

Table 1

Reportable Aircraft Occurrences

	February			Year to Date (February)		
	2017	2016	2012-2016 Average	2017	2016	2012-2016 Average
Number of reportable accidents	12	7	10	22	20	21
Accidents in Canada involving Canadian-registered aircraft	10	7	9	18	16	19
Accidents outside Canada involving Canadian-registered aircraft	2	0	1	3	2	1
Accidents in Canada involving foreign-registered aircraft	0	0	0	1	2	1
Number of accidents by operator type	12	7	10	22	20	21
Commercial	5	2	4	10	9	11
Airliner (705)	0	0	1	0	0	1
Commuter (704)	1	0	0	1	0	0
Air taxi (703)	0	1	1	2	5	5
Aerial work (702)	0	0	0	0	1	1
Foreign/Other (a)	4	1	2	7	4	4
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other (b)	7	5	5	12	11	10
Number of accidents by aircraft type	12	7	10	22	20	21
Aeroplane	10	5	7	15	16	16
Helicopter	0	1	2	2	3	4
Ultralight	1	1	0	4	1	0
Other (c)	1	0	0	1	0	0
Number of aircraft involved in accidents*	12	8	10	23	22	22
Aeroplanes	10	6	8	16	18	17
Helicopters	0	1	2	2	3	4
Ultralights	1	1	0	4	1	0
Others (c)	1	0	0	1	0	0
Number of fatal accidents by aircraft type	2	0	1	2	0	1
Aeroplane	2	0	1	2	0	1
Helicopter	0	0	0	0	0	0
Ultralight	0	0	0	0	0	0
Other (c)	0	0	0	0	0	0
Reportable accident fatalities	4	0	1	4	0	3
Reportable accident serious injuries	0	1	1	3	1	2
Accidents in Canada involving foreign-registered aircraft	0	0	0	1	2	1
Fatal accidents	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0
Serious Injuries	0	0	0	0	0	0
Occurrences with a dangerous good release	0	0	0	0	1	1
Number of reportable incidents**	67	63	56	127	134	122
Incidents in Canada involving Canadian-registered aircraft	49	47	44	94	102	92
Incidents outside Canada involving Canadian-registered aircraft	12	9	5	21	15	11
Incidents in Canada involving foreign-registered aircraft	10	10	8	19	20	21
Number of reportable incidents by type	67	63	56	127	134	122
Risk of collision/Loss of separation	12	11	7	26	20	15
Declared emergency	22	26	24	47	52	53
Engine failure	10	6	6	12	16	14
Smoke/Fire	9	10	7	13	19	16
Collision	1	0	1	3	0	2
Other	13	10	9	26	27	22

Data extracted March 15, 2017

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

	February			Year to Date (February)		
	2017	2016	2012-2016 Average	2017	2016	2012-2016 Average
Number of accidents by aircraft and operator type	11	6	9	17	17	20
Aeroplane accidents	10	5	7	14	15	16
Commercial	5	2	3	7	6	7
Airliner (705)	0	0	1	0	0	1
Commuter (704)	1	0	0	1	0	0
Air taxi (703)	0	1	1	1	3	2
Aerial work (702)	0	0	0	0	1	1
Other	4	1	2	5	3	4
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other (a)	5	3	4	7	9	9
Helicopter accidents	0	1	2	2	2	4
Commercial	0	0	1	2	1	3
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other (a)	0	1	0	0	1	0
Other aircraft accidents (b)	1	0	0	1	0	0
Number of fatal accidents by aircraft and operator type	2	0	1	2	0	1
Aeroplane accidents	2	0	1	2	0	1
Commercial	1	0	0	1	0	0
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	0	0	0	0	0	0
Aerial work (702)	0	0	0	0	0	0
Other	1	0	0	1	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other	1	0	1	1	0	1
Helicopter accidents	0	0	0	0	0	0
Other aircraft accidents (b)	0	0	0	0	0	0
Accident fatalities	4	0	1	4	0	3
Accident serious injuries	0	0	1	1	0	2
Number of incidents by type*	61	56	49	115	117	104
Risk of collision/Loss of separation	10	8	6	23	14	13
Declared emergency	21	26	21	44	49	43
Engine failure	8	5	6	8	15	13
Smoke/Fire	9	9	7	13	17	13
Collision	1	0	1	3	0	2
Other	12	8	9	24	22	19
Number of accidents involving ultralight aircraft	1	1	0	4	1	0
Fatal accidents	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0
Serious injuries	0	1	0	2	1	0

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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.

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 3

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

	February			Year to Date (February)		
	2017	2016	2012-2016 Average	2017	2016	2012-2016 Average
Number of accidents by operation type	10	6	9	16	17	20
Aeroplane accidents	10	5	7	14	15	16
Training	4	1	2	5	3	4
Pleasure/Travel	4	3	4	5	8	7
Business	0	0	0	1	1	1
Forest fire management	0	0	0	0	0	0
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	1	1	1	2	1	2
Air ambulance	0	0	0	0	1	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	1	0	1	1	2	2
Helicopter accidents	0	1	2	2	2	4
Training	0	0	0	1	0	1
Pleasure/Travel	0	1	0	0	1	0
Business	0	0	0	0	0	0
Forest fire management	0	0	0	0	0	0
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	0	0	0	1	1
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	0	0	1	0	1
Number of fatal accidents by operation type	2	0	1	2	0	1
Training	1	0	0	1	0	0
Pleasure/Travel	0	0	0	0	0	0
Business	0	0	0	0	0	0
Forest fire management	0	0	0	0	0	0
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	0	0	0	0	0
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	1	0	0	1	0	1
Fatalities	4	0	1	4	0	3
Serious injuries	0	0	1	1	0	2

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

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