

FIVE-YEAR COMPARATIVE U. S. CIVIL HELICOPTER SAFETY TRENDS

Through 3rd Quarter for Each Year Indicated

January 1 – September 30, 2009-2005

<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 in February 2009)	2.43	2.86	2.72	2.34	1.90
<u>Number of civil helicopter accidents:</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>
Total number of civil helicopter accidents	108	109	139	132	163
Total number of fatal helicopter accidents	14	20	17	22	19
Total number of fatalities	35	58	30	37	33
Total number of serious injuries	30	25	28	29	39
Total number of minor injuries	38	34	48	53	71
<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	4.44	3.81	5.11	5.11	6.97
Fatal accident rate	0.58	0.70	0.62	0.85	0.81
Fatal injuries rate	1.44	2.03	1.10	1.43	1.41
Serious injuries rate	1.23	0.87	1.03	1.12	1.67
Minor injuries rate	1.56	1.19	1.76	2.05	3.04
<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:	1.940	1.615	1.567	1.517	1.462
Multi-Engine Turbine:	0.490	0.404	0.391	0.379	0.366
Reciprocating:	0.547	0.841	0.763	0.688	0.508
Total Number of Accidents:					
Single Engine Turbine:	41	28	58	51	60
Multi-Engine Turbine:	10	9	6	11	14
Reciprocating:	57	66	77	70	89
Total Number of Fatal Accidents:					
Single Engine Turbine:	5	8	7	11	15
Multi-Engine Turbine:	3	3	0	3	3
Reciprocating:	6	9	6	12	5
Total Number of Fatalities:					
Single Engine Turbine:	13	28	18	12	20
Multi-Engine Turbine:	11	16	0	4	6
Reciprocating:	11	14	12	21	7
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	2.11	1.73	3.70	3.36	4.10
Multi-Engine Turbine:	2.04	2.23	1.53	2.90	3.83
Reciprocating:	10.42	7.85	10.09	10.17	17.52
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.26	0.50	0.45	0.73	1.03
Multi-Engine Turbine:	0.61	0.74	0.00	0.79	0.82
Reciprocating:	1.10	1.07	0.79	1.74	0.98
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.67	1.73	1.15	0.79	1.37
Multi-Engine Turbine:	2.24	3.96	0.00	1.06	1.64
Reciprocating:	2.01	1.66	1.57	3.05	1.38