

COMPARATIVE U. S. CIVIL HELICOPTER SAFETY TRENDS

Comparative Statistics Through 3rd Quarter

January 1 – September 30, 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 in February 2009)	2.25	2.43	2.86	2.72	2.34
<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	110	108	109	139	132
Total number of fatal helicopter accidents	19	14	20	17	22
Total number of fatalities	40	35	58	30	37
Total number of serious injuries	26	30	25	28	29
Total number of minor injuries	24	38	34	48	53
<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	4.90	4.44	3.81	5.11	5.11
Fatal accident rate	0.85	0.58	0.70	0.62	0.85
Fatal injuries rate	1.78	1.44	2.03	1.10	1.43
Serious injuries rate	1.16	1.23	0.87	1.03	1.12
Minor injuries rate	1.07	1.56	1.19	1.76	2.05
<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:	1.344	1.940	1.615	1.567	1.517
Multi-Engine Turbine:	0.336	0.490	0.404	0.391	0.379
Reciprocating:	0.567	0.547	0.841	0.763	0.688
Total Number of Accidents:					
Single Engine Turbine:	46	41	28	58	51
Multi-Engine Turbine:	6	10	9	6	11
Reciprocating:	57	57	66	77	70
Total Number of Fatal Accidents:					
Single Engine Turbine:	8	5	8	7	11
Multi-Engine Turbine:	2	3	3	0	3
Reciprocating:	9	6	9	6	12
Total Number of Fatalities:					
Single Engine Turbine:	22	13	28	18	12
Multi-Engine Turbine:	7	11	16	0	4
Reciprocating:	11	11	14	12	21
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	3.42	2.11	1.73	3.70	3.36
Multi-Engine Turbine:	1.76	2.04	2.23	1.53	2.90
Reciprocating:	10.05	10.42	7.85	10.09	10.17
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.60	0.26	0.50	0.45	0.73
Multi-Engine Turbine:	0.60	0.61	0.74	0.00	0.79
Reciprocating:	1.59	1.10	1.07	0.79	1.74
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	1.64	0.67	1.73	1.15	0.79
Multi-Engine Turbine:	2.08	2.24	3.96	0.00	1.06
Reciprocating:	1.94	2.01	1.66	1.57	3.05