

Transportation Safety Board of Canada

Table 1
Aviation Occurrence and Casualty Statistics - November 2005

	November			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Canadian-Registered Aircraft Accidents¹	13	8	10	244	244	277
Aeroplanes Involved ²	8	4	7	195	198	223
Airliners	0	0	0	5	3	5
Commuters	1	0	0	5	1	5
Air Taxis	1	1	1	30	40	38
Aerial Work	2	0	0	14	8	15
State	0	0	0	1	2	3
Corporate	0	0	0	5	3	3
Private/Other ³	4	3	5	135	141	154
Helicopters Involved	4	4	3	46	41	46
Other Aircraft Involved ⁴	1	0	0	7	9	10
Fatal Accidents	4	0	1	32	23	31
Aeroplanes Involved	2	0	0	21	17	23
Airliners	0	0	0	0	0	0
Commuters	0	0	0	1	0	0
Air Taxis	0	0	0	5	3	4
Aerial Work	1	0	0	2	0	1
State	0	0	0	0	0	1
Corporate	0	0	0	0	0	0
Private/Other ³	1	0	0	13	14	16
Helicopters Involved	1	0	0	9	4	6
Other Aircraft Involved	1	0	0	2	2	3
Fatalities	8	0	1	47	36	53
Serious Injuries	1	0	1	33	25	39
Canadian-Registered Ultralight Aircraft Accidents	0	2	1	30	36	37
Fatal Accidents	0	0	0	5	6	6
Fatalities	0	0	0	6	10	9
Serious Injuries	0	1	0	9	7	8
Foreign-Registered Aircraft Accidents in Canada	1	0	0	19	18	21
Fatal Accidents	0	0	0	6	2	4
Fatalities	0	0	0	10	9	8
Serious Injuries	0	0	0	14	0	2
All Aircraft: Reportable Incidents	55	75	69	750	832	770
Risk of Collision/Loss of Separation	13	17	13	170	205	177
Declared Emergency	14	23	26	201	256	244
Engine Failure	11	10	12	140	126	141
Smoke/Fire	5	7	5	91	87	90
Collision	1	1	1	10	21	15
Other	11	17	12	138	137	102

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 13, 2005.

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 2005
By Type of Operation

	November			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Canadian-Registered Aircraft Accidents¹	13	8	10	244	244	277
Aeroplanes Involved	8	4	7	195	198	223
Training	1	1	2	14	23	32
Pleasure/Travel	3	1	2	111	116	111
Business	0	0	0	6	4	7
Forest Fire Management	0	0	0	2	3	2
Test/Demonstration/Ferry	0	1	0	5	7	6
Aerial Application	0	0	0	6	3	9
Inspection	0	0	0	1	0	1
Air Transport	2	1	1	33	34	42
Air Ambulance	0	0	0	0	2	2
Other/Unknown	2	0	0	17	6	11
Helicopters Involved	4	4	3	46	41	46
Training	0	1	1	3	4	7
Pleasure/Travel	1	1	0	11	5	3
Business	0	0	0	1	0	2
Forest Fire Management	0	0	0	1	4	4
Test/Demonstration/Ferry	0	0	0	0	2	2
Aerial Application	0	0	0	2	1	1
Inspection	0	0	0	0	2	1
Air Transport	2	0	0	16	16	13
Air Ambulance	0	0	0	1	0	0
Other/Unknown	1	2	1	11	7	11
Fatal Accidents	4	0	1	32	23	31
Aeroplanes and Helicopters Involved	3	0	1	30	21	29
Training	0	0	0	0	3	3
Pleasure/Travel	1	0	0	17	11	12
Business	0	0	0	1	0	2
Forest Fire Management	0	0	0	0	0	1
Test/Demonstration/Ferry	0	0	0	1	0	2
Aerial Application	0	0	0	0	0	1
Inspection	0	0	0	0	1	1
Air Transport	0	0	0	8	5	5
Air Ambulance	0	0	0	0	0	0
Other/Unknown	2	0	0	3	1	4
Fatalities	8	0	1	47	36	53
Serious Injuries	1	0	1	33	25	39

¹ Ultralight aircraft excluded.

Figures are preliminary as of December 13, 2005.

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 2005
Selected Reportable Incident Types by First Event**

	November			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Risk of Collision/Loss of Separation	16	17	15	229	270	233
Air Proximity	5	5	4	70	86	62
Air Traffic Services Event	8	9	8	126	145	135
Altitude Related	1	0	0	11	4	6
Runway Incursion	0	3	2	6	14	15
Other	2	0	1	16	21	16
Declared Emergency	8	18	20	134	190	192
Landing Gear Failure	0	3	3	33	33	33
Hydraulic Failure	1	1	3	24	19	27
Electrical Failure	0	1	0	4	10	9
Other Component Failure	4	9	9	52	58	66
Other	3	4	5	21	70	58
Engine Failure	7	8	10	111	105	118
Power Loss	5	2	4	57	44	48
Component Failure	1	6	6	45	50	59
Other	1	0	1	9	11	11
Smoke/Fire	5	7	4	75	75	76
Fire/Explosion	4	4	2	61	52	54
Component Failure	1	3	2	14	21	20
Other	0	0	0	0	2	3
Difficulty in Controlling Aircraft	3	1	4	40	37	29
Component Failure	1	1	2	19	17	12
Weather Related	2	0	1	14	6	6
Other	0	0	0	7	14	10

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