

Transportation Safety Board of Canada

Table 1
Aviation Occurrence and Casualty Statistics - June 2005

	June			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Canadian-Registered Aircraft Accidents¹	22	32	39	95	112	131
Aeroplanes Involved ²	16	26	32	82	94	106
Airliners	0	0	0	4	2	2
Commuters	0	0	0	2	0	3
Air Taxis	4	3	5	17	23	19
Aerial Work	2	1	3	4	1	5
State	0	0	0	0	1	2
Corporate	1	1	0	3	3	2
Private/Other ³	9	21	23	52	63	74
Helicopters Involved	6	6	6	16	20	23
Other Aircraft Involved ⁴	1	0	2	1	2	4
Fatal Accidents	2	6	5	7	16	15
Aeroplanes Involved	2	6	4	5	13	11
Airliners	0	0	0	0	0	0
Commuters	0	0	0	0	0	0
Air Taxis	0	1	1	1	3	2
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	2	5	3	4	10	8
Helicopters Involved	0	0	1	2	2	3
Other Aircraft Involved	0	0	0	0	1	1
Fatalities	2	7	8	9	29	25
Serious Injuries	5	2	6	8	7	16
Canadian-Registered Ultralight Aircraft Accidents	4	5	7	14	12	17
Fatal Accidents	0	0	1	3	3	3
Fatalities	0	0	2	4	5	5
Serious Injuries	2	2	1	2	2	3
Foreign-Registered Aircraft Accidents in Canada	3	4	4	7	9	9
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	73	76	71	411	465	427
Risk of Collision/Loss of Separation	17	21	19	85	102	95
Declared Emergency	22	18	21	111	154	141
Engine Failure	18	17	15	79	72	77
Smoke/Fire	4	11	8	53	49	52
Collision	2	1	1	5	16	9
Other	10	8	7	78	72	53

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 July 7, 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 - June 2005
By Type of Operation

	June			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Canadian-Registered Aircraft Accidents¹	22	32	39	95	112	131
Aeroplanes Involved	16	26	32	82	94	106
Training	0	3	5	9	14	17
Pleasure/Travel	8	17	15	39	51	52
Business	0	0	2	3	2	4
Forest Fire Management	1	0	1	1	0	1
Test/Demonstration/Ferry	2	2	1	3	4	3
Aerial Application	1	0	2	1	0	2
Inspection	0	0	0	1	0	1
Air Transport	3	2	5	18	20	20
Air Ambulance	0	0	0	0	1	1
Other/Unknown	1	2	2	7	2	4
Helicopters Involved	6	6	6	16	20	23
Training	1	0	1	2	3	5
Pleasure/Travel	2	0	0	3	1	1
Business	0	0	0	0	0	1
Forest Fire Management	0	2	1	0	2	2
Test/Demonstration/Ferry	0	0	0	0	2	1
Aerial Application	1	0	0	1	0	0
Inspection	0	0	0	0	1	0
Air Transport	0	2	2	3	8	7
Air Ambulance	0	0	0	0	0	0
Other/Unknown	2	2	1	7	3	6
Fatal Accidents	2	6	5	7	16	15
Aeroplanes and Helicopters Involved	2	6	5	7	15	14
Training	0	0	0	0	2	2
Pleasure/Travel	1	4	3	4	7	6
Business	0	0	0	0	0	1
Forest Fire Management	0	0	0	0	0	0
Test/Demonstration/Ferry	1	0	0	1	0	1
Aerial Application	0	0	0	0	0	0
Inspection	0	0	0	0	1	1
Air Transport	0	1	1	2	4	2
Air Ambulance	0	0	0	0	0	0
Other/Unknown	0	1	1	0	1	2
Fatalities	2	7	8	9	29	25
Serious Injuries	5	2	6	8	7	16

¹ Ultralight aircraft excluded.

Figures are preliminary as of July 7, 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 - June 2005
Selected Reportable Incident Types by First Event

	June			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Risk of Collision/Loss of Separation	24	33	26	120	149	128
Air Proximity	6	15	9	35	46	34
Air Traffic Services Event	15	10	13	70	78	72
Altitude Related	0	0	0	6	2	4
Runway Incursion	1	4	1	3	10	9
Other	2	4	2	6	13	9
Declared Emergency	17	15	17	75	113	111
Landing Gear Failure	3	4	4	16	18	19
Hydraulic Failure	4	2	2	15	11	14
Electrical Failure	0	0	1	2	4	5
Other Component Failure	7	2	4	30	26	34
Other	3	7	7	12	54	39
Engine Failure	15	13	13	65	58	64
Power Loss	8	6	5	28	21	27
Component Failure	6	6	7	34	35	32
Other	1	1	1	3	2	4
Smoke/Fire	3	10	7	46	45	45
Fire/Explosion	2	4	5	36	30	32
Component Failure	1	4	2	10	13	11
Other	0	2	1	0	2	2
Difficulty in Controlling Aircraft	6	2	2	23	23	15
Component Failure	2	2	1	12	14	6
Weather Related	2	0	0	6	3	3
Other	2	0	0	5	6	5

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