

Transportation Safety Board of Canada

Table 1
Aviation Occurrence and Casualty Statistics - March 2005

	March			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Canadian-Registered Aircraft Accidents¹	14	21	19	36	43	46
Aeroplanes Involved ²	11	16	15	31	34	39
Airliners	1	0	1	3	2	1
Commuters	1	0	1	1	0	2
Air Taxis	3	4	2	7	11	7
Aerial Work	0	0	0	0	0	1
State	0	0	0	0	1	1
Corporate	0	1	0	0	2	1
Private/Other ³	6	11	11	20	17	27
Helicopters Involved	4	6	4	8	11	8
Other Aircraft Involved ⁴	0	0	0	0	0	0
Fatal Accidents	1	1	2	3	5	5
Aeroplanes Involved	0	0	1	1	3	4
Airliners	0	0	0	0	0	0
Commuters	0	0	0	0	0	0
Air Taxis	0	0	0	0	1	1
Aerial Work	0	0	0	0	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other ³	0	0	1	1	2	3
Helicopters Involved	1	1	0	2	2	1
Other Aircraft Involved	0	0	0	0	0	0
Fatalities	1	1	2	4	14	9
Serious Injuries	1	0	2	2	0	5
Canadian-Registered Ultralight Aircraft Accidents	5	1	2	6	3	4
Fatal Accidents	2	0	0	2	0	1
Fatalities	3	0	0	3	0	1
Serious Injuries	0	0	0	0	0	0
Foreign-Registered Aircraft Accidents in Canada	0	1	1	2	1	3
Fatal Accidents	0	0	0	0	0	1
Fatalities	0	0	0	0	0	1
Serious Injuries	0	0	0	3	0	0
All Aircraft: Reportable Incidents	69	81	75	215	217	217
Risk of Collision/Loss of Separation	16	15	16	42	37	43
Declared Emergency	17	29	27	66	85	77
Engine Failure	13	12	13	41	26	39
Smoke/Fire	9	8	8	24	24	28
Collision	2	1	1	2	9	6
Other	12	16	9	40	36	25

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 April 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 - March 2005
By Type of Operation

	March			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Canadian-Registered Aircraft Accidents¹	14	21	19	36	43	46
Aeroplanes Involved	11	16	15	31	34	39
Training	1	5	3	6	8	8
Pleasure/Travel	4	6	7	13	11	18
Business	1	2	1	2	2	1
Forest Fire Management	0	0	0	0	0	0
Test/Demonstration/Ferry	1	0	0	1	2	2
Aerial Application	0	0	0	0	0	0
Inspection	0	0	0	0	0	0
Air Transport	3	3	3	7	10	8
Air Ambulance	0	0	0	0	1	1
Other/Unknown	1	0	0	2	0	1
Helicopters Involved	4	6	4	8	11	8
Training	1	1	1	1	3	2
Pleasure/Travel	1	1	0	1	1	0
Business	0	0	0	0	0	0
Forest Fire Management	0	0	0	0	0	0
Test/Demonstration/Ferry	0	1	0	0	1	0
Aerial Application	0	0	0	0	0	0
Inspection	0	1	0	0	1	0
Air Transport	1	2	1	2	5	2
Air Ambulance	0	0	0	0	0	0
Other/Unknown	1	0	1	4	0	3
Fatal Accidents	1	1	2	3	5	5
Aeroplanes and Helicopters Involved	1	1	2	3	5	4
Training	0	0	0	0	0	1
Pleasure/Travel	1	0	1	2	2	2
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	1	0	0	1	0
Air Transport	0	0	0	1	2	1
Air Ambulance	0	0	0	0	0	0
Other/Unknown	0	0	0	0	0	0
Fatalities	1	1	2	4	14	9
Serious Injuries	1	0	2	2	0	5

¹ Ultralight aircraft excluded.

Figures are preliminary as of April 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 - March 2005
Selected Reportable Incident Types by First Event

	March			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Risk of Collision/Loss of Separation	26	22	24	65	55	59
Air Proximity	7	3	6	13	8	15
Air Traffic Services Event	15	18	15	42	41	36
Altitude Related	1	1	1	5	1	1
Runway Incursion	1	0	1	2	4	5
Other	2	0	1	3	1	3
Declared Emergency	11	22	22	38	60	58
Landing Gear Failure	1	6	5	9	9	10
Hydraulic Failure	3	3	3	9	5	7
Electrical Failure	1	0	1	2	2	2
Other Component Failure	5	5	5	13	16	20
Other	1	8	7	5	28	18
Engine Failure	10	9	10	31	19	32
Power Loss	3	2	5	14	7	14
Component Failure	6	6	4	16	11	15
Other	1	1	1	1	1	3
Smoke/Fire	9	7	7	21	23	24
Fire/Explosion	6	4	5	14	15	18
Component Failure	3	3	2	7	8	6
Other	0	0	0	0	0	1
Difficulty in Controlling Aircraft	0	7	3	10	11	7
Component Failure	0	3	1	5	7	3
Weather Related	0	1	0	3	1	1
Other	0	3	1	2	3	3

Figures are preliminary as of April 13, 2005.

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