

Table 1
Reportable Aircraft Occurrences

	October			January to October		
	2012	2011	2007-2011 Average	2012	2011	2007-2011 Average
Number of reportable accidents	23	25	23	266	236	266
Accidents in Canada involving Canadian-registered aircraft	21	25	22	244	220	249
Accidents outside Canada involving Canadian-registered aircraft	1	0	1	6	7	6
Accidents in Canada involving foreign-registered aircraft	1	0	0	17	9	12
Number of accidents by operator type	23	25	23	266	236	266
Commercial	9	7	5	67	71	77
Airliner (705)	1	0	0	4	6	4
Commuter (704)	1	2	1	3	6	5
Air taxi (703)	3	5	3	32	34	43
Aerial work (702)	3	0	1	26	24	23
Foreign/Other (a)	1	0	0	3	1	2
State	0	0	0	4	2	4
Corporate	1	2	0	5	6	5
Private/Other (b)	13	17	18	190	158	181
Number of accidents by aircraft type	23	25	23	266	236	266
Aeroplane	18	21	17	187	184	200
Helicopter	4	2	3	37	33	35
Ultralight	1	2	3	34	16	26
Other (c)	0	0	0	8	3	7
Number of aircraft involved in accidents*	23	26	23	270	239	270
Aeroplanes	18	22	17	190	186	203
Helicopters	4	2	3	38	33	35
Ultralights	1	2	3	34	16	26
Others (c)	0	0	0	8	4	7
Number of fatal accidents by aircraft type	5	3	3	37	31	32
Aeroplane	4	2	2	22	21	20
Helicopter	1	1	1	6	6	6
Ultralight	0	0	0	7	3	5
Other (c)	0	0	0	2	1	1
Reportable accident fatalities	7	5	5	59	60	57
Reportable accident serious injuries	3	6	4	39	40	43
Accidents in Canada involving foreign-registered aircraft	1	0	0	17	9	12
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	57	45	62	521	570	680
Incidents in Canada involving Canadian-registered aircraft	47	37	45	395	435	499
Incidents outside Canada involving Canadian-registered aircraft	3	2	7	38	51	60
Incidents in Canada involving foreign-registered aircraft	9	8	13	108	105	150
Number of reportable incidents by type	57	45	62	521	570	680
Risk of collision/Loss of separation	7	8	14	86	103	143
Declared emergency	23	20	23	218	228	245
Engine failure	5	5	6	62	79	93
Smoke/Fire	14	10	8	63	78	83
Collision	1	0	1	4	7	7
Other	7	2	10	88	75	108

Data extracted November 15, 2012.

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

	October			January to October		
	2012	2011	2007-2011 Average	2012	2011	2007-2011 Average
Number of accidents by aircraft and operator type (a)	21	23	20	216	211	230
Aeroplane accidents	17	21	16	173	176	190
Commercial	6	5	3	40	46	50
Airliner (705)	1	0	0	4	5	4
Commuter (704)	1	1	0	3	4	4
Air taxi (703)	2	4	3	18	24	30
Aerial work (702)	2	0	0	15	13	12
Other	0	0	0	0	0	0
State	0	0	0	2	2	2
Corporate	0	2	0	2	3	4
Private/Other (b)	11	15	13	129	126	135
Helicopter accidents	4	2	3	37	32	33
Commercial	3	2	1	26	23	24
State	0	0	0	2	0	0
Corporate	0	0	0	1	1	1
Private/Other (b)	1	0	2	8	8	8
Other aircraft accidents (c)	0	0	0	6	3	6
Number of fatal accidents by aircraft and operator type (a)	5	3	3	29	26	26
Aeroplane accidents	4	2	2	22	19	19
Commercial	1	2	1	4	9	6
Airliner (705)	0	0	0	0	1	0
Commuter (704)	0	1	0	0	1	1
Air taxi (703)	0	1	0	2	6	4
Aerial work (702)	1	0	0	2	1	1
Other	0	0	0	0	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	1
Private/Other	3	0	2	18	10	12
Helicopter accidents	1	1	1	6	6	6
Other aircraft accidents (c)	0	0	0	1	1	1
Accident fatalities (a)	7	5	5	50	55	50
Accident serious injuries (a)	3	4	3	29	34	35
Number of incidents by type (a)	50	39	51	433	486	558
Risk of collision/Loss of separation	7	7	12	79	90	126
Declared emergency	19	18	18	165	189	183
Engine failure	5	5	5	55	71	78
Smoke/Fire	11	7	6	52	60	70
Collision	1	0	1	4	7	6
Other	7	2	10	78	69	96
Number of accidents involving ultralight aircraft	1	2	3	34	16	26
Fatal accidents	0	0	0	7	3	5
Fatalities	0	0	0	8	3	6
Serious injuries	0	2	1	6	5	5

Data extracted November 15, 2012.

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

	October			January to October		
	2012	2011	2007-2011 Average	2012	2011	2007-2011 Average
Number of accidents by operation type	21	23	19	210	208	223
Aeroplane accidents	17	21	16	173	176	190
Training	3	3	2	22	25	30
Pleasure/Travel	7	10	9	99	94	95
Business	1	2	1	4	7	7
Forest fire management	0	0	0	2	1	1
Test/Demonstration/Ferry	1	0	0	3	2	4
Aerial application	0	0	0	4	4	7
Inspection	0	0	0	1	0	0
Air transport	4	6	3	23	33	34
Air ambulance	0	0	0	1	1	2
Sightseeing	0	0	0	6	2	2
Other/Unknown	1	1	1	9	8	9
Helicopter accidents	4	2	3	37	32	33
Training	0	0	0	1	1	3
Pleasure/Travel	1	0	1	7	9	5
Business	0	0	1	2	0	1
Forest fire management	0	0	0	1	2	1
Test/Demonstration/Ferry	0	1	0	0	1	1
Aerial application	1	0	0	4	1	1
Inspection	0	0	0	2	2	1
Air transport	1	1	1	9	12	14
Air ambulance	0	0	0	1	0	0
Sightseeing	0	0	0	1	0	0
Other/Unknown	1	0	1	9	4	5
Number of fatal accidents by operation type	5	3	3	28	25	25
Training	1	0	0	2	1	1
Pleasure/Travel	2	0	1	15	11	11
Business	0	0	0	1	0	1
Forest fire management	0	0	0	0	1	1
Test/Demonstration/Ferry	1	1	0	1	1	1
Aerial application	0	0	0	0	0	0
Inspection	0	0	0	0	1	0
Air transport	0	2	1	3	8	7
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	1	1	0
Other/Unknown	1	0	0	6	1	2
Fatalities	7	5	5	49	53	49
Serious injuries	3	4	3	26	34	31

Data extracted November 15, 2012.

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