

Table 1
Reportable Aircraft Occurrences

	July			January to July		
	2013	2012	2008-2012 Average	2013	2012	2008-2012 Average
Number of reportable accidents	39	47	48	163	162	165
Accidents in Canada involving Canadian-registered aircraft	39	44	45	153	153	152
Accidents outside Canada involving Canadian-registered aircraft	0	1	1	2	2	4
Accidents in Canada involving foreign-registered aircraft	0	2	2	8	7	9
Number of accidents by operator type	39	47	48	163	162	165
Commercial	8	12	13	41	39	49
Airliner (705)	0	0	0	3	2	3
Commuter (704)	0	0	0	2	2	3
Air taxi (703)	5	3	7	23	21	26
Aerial work (702)	3	9	7	11	13	16
Foreign/Other (a)	0	0	0	2	1	1
State	1	0	1	3	3	3
Corporate	1	0	0	4	3	3
Private/Other (b)	29	35	34	115	117	111
Number of accidents by aircraft type	39	47	48	163	162	165
Aeroplane	26	31	36	120	113	125
Helicopter	3	6	5	20	20	21
Ultralight	6	8	5	16	23	15
Other (c)	4	2	1	8	6	4
Number of aircraft involved in accidents*	39	47	48	165	163	167
Aeroplanes	26	31	36	121	114	126
Helicopters	3	6	5	20	20	21
Ultralights	6	8	5	16	23	15
Others (c)	4	2	1	8	6	4
Number of fatal accidents by aircraft type	4	8	5	19	24	19
Aeroplane	2	4	3	11	13	12
Helicopter	1	1	1	5	4	3
Ultralight	1	3	1	2	5	3
Other (c)	0	0	0	2	2	1
Reportable accident fatalities	6	9	7	36	37	34
Reportable accident serious injuries	2	7	7	13	20	23
Accidents in Canada involving foreign-registered aircraft	0	2	2	8	7	9
Fatal accidents	0	0	0	0	1	1
Fatalities	0	0	0	0	1	1
Serious Injuries	0	1	1	0	1	1
Number of reportable incidents	59	59	76	396	352	452
Incidents in Canada involving Canadian-registered aircraft	47	44	57	316	261	333
Incidents outside Canada involving Canadian-registered aircraft	3	8	7	22	29	43
Incidents in Canada involving foreign-registered aircraft	10	8	16	67	71	92
Number of reportable incidents by type	59	59	76	396	352	452
Risk of collision/Loss of separation	7	9	15	68	56	89
Declared emergency	21	21	28	158	154	176
Engine failure	11	9	10	54	41	58
Smoke/Fire	4	8	10	41	40	52
Collision	1	0	1	8	2	4
Other	15	12	13	67	59	72

Data extracted August 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

	July			January to July		
	2013	2012	2008-2012 Average	2013	2012	2008-2012 Average
Number of accidents by aircraft and operator type (a)	33	37	40	140	132	141
Aeroplane accidents	26	30	34	113	108	117
Commercial	5	8	9	21	25	33
Airliner (705)	0	0	0	3	2	3
Commuter (704)	0	0	0	2	2	3
Air taxi (703)	3	2	4	11	13	18
Aerial work (702)	2	6	5	5	8	9
Other	0	0	0	0	0	0
State	1	0	0	1	1	2
Corporate	0	0	0	2	2	2
Private/Other (b)	20	22	24	89	80	81
Helicopter accidents	3	6	5	20	20	20
Commercial	3	4	4	17	14	15
State	0	0	0	1	2	0
Corporate	0	0	0	0	1	0
Private/Other (b)	0	2	1	2	3	5
Other aircraft accidents (c)	4	1	1	8	4	3
Number of fatal accidents by aircraft and operator type (a)	3	5	4	17	18	15
Aeroplane accidents	2	4	3	11	13	12
Commercial	0	0	1	2	2	4
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	0	0	1	2	2	3
Aerial work (702)	0	0	0	0	0	1
Other	0	0	0	0	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	1	0	0
Private/Other	2	4	1	8	11	8
Helicopter accidents	1	1	1	5	4	3
Other aircraft accidents (c)	0	0	0	2	1	0
Accident fatalities (a)	5	6	6	34	31	30
Accident serious injuries (a)	2	4	5	10	14	19
Number of incidents by type (a)	50	52	64	338	290	377
Risk of collision/Loss of separation	7	8	13	63	52	78
Declared emergency	15	19	22	124	116	137
Engine failure	10	6	8	48	35	51
Smoke/Fire	3	8	9	35	33	45
Collision	1	0	1	7	2	3
Other	14	11	12	61	52	63
Number of accidents involving ultralight aircraft	6	8	5	15	23	15
Fatal accidents	1	3	1	2	5	3
Fatalities	1	3	1	2	5	3
Serious injuries	0	2	1	3	5	3

Data extracted August 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

	July			January to July		
	2013	2012	2008-2012 Average	2013	2012	2008-2012 Average
Number of accidents by operation type	29	36	39	133	128	138
Aeroplane accidents	26	30	34	113	108	117
Training	4	5	6	18	15	21
Pleasure/Travel	15	18	16	70	63	58
Business	0	0	0	1	2	3
Forest fire management	1	1	1	2	1	2
Test/Demonstration/Ferry	0	1	1	1	2	2
Aerial application	1	2	4	1	2	4
Inspection	0	0	0	0	1	0
Air transport	2	2	4	13	14	21
Air ambulance	0	0	0	0	1	2
Sightseeing	1	1	1	1	4	2
Other/Unknown	2	0	2	6	4	4
Helicopter accidents	3	6	5	20	20	20
Training	0	0	0	1	1	2
Pleasure/Travel	0	2	1	0	3	3
Business	0	0	0	1	1	0
Forest fire management	1	1	1	1	1	1
Test/Demonstration/Ferry	0	0	0	1	0	0
Aerial application	0	2	1	0	3	1
Inspection	0	0	0	2	1	1
Air transport	1	1	2	7	3	8
Air ambulance	0	0	0	1	1	0
Sightseeing	0	0	0	0	1	0
Other/Unknown	1	0	0	6	5	3
Number of fatal accidents by operation type	3	5	4	16	17	15
Training	0	0	0	0	1	1
Pleasure/Travel	2	4	1	8	9	7
Business	0	0	0	1	1	1
Forest fire management	0	0	0	0	0	1
Test/Demonstration/Ferry	0	0	0	0	0	0
Aerial application	0	0	0	0	0	0
Inspection	0	0	0	1	0	0
Air transport	1	1	1	4	3	3
Air ambulance	0	0	0	1	0	0
Sightseeing	0	0	0	0	1	0
Other/Unknown	0	0	0	1	3	2
Fatalities	5	6	6	33	30	30
Serious injuries	2	3	5	10	13	18

Data extracted August 15, 2013.

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