

Table 1
Reportable Aircraft Occurrences

	August			January to August		
	2011	2010	2006-2010 Average	2011	2010	2006-2010 Average
Number of reportable accidents	32	32	43	183	206	220
Accidents in Canada involving Canadian-registered aircraft	29	30	39	169	191	203
Accidents outside Canada involving Canadian-registered aircraft	0	0	1	6	1	6
Accidents in Canada involving foreign-registered aircraft	3	2	2	8	14	12
Number of accidents by operator type	32	32	43	183	206	220
Commercial	7	11	11	53	58	69
Airliner (705)	2	0	0	6	4	3
Commuter (704)	0	3	1	4	5	3
Air taxi (703)	3	7	6	23	28	39
Aerial work (702)	2	1	4	20	20	22
Foreign/Other	a	0	0	0	1	1
State	0	0	1	2	5	4
Corporate	1	0	0	3	1	4
Private/Other	b	24	21	125	142	144
Number of accidents by aircraft type	32	32	43	183	206	220
Aeroplane	21	23	30	140	163	164
Helicopter	8	5	6	28	20	31
Ultralight	2	3	5	13	19	20
Other	c	1	1	2	4	5
Number of aircraft involved in accidents*	32	33	43	184	208	224
Aeroplanes	21	24	31	141	165	168
Helicopters	8	5	6	28	20	31
Ultralights	2	3	5	13	19	20
Others	c	1	1	2	4	5
Number of fatal accidents by aircraft type	5	7	8	23	27	26
Aeroplane	4	4	4	17	20	16
Helicopter	1	2	2	4	3	6
Ultralight	0	0	1	2	2	3
Other	c	0	1	0	2	1
Reportable accident fatalities	20	15	15	48	55	46
Reportable accident serious injuries	3	4	7	26	23	35
Accidents in Canada involving foreign-registered aircraft	3	2	2	8	14	12
Fatal accidents	1	0	0	2	2	1
Fatalities	1	0	0	2	2	1
Serious Injuries	0	1	1	1	1	2
Number of reportable incidents	55	64	71	474	546	568
Incidents in Canada involving Canadian-registered aircraft	41	49	53	364	398	410
Incidents outside Canada involving Canadian-registered aircraft	4	4	5	46	50	50
Incidents in Canada involving foreign-registered aircraft	12	14	17	80	125	133
Number of reportable incidents by type	55	64	71	474	546	568
Risk of collision/Loss of separation	13	18	18	86	149	121
Declared emergency	18	23	23	190	209	198
Engine failure	8	8	11	65	56	81
Smoke/Fire	5	4	7	58	50	69
Collision	2	0	1	7	3	8
Other	9	11	10	68	79	90

Data extracted September 19, 2011.

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

		August			January to August		
		2011	2010	2006-2010 Average	2011	2010	2006-2010 Average
Number of accidents by aircraft and operator type	a	27	27	36	162	173	190
Aeroplane accidents		19	22	28	133	152	154
Commercial		3	6	5	32	40	43
Airliner (705)		2	0	0	5	4	3
Commuter (704)		0	2	0	3	4	3
Air taxi (703)		1	3	3	15	19	26
Aerial work (702)		0	1	1	9	13	11
Other		0	0	0	0	0	0
State		0	0	0	2	3	2
Corporate		0	0	0	1	1	3
Private/Other	b	16	16	22	98	108	106
Helicopter accidents		7	4	6	27	18	30
Commercial		4	4	5	20	16	24
State		0	0	0	0	0	0
Corporate		0	0	0	0	0	1
Private/Other	b	3	0	1	7	2	6
Other aircraft accidents	c	1	1	2	2	3	5
Number of fatal accidents by aircraft and operator type	a	4	7	7	19	23	22
Aeroplane accidents		3	4	4	15	19	16
Commercial		1	0	1	6	9	5
Airliner (705)		1	0	0	1	0	0
Commuter (704)		0	0	0	0	0	0
Air taxi (703)		0	0	1	4	6	4
Aerial work (702)		0	0	0	1	3	1
Other		0	0	0	0	0	0
State		0	0	0	0	0	0
Corporate		0	0	0	0	0	1
Private/Other		2	4	3	9	10	10
Helicopter accidents		1	2	2	4	3	6
Other aircraft accidents	c	0	1	1	0	1	1
Accident fatalities	a	19	15	13	44	51	42
Accident serious injuries	a	3	2	5	22	19	29
Number of incidents by type	a	45	53	58	410	448	461
Risk of collision/Loss of separation		11	15	16	77	128	106
Declared emergency		15	16	17	160	161	142
Engine failure		5	8	9	58	47	68
Smoke/Fire		4	3	6	46	45	60
Collision		2	0	1	7	2	6
Other		8	11	9	62	65	79
Number of accidents involving ultralight aircraft		2	3	4	13	19	20
Fatal accidents		0	0	1	2	2	3
Fatalities		0	0	1	2	2	4
Serious injuries		0	1	1	3	3	4

Data extracted September 19, 2011.

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

	August			January to August		
	2011	2010	2006-2010 Average	2011	2010	2006-2010 Average
Number of accidents by operation type	26	26	34	160	170	185
Aeroplane accidents	19	22	28	133	152	154
Training	0	1	3	21	19	24
Pleasure/Travel	15	15	17	71	79	75
Business	1	0	1	5	5	5
Forest fire management	0	0	0	0	2	2
Test/Demonstration/Ferry	0	0	1	2	4	3
Aerial application	0	0	2	3	9	7
Inspection	0	0	0	0	1	0
Air transport	3	5	4	22	26	29
Air ambulance	0	0	0	1	0	2
Sightseeing	0	0	0	2	1	1
Other/Unknown	0	2	2	6	7	7
Helicopter accidents	7	4	6	27	18	30
Training	0	0	0	0	0	3
Pleasure/Travel	3	0	0	7	2	3
Business	0	0	0	0	0	1
Forest fire management	0	0	0	2	1	1
Test/Demonstration/Ferry	0	0	0	0	1	1
Aerial application	0	0	0	1	2	1
Inspection	0	0	0	2	1	1
Air transport	3	4	3	11	8	14
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	1	0	1	4	3	6
Number of fatal accidents by operation type	4	6	6	19	22	21
Training	0	0	0	1	0	1
Pleasure/Travel	3	4	2	9	9	8
Business	0	0	0	0	1	1
Forest fire management	0	0	0	1	2	1
Test/Demonstration/Ferry	0	0	0	0	1	2
Aerial application	0	0	0	0	0	0
Inspection	0	0	0	1	0	0
Air transport	1	2	2	5	7	6
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	1	0	0
Other/Unknown	0	0	0	1	2	2
Fatalities	19	14	12	44	50	41
Serious injuries	3	2	3	22	19	25

Data extracted September 19, 2011.

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