

Table 1
Reportable Aircraft Occurrences

	December			January to December		
	2012	2011	2007-2011 Average	2012	2011	2007-2011 Average
Number of reportable accidents	9	8	11	290	257	292
Accidents in Canada involving Canadian-registered aircraft	7	8	9	267	240	272
Accidents outside Canada involving Canadian-registered aircraft	2	0	1	8	7	8
Accidents in Canada involving foreign-registered aircraft	0	0	1	16	10	13
Number of accidents by operator type	9	8	11	290	257	292
Commercial	3	2	4	72	77	86
Airliner (705)	0	0	0	5	6	5
Commuter (704)	2	0	0	5	6	6
Air taxi (703)	0	2	2	34	37	48
Aerial work (702)	0	0	1	25	27	26
Foreign/Other (a)	1	0	0	4	1	2
State	0	0	0	4	2	4
Corporate	0	1	0	6	7	6
Private/Other (b)	6	5	7	208	172	197
Number of accidents by aircraft type	9	8	11	290	257	292
Aeroplane	7	8	9	206	201	219
Helicopter	2	0	2	40	36	38
Ultralight	0	0	1	36	17	28
Other (c)	0	0	0	8	3	7
Number of aircraft involved in accidents*	9	8	11	295	261	296
Aeroplanes	7	8	9	210	204	223
Helicopters	2	0	2	41	36	38
Ultralights	0	0	1	36	17	28
Others (c)	0	0	0	8	4	7
Number of fatal accidents by aircraft type	2	1	1	42	35	36
Aeroplane	1	1	1	25	23	23
Helicopter	1	0	0	7	8	7
Ultralight	0	0	0	8	3	5
Other (c)	0	0	0	2	1	1
Reportable accident fatalities	2	2	2	63	67	66
Reportable accident serious injuries	4	0	2	50	44	48
Accidents in Canada involving foreign-registered aircraft	0	0	1	16	10	13
Fatal accidents	0	0	0	1	2	1
Fatalities	0	0	0	1	2	1
Serious Injuries	0	0	0	4	1	2
Number of reportable incidents	50	50	67	636	677	808
Incidents in Canada involving Canadian-registered aircraft	33	40	48	481	520	593
Incidents outside Canada involving Canadian-registered aircraft	7	2	6	49	55	70
Incidents in Canada involving foreign-registered aircraft	10	8	14	128	127	178
Number of reportable incidents by type	50	50	67	636	677	808
Risk of collision/Loss of separation	5	3	8	101	120	164
Declared emergency	20	22	31	260	275	302
Engine failure	15	11	8	90	95	107
Smoke/Fire	1	6	9	71	88	99
Collision	1	0	1	5	7	8
Other	8	8	11	109	92	128

Data extracted January 15, 2013.

Reportable accidents and incidents are reported in accordance with the TSB's regulations for mandatory reporting of occurrences. Breakdowns may not add up to totals. For example, in the total "Number of accidents by aircraft type", when an occurrence involves an airplane and a helicopter, the occurrence is counted in each category, but only once in the total.

* Only "Number of aircraft involved in accidents" are aircraft counts, all other data are accident counts.

a. The commercial service type is not available for foreign-registered aircraft.

b. Other: contains, but is not limited to, organizations that rent aircraft (i.e., flying schools, flying clubs, etc.).

c. Includes balloons, gyroplanes, gliders, dirigibles, hang gliders and similar aircraft types.

