

Table 1

Reportable Aircraft Occurrences

	August			Year to Date (August)		
	2015	2014	2010-2014 Average	2015	2014	2010-2014 Average
Number of reportable accidents	25	38	37	176	186	197
Accidents in Canada involving Canadian-registered aircraft	25	35	34	165	176	184
Accidents outside Canada involving Canadian-registered aircraft	0	0	0	4	4	4
Accidents in Canada involving foreign-registered aircraft	0	3	3	7	6	10
Number of accidents by operator type	25	38	37	176	186	197
Commercial	5	6	9	51	41	51
Airliner (705)	0	0	1	5	3	4
Commuter (704)	0	0	1	2	0	3
Air taxi (703)	4	1	4	14	23	25
Aerial work (702)	1	5	4	15	15	19
Foreign/Other (a)	0	0	0	15	1	1
State	0	0	0	1	2	3
Corporate	0	2	1	0	5	3
Private/Other (b)	20	30	27	125	138	140
Number of accidents by aircraft type	25	38	37	176	186	197
Aeroplane	19	30	28	139	134	147
Helicopter	1	2	5	24	23	24
Ultralight	4	5	3	11	22	20
Other (c)	2	1	2	4	7	6
Number of aircraft involved in accidents*	26	38	38	180	188	199
Aeroplanes	19	30	28	141	136	148
Helicopters	1	2	5	24	23	25
Ultralights	4	5	3	11	22	20
Others (c)	2	1	2	4	7	6
Number of fatal accidents by aircraft type	1	5	6	17	11	24
Aeroplane	1	5	5	13	9	16
Helicopter	0	0	1	1	0	3
Ultralight	0	0	0	3	2	3
Other (c)	0	0	1	0	0	2
Reportable accident fatalities	6	8	13	30	17	43
Reportable accident serious injuries	2	7	5	16	32	25
Accidents in Canada involving foreign-registered aircraft	0	3	3	7	6	10
Fatal accidents	0	1	1	2	1	1
Fatalities	0	3	1	3	3	2
Serious Injuries	0	0	1	0	1	1
Occurrences with a dangerous good release	2	2	1	4	4	1
Number of reportable incidents**	77	73	63	546	477	475
Incidents in Canada involving Canadian-registered aircraft	59	60	49	459	376	363
Incidents outside Canada involving Canadian-registered aircraft	6	5	4	37	36	37
Incidents in Canada involving foreign-registered aircraft	17	9	13	69	73	90
Number of reportable incidents by type	77	73	63	546	477	475
Risk of collision/Loss of separation	15	15	14	78	64	90
Declared emergency	30	20	22	223	199	192
Engine failure	12	9	8	75	66	59
Smoke/Fire	8	8	5	59	52	49
Collision	0	3	1	7	9	6
Other	12	18	13	104	87	78

Data extracted September 16, 2015

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, unmanned aerial vehicles (UAV) and similar aircraft types.

New TSB regulations came into effect on July 1, 2014, changing some reporting requirements.

**Under new reporting requirements aviation incidents include: a) aircraft having a maximum certificated take-off weight greater than 2 250 kg (formerly 5700 kg); b) aircraft being operated under an air operator certificate issued under CARS Part VII.

