

COMPARATIVE U. S. CIVIL HELICOPTER SAFETY TRENDS
Comparative Statistics for 2nd Quarter
April 1 – June 30
2013 – 2009

<u>Civil helicopters- estimated hours flown:</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>
Total helicopter hours flown (in millions)	1.736	1.584	1.540	1.497	1.62
<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	44	67	58	57	71
Total number of fatal helicopter accidents	6	5	4	10	8
Total number of fatalities	10	9	4	23	18
Total number of serious injuries	5	15	16	11	18
Total number of minor injuries	15	27	19	9	16
<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	2.53	4.23	3.77	3.81	4.38
Fatal accident rate	0.35	0.32	0.26	0.67	0.49
Fatal injuries rate	0.58	0.57	0.26	1.54	1.11
Serious injuries rate	0.29	0.95	1.04	0.73	1.11
Minor injuries rate	0.86	1.70	1.23	0.60	0.99
<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:	1.090	0.945	0.920	0.896	1.004
Multi-Engine Turbine:	0.273	0.236	0.230	0.224	0.250
Reciprocating:	0.374	0.404	0.390	0.378	0.366
Total Number of Accidents:					
Single Engine Turbine:	23	29	21	20	25
Multi-Engine Turbine:	0	3	2	4	5
Reciprocating:	21	35	35	33	41
Total Number of Fatal Accidents:					
Single Engine Turbine:	3	3	1	4	3
Multi-Engine Turbine:	0	0	0	2	2
Reciprocating:	3	5	2	4	3
Total Number of Fatalities:					
Single Engine Turbine:	5	6	1	11	3
Multi-Engine Turbine:	0	0	0	7	10
Reciprocating:	5	2	2	5	5
Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	2.11	3.07	2.28	2.23	2.49
Multi-Engine Turbine:	0.00	1.27	0.87	1.79	2.00
Reciprocating:	5.61	8.66	8.97	8.73	11.20
Fatal Accident Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.28	0.32	0.11	0.45	0.30
Multi-Engine Turbine:	0.00	0.00	0.00	0.89	0.80
Reciprocating:	0.80	1.24	0.51	1.06	0.82
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.46	0.63	0.11	1.23	0.30
Multi-Engine Turbine:	0.00	0.00	0.00	3.13	4.00
Reciprocating:	1.34	0.50	0.51	1.32	1.37