:	2	1	4	4	8
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	2.68	2.99	2.41	2.56	2.37
Multi-Engine Turbine:	1.79	0.80	0.00	0.78	3.97
Reciprocating:	4.76	7.10	5.11	14.77	6.09
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.67	0.60	0.20	0.59	0.40
Multi-Engine Turbine:	0.89	0.80	0.00	0.00	0.00
Reciprocating:	0.53	0.55	1.70	1.14	2.17
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	2.23	0.60	0.60	1.38	0.59
Multi-Engine Turbine:	4.46	6.40	0.00	0.00	0.00
Reciprocating:	1.06	0.55	2.27	2.27	3.48