Transportation Safety Board of Canada

Table 1
Air Occurrence Statistics for February 2005
Aviation Occurrences and Casualties

	February			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Canadian-Registered Aircraft Accidents[1]	**13**	**13**	**13**	**22**	**22**	**27**
Aeroplanes Involved[2]	10	10	11	20	18	24
Airliners	0	1	0	2	2	1
Commuters	0	0	0	0	0	1
Air Taxis	2	1	2	4	7	5
Aerial Work	0	0	0	0	0	0
State	0	1	0	0	1	0
Corporate	0	1	0	0	1	0
Private/Other[3]	8	5	8	14	6	16
Helicopters Involved	3	4	2	4	5	4
Other Aircraft Involved[4]	0	0	0	0	0	0
Fatal Accidents	**1**	**2**	**1**	**2**	**4**	**3**
Aeroplanes Involved	1	1	1	1	3	2
Airliners	0	0	0	0	0	0
Commuters	0	0	0	0	0	0
Air Taxis	0	0	0	0	1	0
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]	1	1	1	1	2	2
Helicopters Involved	0	1	0	1	1	0
Other Aircraft Involved	0	0	0	0	0	0
Fatalities	**1**	**2**	**1**	**3**	**13**	**7**
Serious Injuries	**0**	**0**	**2**	**1**	**0**	**3**
Canadian-Registered Ultralight Aircraft Accidents	**0**	**1**	**1**	**1**	**2**	**2**
Fatal Accidents	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0
Serious Injuries	0	0	0	0	0	0
Foreign-Registered Aircraft Accidents in Canada	**1**	**0**	**1**	**2**	**0**	**2**
Fatal Accidents	0	0	0	0	0	0
Fatalities	0	0	0	0	0	0
Serious Injuries	3	0	0	3	0	0
All Aircraft: Reportable Incidents	**64**	**66**	**73**	**146**	**136**	**143**
Risk of Collision/Loss of Separation	9	12	14	26	22	27
Declared Emergency	21	33	25	49	56	50
Engine Failure	10	8	14	28	14	26
Smoke/Fire	9	6	10	15	16	20
Collision	0	2	2	0	8	5
Other	15	5	8	28	20	16

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 March 14, 2005.

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

Table 2

Canadian-Registered Fixed Wing and Rotary Wing Aircraft Involved in Accidents - February 2005

By Type of Operation

	February			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Canadian-Registered Aircraft Accidents[1]	**13**	**13**	**13**	**22**	**22**	**27**
Aeroplanes Involved	10	10	11	20	18	24
Training	3	3	2	5	3	4
Pleasure/Travel	4	4	6	9	5	11
Business	1	0	0	1	0	0
Forest Fire Management	0	0	0	0	0	0
Test/Demonstration/Ferry	0	1	1	0	2	1
Aerial Application	0	0	0	0	0	0
Inspection	0	0	0	0	0	0
Air Transport	2	2	2	4	7	5
Air Ambulance	0	0	0	0	1	0
Other/Unknown	0	0	0	1	0	0
Helicopters Involved	3	4	2	4	5	4
Training	0	1	0	0	2	1
Pleasure/Travel	0	0	0	0	0	0
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	0	0	0	0	0
Air Transport	0	3	1	1	3	1
Air Ambulance	0	0	0	0	0	0
Other/Unknown	3	0	1	3	0	1
Fatal Accidents	**1**	**2**	**1**	**2**	**4**	**3**
Aeroplanes and Helicopters Involved	1	2	1	2	4	3
Training	0	0	0	0	0	0
Pleasure/Travel	1	1	1	1	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	0	0	0	0	0
Air Transport	0	1	0	1	2	0
Air Ambulance	0	0	0	0	0	0
Other/Unknown	0	0	0	0	0	0
Fatalities	**1**	**2**	**1**	**3**	**13**	**7**
Serious Injuries	**0**	**0**	**2**	**1**	**0**	**3**

[1] Ultralight aircraft excluded.

Figures are preliminary as of March 14, 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 - February 2005

Selected Reportable Incident Types by First Event

	February			Year To Date		
	2005	2004	2000-2004 Average	2005	2004	2000-2004 Average
Risk of Collision/Loss of Separation	**15**	**20**	**20**	**39**	**33**	**36**
Air Proximity	4	0	4	6	5	8
Air Traffic Services Event	10	16	12	27	23	21
Altitude Related	0	0	0	4	0	1
Runway Incursion	0	3	2	1	4	4
Other	1	1	1	1	1	2
Declared Emergency	**10**	**25**	**19**	**27**	**38**	**37**
Landing Gear Failure	2	3	3	8	3	5
Hydraulic Failure	1	0	1	6	2	4
Electrical Failure	0	0	0	1	2	1
Other Component Failure	3	10	8	8	11	15
Other	4	12	6	4	20	11
Engine Failure	**8**	**5**	**10**	**21**	**10**	**21**
Power Loss	2	3	4	11	5	9
Component Failure	6	2	5	10	5	10
Other	0	0	1	0	0	2
Smoke/Fire	**6**	**6**	**8**	**12**	**16**	**17**
Fire/Explosion	3	5	6	8	11	13
Component Failure	3	1	2	4	5	4
Other	0	0	0	0	0	0
Difficulty in Controlling Aircraft	**3**	**2**	**2**	**10**	**4**	**4**
Component Failure	1	2	1	5	4	2
Weather Related	1	0	0	3	0	1
Other	1	0	1	2	0	1

Figures are preliminary as of March 14, 2005.

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