Table 2
Occurrences Involving Canadian-Registered Aircraft

	December			January to December		
	2012	2011	2007-2011 Average	2012	2011	2007-2011 Average
Number of accidents by aircraft and operator type (a)	9	8	10	239	230	252
Aeroplane accidents	7	8	8	193	192	208
Commercial	2	2	2	45	49	56
Airliner (705)	0	0	0	5	5	5
Commuter (704)	2	0	0	5	4	5
Air taxi (703)	0	2	1	20	26	34
Aerial work (702)	0	0	0	15	14	13
Other	0	0	0	0	0	0
State	0	0	0	2	2	2
Corporate	0	1	0	3	4	4
Private/Other (b)	5	5	5	143	138	146
Helicopter accidents	2	0	2	40	35	37
Commercial	1	0	2	27	26	27
State	0	0	0	2	0	0
Corporate	0	0	0	1	1	1
Private/Other (b)	1	0	0	10	8	9
Other aircraft accidents (c)	0	0	0	6	3	7
Number of fatal accidents by aircraft and operator type (a)	2	1	1	33	30	30
Aeroplane accidents	1	1	1	25	21	22
Commercial	1	0	0	6	10	7
Airliner (705)	0	0	0	0	1	0
Commuter (704)	1	0	0	1	1	1
Air taxi (703)	0	0	0	3	6	5
Aerial work (702)	0	0	0	2	2	1
Other	0	0	0	0	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	1
Private/Other	0	1	1	19	11	14
Helicopter accidents	1	0	0	7	8	7
Other aircraft accidents (c)	0	0	0	1	1	1
Accident fatalities (a)	2	2	2	54	62	58
Accident serious injuries (a)	4	0	2	40	38	40
Number of incidents by type (a)	40	42	54	530	575	663
Risk of collision/Loss of separation	3	2	7	92	105	144
Declared emergency	16	18	22	200	224	224
Engine failure	12	11	7	77	87	91
Smoke/Fire	1	3	7	59	67	83
Collision	0	0	1	4	7	7
Other	8	8	10	98	85	115
Number of accidents involving ultralight aircraft	0	0	1	36	17	28
Fatal accidents	0	0	0	8	3	5
Fatalities	0	0	0	8	3	6
Serious injuries	0	0	0	6	5	6

Data extracted January 15, 2013.

Reportable accidents and incidents are reported in accordance with the TSB's regulations for mandatory reporting of occurrences. Breakdowns may not add up to totals. For example, in the total "Number of accidents by aircraft type", when an occurrence involves an airplane and a helicopter, the occurrence is counted in each category, but only once in the total.

- a. Accidents involving Canadian-registered aircraft, except ultralights.
- b. Other: contains, but is not limited to, organizations that rent aircraft (i.e. flying schools, flying clubs, etc.).
- c. Includes balloons, gyroplanes, gliders, dirigibles, hang gliders and similar aircraft types.

Table 3
Accidents Involving Canadian-Registered Fixed Wing and Rotary Wing Aircraft By Type of Operation

	December			January to December		
	2012	2011	2007-2011 Average	2012	2011	2007-2011 Average
Number of accidents by operation type	9	8	10	233	227	245
Aeroplane accidents	7	8	8	193	192	208
Training	1	2	1	27	28	32
Pleasure/Travel	4	3	4	109	102	104
Business	0	0	0	4	7	8
Forest fire management	0	0	0	2	1	1
Test/Demonstration/Ferry	0	1	0	4	4	4
Aerial application	0	0	0	4	4	7
Inspection	0	0	0	1	0	1
Air transport	2	1	1	28	35	38
Air ambulance	0	0	0	1	1	3
Sightseeing	0	0	0	6	2	2
Other/Unknown	0	1	0	9	10	9
Helicopter accidents	2	0	2	40	35	37
Training	0	0	0	1	2	3
Pleasure/Travel	0	0	0	8	9	6
Business	1	0	0	3	0	2
Forest fire management	0	0	0	1	2	1
Test/Demonstration/Ferry	0	0	0	0	1	1
Aerial application	0	0	0	4	1	1
Inspection	0	0	0	2	2	1
Air transport	0	0	1	9	13	15
Air ambulance	0	0	0	1	0	0
Sightseeing	0	0	0	1	0	0
Other/Unknown	1	0	1	10	5	6
Number of fatal accidents by operation type	2	1	1	32	29	28
Training	0	0	0	2	2	2
Pleasure/Travel	0	1	1	16	12	12
Business	1	0	0	2	0	1
Forest fire management	0	0	0	0	1	1
Test/Demonstration/Ferry	0	0	0	1	1	1
Aerial application	0	0	0	0	0	0
Inspection	0	0	0	0	1	0
Air transport	1	0	0	5	9	8
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	1	1	0
Other/Unknown	0	0	0	6	2	2
Fatalities	2	2	2	53	60	57
Serious injuries	4	0	2	37	38	36

Data extracted January 15, 2013.

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Canadian-registered aircraft, excluding ultralights, balloons, gyroplanes, gliders, dirigibles, hang gliders and similar aircraft types.