

COMPARATIVE U. S. CIVIL HELICOPTER SAFETY TRENDS
Comparative Statistics Through 1st Quarter
January 1 – March 31
2012 – 2008

<u>Civil helicopters- estimated hours flown¹:</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
Total helicopter hours flown (in millions) (*FAA Flight Hours Revised February 2009)	0.792	0.770	0.749	0.810	0.797
<u>Number of civil helicopter accidents²:</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
Total number of civil helicopter accidents	25	29	23	29	20
Total number of fatal helicopter accidents	2	1	5	5	4
Total number of fatalities	3	1	17	12	7
Total number of serious injuries	7	9	7	7	1
Total number of minor injuries	13	8	4	12	9
<u>Accident rate per 100,000 flying hours²:</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
Accident rate	3.16	3.77	3.07	3.58	2.51
Fatal accident rate	0.25	0.13	0.67	0.62	0.50
Fatal injuries rate	0.38	0.13	2.27	1.48	0.88
Serious injuries rate	0.88	1.17	0.94	0.86	0.13
Minor injuries rate	1.64	1.04	0.53	1.48	1.13
<u>Safety Statistics By Helicopter Type:</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
Estimated Total Flight Hours ¹ (in millions):					
Single Engine Turbine:	0.473	0.460	0.448	0.502	0.497
Multi-Engine Turbine:	0.118	0.115	0.112	0.125	0.124
Reciprocating:	0.201	0.195	0.189	0.183	0.176
Total Number of Accidents ² :					
Single Engine Turbine:	14	11	12	15	12
Multi-Engine Turbine:	1	2	2	1	0
Reciprocating:	10	16	9	13	9
Total Number of Fatal Accidents:					
Single Engine Turbine:	1	1	3	3	1
Multi-Engine Turbine:	0	0	1	1	0
Reciprocating:	1	0	1	1	3
Total Number of Fatalities:					
Single Engine Turbine:	1	1	10	3	3
Multi-Engine Turbine:	0	0	5	8	0
Reciprocating:	2	0	2	1	4
Accident Rate per 100,000 Hours Flown ² :					
Single Engine Turbine:	2.96	2.39	2.68	2.99	2.41
Multi-Engine Turbine:	0.85	1.73	1.79	0.80	0.00
Reciprocating:	4.96	8.20	4.76	7.10	5.11
Fatal Accident Rate per 100,000 Hours Flown ² :					
Single Engine Turbine:	0.21	0.22	0.10	0.60	0.20
Multi-Engine Turbine:	0.00	0.00	0.89	0.80	0.00
Reciprocating:	0.50	0.00	0.53	0.55	1.70
Fatalities Rate per 100,000 Hours Flown:					
Single Engine Turbine:	0.21	0.22	2.23	0.60	0.60
Multi-Engine Turbine:	0.00	0.00	4.46	6.40	0.00
Reciprocating:	1.99	0.00	1.06	0.55	2.27

1- FAA Aerospace Forecasts Fiscal Years 2011-2015

2- ANC12CA018 –excluded from tabulation