

Table 1
Reportable Aircraft Occurrences

	September			January to September		
	2012	2011	2007-2011 Average	2012	2011	2007-2011 Average
Number of reportable accidents	42	26	31	243	211	244
Accidents in Canada involving Canadian-registered aircraft	39	25	30	223	195	227
Accidents outside Canada involving Canadian-registered aircraft	1	0	0	5	7	6
Accidents in Canada involving foreign-registered aircraft	3	1	1	16	9	11
Number of accidents by operator type	42	26	31	243	211	244
Commercial	11	9	7	58	64	72
Airliner (705)	1	0	0	3	6	4
Commuter (704)	0	0	0	2	4	4
Air taxi (703)	4	6	5	29	29	40
Aerial work (702)	6	2	1	23	24	22
Foreign/Other (a)	1	1	0	2	1	1
State	0	0	0	4	2	4
Corporate	1	1	1	4	4	5
Private/Other (b)	30	16	24	177	141	164
Number of accidents by aircraft type	42	26	31	243	211	244
Aeroplane	29	21	23	169	163	183
Helicopter	7	3	2	33	31	32
Ultralight	6	1	5	33	14	23
Other (c)	0	1	1	8	3	6
Number of aircraft involved in accidents*	44	27	32	247	213	247
Aeroplanes	31	21	23	172	164	186
Helicopters	7	3	2	34	31	32
Ultralights	6	1	5	33	14	23
Others (c)	0	2	2	8	4	6
Number of fatal accidents by aircraft type	2	5	3	32	28	29
Aeroplane	1	2	1	18	19	17
Helicopter	1	1	0	5	5	5
Ultralight	0	1	1	7	3	5
Other (c)	0	1	0	2	1	1
Reportable accident fatalities	3	7	4	52	55	52
Reportable accident serious injuries	6	7	5	36	34	39
Accidents in Canada involving foreign-registered aircraft	3	1	1	16	9	11
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	48	48	63	464	525	617
Incidents in Canada involving Canadian-registered aircraft	39	32	48	348	398	454
Incidents outside Canada involving Canadian-registered aircraft	5	4	4	35	49	53
Incidents in Canada involving foreign-registered aircraft	8	15	15	99	97	137
Number of reportable incidents by type	48	48	63	464	525	617
Risk of collision/Loss of separation	8	9	15	79	95	129
Declared emergency	17	17	20	195	208	223
Engine failure	9	8	10	57	74	86
Smoke/Fire	5	10	9	49	68	75
Collision	1	0	0	3	7	6
Other	8	4	9	81	73	98

Data extracted October 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

	September			January to September		
	2012	2011	2007-2011 Average	2012	2011	2007-2011 Average
Number of accidents by aircraft and operator type (a)	34	24	26	195	188	210
Aeroplane accidents	27	20	23	156	155	174
Commercial	6	7	5	34	41	47
Airliner (705)	1	0	0	3	5	4
Commuter (704)	0	0	0	2	3	4
Air taxi (703)	2	5	4	16	20	27
Aerial work (702)	3	2	1	13	13	12
Other	0	0	0	0	0	0
State	0	0	0	2	2	2
Corporate	0	0	0	2	1	3
Private/Other (b)	21	13	17	118	111	122
Helicopter accidents	7	3	2	33	30	30
Commercial	5	1	1	23	21	23
State	0	0	0	2	0	0
Corporate	0	1	0	1	1	1
Private/Other (b)	2	1	1	7	8	7
Other aircraft accidents (c)	0	1	1	6	3	6
Number of fatal accidents by aircraft and operator type (a)	2	4	2	24	23	23
Aeroplane accidents	1	2	1	18	17	17
Commercial	0	1	0	3	7	5
Airliner (705)	0	0	0	0	1	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	0	1	0	2	5	4
Aerial work (702)	0	0	0	1	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	1	1	1	15	10	11
Helicopter accidents	1	1	0	5	5	5
Other aircraft accidents (c)	0	1	0	1	1	1
Accident fatalities (a)	3	6	3	43	50	45
Accident serious injuries (a)	6	7	5	26	30	32
Number of incidents by type (a)	44	36	52	383	447	507
Risk of collision/Loss of separation	8	6	13	72	83	113
Declared emergency	14	11	15	146	171	165
Engine failure	8	8	9	50	66	73
Smoke/Fire	5	7	7	41	53	64
Collision	1	0	0	3	7	5
Other	8	4	9	71	67	86
Number of accidents involving ultralight aircraft	6	1	5	33	14	23
Fatal accidents	0	1	1	7	3	5
Fatalities	0	1	1	8	3	5
Serious injuries	0	0	1	6	3	4

Data extracted October 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

	September			January to September		
	2012	2011	2007-2011 Average	2012	2011	2007-2011 Average
Number of accidents by operation type	34	23	25	189	185	204
Aeroplane accidents	27	20	23	156	155	174
Training	3	1	3	19	22	28
Pleasure/Travel	14	13	12	92	84	86
Business	1	0	1	3	5	6
Forest fire management	0	0	0	2	1	1
Test/Demonstration/Ferry	0	0	1	2	2	3
Aerial application	1	1	1	4	4	7
Inspection	0	0	0	1	0	0
Air transport	5	5	4	19	27	31
Air ambulance	0	0	0	1	1	2
Sightseeing	0	0	0	6	2	1
Other/Unknown	3	0	1	8	7	8
Helicopter accidents	7	3	2	33	30	30
Training	0	1	0	1	1	3
Pleasure/Travel	1	2	1	6	9	4
Business	1	0	0	2	0	1
Forest fire management	0	0	0	1	2	1
Test/Demonstration/Ferry	0	0	0	0	0	1
Aerial application	0	0	0	3	1	1
Inspection	1	0	0	2	2	1
Air transport	2	0	1	8	11	13
Air ambulance	0	0	0	1	0	0
Sightseeing	0	0	0	1	0	0
Other/Unknown	2	0	0	8	4	4
Number of fatal accidents by operation type	2	3	1	23	22	22
Training	0	0	0	1	1	1
Pleasure/Travel	1	2	1	13	11	10
Business	0	0	0	1	0	1
Forest fire management	0	0	0	0	1	1
Test/Demonstration/Ferry	0	0	0	0	0	1
Aerial application	0	0	0	0	0	0
Inspection	0	0	0	0	1	0
Air transport	0	1	0	3	6	6
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	1	1	0
Other/Unknown	1	0	0	5	1	1
Fatalities	3	4	2	42	48	44
Serious injuries	6	7	4	23	30	29

Data extracted October 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 operation type", when an occurrence involves an airplane and a helicopter, the occurrence is counted in each category, but only once in the total.

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