

Transportation Safety Board of Canada

Table 1
Aviation Occurrence and Casualty Statistics - May 2005

	May			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Canadian-Registered Aircraft Accidents¹	19	18	27	73	80	92
Aeroplanes Involved ²	18	16	21	66	68	75
Airliners	1	0	1	4	2	2
Commuters	1	0	0	2	0	2
Air Taxis	3	5	5	13	20	14
Aerial Work	0	0	1	2	0	2
State	0	0	0	0	1	1
Corporate	1	0	0	2	2	2
Private/Other ³	12	11	13	43	42	51
Helicopters Involved	1	2	6	10	14	17
Other Aircraft Involved ⁴	0	1	1	0	2	2
Fatal Accidents	1	3	4	5	10	10
Aeroplanes Involved	1	3	2	3	7	7
Airliners	0	0	0	0	0	0
Commuters	0	0	0	0	0	0
Air Taxis	0	1	0	1	2	1
Aerial Work	0	0	0	0	0	1
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other ³	1	2	1	2	5	5
Helicopters Involved	0	0	1	2	2	3
Other Aircraft Involved	0	0	0	0	1	1
Fatalities	1	6	6	7	22	17
Serious Injuries	1	3	3	3	5	10
Canadian-Registered Ultralight Aircraft Accidents	3	3	4	10	7	10
Fatal Accidents	0	2	1	3	3	2
Fatalities	0	4	1	4	5	3
Serious Injuries	0	0	1	0	0	2
Foreign-Registered Aircraft Accidents in Canada	0	3	2	4	5	5
Fatal Accidents	0	0	0	0	0	1
Fatalities	0	0	0	0	0	1
Serious Injuries	0	0	0	3	0	1
All Aircraft: Reportable Incidents	59	89	76	338	389	356
Risk of Collision/Loss of Separation	8	20	19	68	81	75
Declared Emergency	13	34	25	89	136	120
Engine Failure	10	12	13	61	55	63
Smoke/Fire	14	7	8	49	38	43
Collision	0	2	1	3	15	8
Other	14	14	11	68	64	46

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 June 14, 2005.

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

Transportation Safety Board of Canada

Table 2
Canadian-Registered Fixed Wing and Rotary Wing Aircraft Involved in Accidents - May 2005
By Type of Operation

	May			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Canadian-Registered Aircraft Accidents¹	19	18	27	73	80	92
Aeroplanes Involved	18	16	21	66	68	75
Training	1	1	3	9	11	12
Pleasure/Travel	12	10	10	31	34	37
Business	0	0	1	3	2	2
Forest Fire Management	0	0	1	0	0	1
Test/Demonstration/Ferry	0	0	1	1	2	3
Aerial Application	0	0	0	0	0	0
Inspection	0	0	0	1	0	1
Air Transport	5	5	5	15	18	15
Air Ambulance	0	0	0	0	1	1
Other/Unknown	0	0	1	6	0	3
Helicopters Involved	1	2	6	10	14	17
Training	0	0	1	1	3	4
Pleasure/Travel	0	0	0	1	1	0
Business	0	0	0	0	0	1
Forest Fire Management	0	0	1	0	0	1
Test/Demonstration/Ferry	0	0	0	0	2	1
Aerial Application	0	0	0	0	0	0
Inspection	0	0	0	0	1	0
Air Transport	0	1	2	3	6	5
Air Ambulance	0	0	0	0	0	0
Other/Unknown	1	1	1	5	1	4
Fatal Accidents	1	3	4	5	10	10
Aeroplanes and Helicopters Involved	1	3	3	5	9	9
Training	0	1	1	0	2	2
Pleasure/Travel	1	1	1	3	3	3
Business	0	0	0	0	0	1
Forest Fire Management	0	0	0	0	0	0
Test/Demonstration/Ferry	0	0	0	0	0	1
Aerial Application	0	0	0	0	0	0
Inspection	0	0	0	0	1	1
Air Transport	0	1	0	2	3	1
Air Ambulance	0	0	0	0	0	0
Other/Unknown	0	0	1	0	0	1
Fatalities	1	6	6	7	22	17
Serious Injuries	1	3	3	3	5	10

¹ Ultralight aircraft excluded.

Figures are preliminary as of June 14, 2005.

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

Transportation Safety Board of Canada

Table 3
Canadian-Registered Aircraft Involved in Incidents - May 2005
Selected Reportable Incident Types by First Event

	May			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Risk of Collision/Loss of Separation	9	33	25	96	116	102
Air Proximity	3	12	7	29	31	25
Air Traffic Services Event	6	13	14	55	68	60
Altitude Related	0	0	1	6	2	3
Runway Incursion	0	2	2	2	6	8
Other	0	6	3	4	9	7
Declared Emergency	12	25	20	58	98	94
Landing Gear Failure	3	3	4	13	14	16
Hydraulic Failure	0	4	3	11	9	12
Electrical Failure	0	2	1	2	4	4
Other Component Failure	7	6	6	23	24	31
Other	2	10	6	9	47	32
Engine Failure	9	12	11	50	45	51
Power Loss	3	3	4	20	15	22
Component Failure	6	9	7	28	29	25
Other	0	0	0	2	1	4
Smoke/Fire	12	6	6	43	35	37
Fire/Explosion	10	5	4	34	26	27
Component Failure	2	1	2	9	9	10
Other	0	0	0	0	0	1
Difficulty in Controlling Aircraft	5	6	3	17	21	13
Component Failure	3	3	1	10	12	6
Weather Related	1	1	1	4	3	3
Other	1	2	1	3	6	4

Figures are preliminary as of June 14, 2005.

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