Table 2

Occurrences Involving Canadian-Registered Aircraft

	August			Year to Date (August)		
	2015	2014	2010-2014 Average	2015	2014	2010-2014 Average
Number of accidents by aircraft and operator type	21	30	31	159	159	168
Aeroplane accidents	19	27	25	134	129	139
Commercial	5	4	5	34	22	31
Airliner (705)	0	0	1	5	3	4
Commuter (704)	0	0	0	2	0	2
Air taxi (703)	4	1	2	7	11	14
Aerial work (702)	1	3	3	9	8	10
Other	0	0	0	11	0	0
State	0	0	0	1	2	2
Corporate	0	1	0	0	2	2
Private/Other (a)	14	22	19	100	103	104
Helicopter accidents	1	2	5	23	23	24
Commercial	0	2	3	17	18	19
State	0	0	0	0	0	1
Corporate	0	0	0	0	0	0
Private/Other (a)	1	0	1	6	5	4
Other aircraft accidents (b)	2	1	1	4	7	6
Number of fatal accidents by aircraft and operator type	1	4	5	13	8	19
Aeroplane accidents	1	4	4	12	8	15
Commercial	1	1	1	4	2	5
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	1	1	1	2	1	3
Aerial work (702)	0	0	0	1	1	1
Other	0	0	0	1	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other	0	3	3	9	6	10
Helicopter accidents	0	0	1	1	0	3
Other aircraft accidents (b)	0	0	0	0	0	1
Accident fatalities	6	5	11	25	12	38
Accident serious injuries	2	6	4	15	25	20
Number of incidents by type*	65	65	53	495	412	400
Risk of collision/Loss of separation	14	14	12	72	57	80
Declared emergency	24	19	17	195	172	154
Engine failure	9	9	7	71	58	52
Smoke/Fire	6	6	4	53	42	41
Collision	0	3	1	6	8	5
Other	12	14	11	98	75	68
Number of accidents involving ultralight aircraft	4	5	3	10	21	19
Fatal accidents	0	0	0	2	2	3
Fatalities	0	0	0	2	2	3
Serious injuries	0	1	1	1	6	4

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a. Other: contains, but is not limited to, organizations that rent aircraft (i.e., flying schools, flying clubs, etc.).

b. Includes balloons, gyroplanes, gliders, dirigibles, hang gliders, unmanned aerial vehicles (UAV) and similar aircraft types.

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*Under new reporting requirements aviation incidents include: a) aircraft having a maximum certificated take-off weight greater than 2 250 kg (formerly 5700 kg); b) aircraft being operated under an air operator certificate issued under CARS Part VII.

Table 3

Accidents Involving Canadian-Registered Fixed Wing and Rotary Wing Aircraft By Type of Operation

	August			Year to Date (August)		
	2015	2014	2010-2014 Average	2015	2014	2010-2014 Average
Number of accidents by operation type	20	29	30	157	152	162
Aeroplane accidents	19	27	25	134	129	139
Training	0	5	2	12	22	20
Pleasure/Travel	12	14	16	85	70	78
Business	0	1	0	0	8	4
Forest fire management	0	1	1	2	2	2
Test/Demonstration/Ferry	1	2	0	1	3	2
Aerial application	2	3	2	5	5	5
Inspection	0	0	0	1	0	0
Air transport	2	1	2	13	13	18
Air ambulance	0	0	0	0	1	1
Sightseeing	1	0	0	1	1	2
Other/Unknown	1	0	1	15	4	6
Helicopter accidents	1	2	5	23	23	24
Training	0	0	0	5	1	1
Pleasure/Travel	1	0	1	6	4	4
Business	0	0	0	0	0	0
Forest fire management	0	0	0	2	0	1
Test/Demonstration/Ferry	0	0	0	0	0	0
Aerial application	0	0	0	1	1	2
Inspection	0	0	0	0	1	1
Air transport	0	1	2	4	13	9
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	1	0
Other/Unknown	0	1	1	5	2	4
Number of fatal accidents by operation type	1	4	5	13	8	18
Training	0	1	1	1	1	1
Pleasure/Travel	0	2	3	8	5	9
Business	0	0	0	0	1	1
Forest fire management	0	0	0	1	0	1
Test/Demonstration/Ferry	0	0	0	0	0	0
Aerial application	0	0	0	0	0	0
Inspection	0	0	0	0	0	0
Air transport	0	1	1	2	1	4
Air ambulance	0	0	0	0	0	0
Sightseeing	1	0	0	1	0	0
Other/Unknown	0	0	0	1	0	2
Fatalities	6	5	11	25	12	37
Serious injuries	2	6	4	15	24	19

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

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