

Transportation Safety Board of Canada

Table 1
Aviation Occurrence and Casualty Statistics - November 2009

	November			Year To Date		
	2009	2008	2004-2008 Average	2009	2008	2004-2008 Average
Canadian-Registered Aircraft Accidents¹	11	13	12	237	247	253
Aeroplanes Involved ²	8	15	9	204	197	204
Airliners	0	2	0	2	8	5
Commuters	0	3	1	5	5	4
Air Taxis	2	4	2	33	41	36
Aerial Work	0	0	0	10	12	12
State	0	0	0	2	3	2
Corporate	0	0	0	4	4	4
Private/Other ³	6	6	5	148	124	140
Helicopters Involved	2	0	3	31	41	46
Other Aircraft Involved ⁴	1	0	0	7	13	8
Fatal Accidents	3	2	1	27	24	28
Aeroplanes Involved	2	2	1	19	15	20
Airliners	0	0	0	0	0	0
Commuters	0	0	0	0	0	0
Air Taxis	2	1	0	4	3	4
Aerial Work	0	0	0	0	0	1
State	0	0	0	0	0	0
Corporate	0	0	0	0	2	1
Private/Other ³	0	1	1	15	10	14
Helicopters Involved	1	0	0	7	8	7
Other Aircraft Involved	0	0	0	1	1	1
Fatalities	10	8	3	62	47	47
Serious Injuries	4	2	2	30	38	39
Canadian-Registered Ultralight Aircraft Accidents	1	2	1	33	29	30
Fatal Accidents	0	0	0	3	12	6
Fatalities	0	0	0	4	13	7
Serious Injuries	1	0	1	8	4	8
Foreign-Registered Aircraft Accidents in Canada	0	0	0	13	13	15
Fatal Accidents	0	0	0	2	0	2
Fatalities	0	0	0	2	0	4
Serious Injuries	0	0	0	3	5	5
All Aircraft: Reportable Incidents	58	64	66	741	836	797
Risk of Collision/Loss of Separation	16	11	12	143	164	171
Declared Emergency	21	25	23	280	291	251
Engine Failure	5	7	9	103	119	128
Smoke/Fire	10	8	8	94	103	98
Collision	0	0	1	8	9	14
Other	6	13	13	113	150	136

¹ Ultralight aircraft excluded.

² As some accidents may involve multiple aircraft, the number of aircraft involved may differ from the total number of accidents.

³ Other: contains, but is not limited to, organizations that rent aircraft (i.e. flying schools, flying clubs, etc.).

⁴ Includes gliders, balloons and gyrocopters.

Figures are preliminary as of December 17 2009

All five-year averages have been rounded. Totals sometimes do not coincide to the sum of averages.

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Table 2
Canadian-Registered Fixed Wing and Rotary Wing Aircraft Involved in Accidents - November 2009
By Type of Operation

	November			Year To Date		
	2009	2008	2004-2008 Average	2009	2008	2004-2008 Average
Canadian-Registered Aircraft Accidents¹	11	13	12	237	247	253
Aeroplanes Involved	8	15	9	204	197	204
Training	0	1	1	40	30	26
Pleasure/Travel	6	4	4	105	80	103
Business	0	0	0	4	7	8
Forest Fire Management	0	0	0	3	1	2
Test/Demonstration/Ferry	0	0	0	0	3	6
Aerial Application	0	0	0	5	9	7
Inspection	0	0	0	0	1	1
Air Transport	2	9	3	32	49	39
Air Ambulance	0	0	0	4	3	2
Other/Unknown	0	1	1	11	14	11
Helicopters Involved	2	0	3	31	41	46
Training	1	0	0	5	6	4
Pleasure/Travel	1	0	1	5	8	6
Business	0	0	0	2	0	1
Forest Fire Management	0	0	0	4	0	2
Test/Demonstration/Ferry	0	0	0	0	0	1
Aerial Application	0	0	0	0	1	1
Inspection	0	0	0	0	0	1
Air Transport	0	0	1	10	22	20
Air Ambulance	0	0	0	0	1	0
Other/Unknown	0	0	1	5	3	10
Fatal Accidents	3	2	1	27	24	28
Aeroplanes and Helicopters Involved	3	2	1	26	23	27
Training	0	0	0	2	0	2
Pleasure/Travel	1	1	1	15	8	11
Business	0	0	0	1	2	1
Forest Fire Management	0	0	0	1	0	0
Test/Demonstration/Ferry	0	0	0	0	1	2
Aerial Application	0	0	0	0	1	0
Inspection	0	0	0	0	0	0
Air Transport	2	1	0	6	7	7
Air Ambulance	0	0	0	1	0	0
Other/Unknown	0	0	0	0	4	3
Fatalities	10	8	3	62	47	47
Serious Injuries	4	2	2	30	38	39

¹ Ultralight aircraft excluded.

Figures are preliminary as of December 17 2009

All five-year averages have been rounded. Totals sometimes do not coincide to the sum of averages.

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Table 3

**Canadian-Registered Aircraft Involved in Incidents - November 2009
Selected Reportable Incident Types by First Event**

	November			Year To Date		
	2009	2008	2004-2008 Average	2009	2008	2004-2008 Average
Risk of Collision/Loss of Separation	22	19	16	206	232	237
Air Proximity	6	9	5	84	78	76
Air Traffic Services Event	16	9	9	99	127	131
Altitude Related	0	1	0	4	6	6
Runway Incursion	0	0	1	9	7	9
Other	0	0	1	10	14	15
Declared Emergency	14	17	16	210	213	174
Landing Gear Failure	3	1	2	58	42	37
Hydraulic Failure	3	1	1	23	18	22
Electrical Failure	0	1	0	12	5	6
Other Component Failure	5	11	8	80	106	71
Other	3	3	4	37	42	39
Engine Failure	4	5	7	90	90	100
Power Loss	1	2	3	44	42	48
Component Failure	3	3	3	41	39	44
Other	0	0	1	5	9	8
Smoke/Fire	7	6	8	78	85	81
Fire/Explosion	7	5	5	60	60	59
Component Failure	0	1	2	17	20	20
Other	0	0	0	1	5	2
Difficulty in Controlling Aircraft	0	3	2	17	27	33
Component Failure	0	1	1	5	11	14
Weather Related	0	1	1	2	4	10
Other	0	1	0	10	12	10

Figures are preliminary as of December 17 2009

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