

Table 1
Reportable Aircraft Occurrences

	December			January to December		
	2011	2010	2006-2010 Average	2011	2010	2006-2010 Average
Number of reportable accidents	8	17	12	257	288	301
Accidents in Canada involving Canadian-registered aircraft	8	17	10	240	273	279
Accidents outside Canada involving Canadian-registered aircraft	0	0	1	7	1	9
Accidents in Canada involving foreign-registered aircraft	0	0	1	10	14	14
Number of accidents by operator type	8	17	12	257	288	301
Commercial	2	11	5	77	86	92
Airliner (705)	0	0	0	6	6	5
Commuter (704)	0	1	0	6	7	5
Air taxi (703)	2	7	3	37	44	54
Aerial work (702)	0	3	1	27	28	26
Foreign/Other (a)	0	0	0	1	1	2
State	0	0	0	2	5	4
Corporate	1	0	0	7	2	5
Private/Other (b)	5	6	7	172	195	201
Number of accidents by aircraft type	8	17	12	257	288	301
Aeroplane	8	9	9	201	220	222
Helicopter	0	8	3	36	31	42
Ultralight	0	0	1	17	30	30
Other (c)	0	0	0	3	7	7
Number of aircraft involved in accidents*	8	17	12	261	290	306
Aeroplanes	8	9	9	204	222	226
Helicopters	0	8	3	36	31	42
Ultralights	0	0	1	17	30	30
Others (c)	0	0	0	4	7	7
Number of fatal accidents by aircraft type	1	2	1	35	36	36
Aeroplane	1	2	1	23	28	23
Helicopter	0	0	0	8	3	7
Ultralight	0	0	0	3	3	5
Other (c)	0	0	0	1	2	1
Reportable accident fatalities	2	2	2	70	70	63
Reportable accident serious injuries	0	2	2	43	36	50
Accidents in Canada involving foreign-registered aircraft	0	0	1	10	14	14
Fatal accidents	0	0	0	2	2	1
Fatalities	0	0	0	2	2	1
Serious Injuries	0	0	0	1	1	2
Number of reportable incidents	48	67	71	675	815	834
Incidents in Canada involving Canadian-registered aircraft	38	42	52	518	583	605
Incidents outside Canada involving Canadian-registered aircraft	2	12	6	55	83	75
Incidents in Canada involving foreign-registered aircraft	8	13	15	127	188	190
Number of reportable incidents by type	48	67	71	675	815	834
Risk of collision/Loss of separation	3	5	10	120	206	173
Declared emergency	22	32	31	275	310	299
Engine failure	11	7	8	95	87	114
Smoke/Fire	6	11	10	88	81	102
Collision	0	0	1	7	4	11
Other	6	12	11	90	127	135

Data extracted January 16, 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

	December			January to December		
	2011	2010	2006-2010 Average	2011	2010	2006-2010 Average
Number of accidents by aircraft and operator type (a)	8	17	11	230	244	258
Aeroplane accidents	8	9	8	192	209	210
Commercial	2	3	2	49	57	57
Airliner (705)	0	0	0	5	6	5
Commuter (704)	0	1	0	4	6	5
Air taxi (703)	2	2	1	26	28	35
Aerial work (702)	0	0	0	14	17	13
Other	0	0	0	0	0	0
State	0	0	0	2	3	3
Corporate	1	0	0	4	2	4
Private/Other (b)	5	6	6	138	147	147
Helicopter accidents	0	8	3	35	29	41
Commercial	0	8	2	26	27	32
State	0	0	0	0	0	0
Corporate	0	0	0	1	0	1
Private/Other (b)	0	0	0	8	2	8
Other aircraft accidents (c)	0	0	0	3	6	7
Number of fatal accidents by aircraft and operator type (a)	1	2	1	30	31	30
Aeroplane accidents	1	2	1	21	27	22
Commercial	0	1	0	10	12	7
Airliner (705)	0	0	0	1	0	0
Commuter (704)	0	0	0	1	1	0
Air taxi (703)	0	1	0	6	7	5
Aerial work (702)	0	0	0	2	4	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	11	15	15
Helicopter accidents	0	0	0	8	3	7
Other aircraft accidents (c)	0	0	0	1	1	1
Accident fatalities (a)	2	2	2	65	64	56
Accident serious injuries (a)	0	2	2	37	31	40
Number of incidents by type (a)	40	54	58	573	666	680
Risk of collision/Loss of separation	2	5	9	105	179	153
Declared emergency	18	26	22	224	238	216
Engine failure	11	3	7	87	67	94
Smoke/Fire	3	10	9	67	70	87
Collision	0	0	1	7	3	9
Other	6	10	10	83	109	120
Number of accidents involving ultralight aircraft	0	0	1	17	30	30
Fatal accidents	0	0	0	3	3	5
Fatalities	0	0	0	3	4	6
Serious injuries	0	0	0	5	4	7

Data extracted January 16, 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

	December			January to December		
	2011	2010	2006-2010 Average	2011	2010	2006-2010 Average
Number of accidents by operation type	8	17	11	227	238	251
Aeroplane accidents	8	9	8	192	209	210
Training	2	0	2	28	28	33
Pleasure/Travel	3	5	4	102	108	103
Business	0	0	0	7	6	8
Forest fire management	0	0	0	1	2	2
Test/Demonstration/Ferry	1	0	0	4	6	5
Aerial application	0	0	0	4	10	8
Inspection	0	0	0	0	1	1
Air transport	1	3	1	35	37	39
Air ambulance	0	1	0	1	2	3
Sightseeing	0	0	0	2	1	2
Other/Unknown	1	0	0	10	9	8
Helicopter accidents	0	8	3	35	29	41
Training	0	0	0	2	0	3
Pleasure/Travel	0	0	0	9	2	5
Business	0	0	0	0	0	2
Forest fire management	0	0	0	2	1	2
Test/Demonstration/Ferry	0	0	0	1	1	1
Aerial application	0	0	0	1	3	1
Inspection	0	0	0	2	1	1
Air transport	0	5	1	13	15	18
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	3	1	5	6	8
Number of fatal accidents by operation type	1	2	1	29	30	29
Training	0	0	0	2	1	2
Pleasure/Travel	1	1	1	12	14	12
Business	0	0	0	0	1	1
Forest fire management	0	0	0	1	2	1
Test/Demonstration/Ferry	0	0	0	1	1	2
Aerial application	0	0	0	0	0	0
Inspection	0	0	0	1	0	0
Air transport	0	1	0	9	9	7
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	1	0	0
Other/Unknown	0	0	0	2	2	2
Fatalities	2	2	2	63	63	55
Serious injuries	0	2	2	37	30	36

Data extracted January 16, 2012.

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