

Table 1  
Reportable Aircraft Occurrences

	July			January to July		
	2011	2010	2006-2010 Average	2011	2010	2006-2010 Average
<b>Number of reportable accidents</b>	<b>42</b>	<b>58</b>	<b>53</b>	<b>151</b>	<b>174</b>	<b>178</b>
Accidents in Canada involving Canadian-registered aircraft	40	53	49	140	161	164
Accidents outside Canada involving Canadian-registered aircraft	1	0	1	6	1	5
Accidents in Canada involving foreign-registered aircraft	1	5	3	5	12	9
<b>Number of accidents by operator type</b>	<b>42</b>	<b>58</b>	<b>53</b>	<b>151</b>	<b>174</b>	<b>178</b>
Commercial	13	13	16	46	47	58
Airliner (705)	0	1	0	4	4	3
Commuter (704)	0	0	0	4	2	3
Air taxi (703)	8	5	9	20	21	33
Aerial work (702)	5	7	7	18	19	17
Foreign/Other	a	0	0	0	1	1
State	1	2	1	2	5	3
Corporate	0	0	0	2	1	4
Private/Other	b	28	43	101	121	114
<b>Number of accidents by aircraft type</b>	<b>42</b>	<b>58</b>	<b>53</b>	<b>151</b>	<b>174</b>	<b>178</b>
Aeroplane	33	48	39	119	140	134
Helicopter	4	5	8	20	15	25
Ultralight	5	4	5	11	16	15
Other	c	0	1	1	3	4
<b>Number of aircraft involved in accidents*</b>	<b>42</b>	<b>59</b>	<b>54</b>	<b>152</b>	<b>175</b>	<b>181</b>
Aeroplanes	33	49	40	120	141	137
Helicopters	4	5	8	20	15	25
Ultralights	5	4	5	11	16	15
Others	c	0	1	1	3	4
<b>Number of fatal accidents by aircraft type</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>18</b>	<b>20</b>	<b>18</b>
Aeroplane	3	4	3	13	16	12
Helicopter	1	1	2	3	1	3
Ultralight	0	0	0	2	2	2
Other	c	0	0	0	1	0
<b>Reportable accident fatalities</b>	<b>7</b>	<b>11</b>	<b>8</b>	<b>28</b>	<b>40</b>	<b>32</b>
<b>Reportable accident serious injuries</b>	<b>7</b>	<b>7</b>	<b>10</b>	<b>23</b>	<b>19</b>	<b>28</b>
<b>Accidents in Canada involving foreign-registered aircraft</b>	<b>1</b>	<b>5</b>	<b>3</b>	<b>5</b>	<b>12</b>	<b>9</b>
Fatal accidents	0	1	0	1	2	1
Fatalities	0	1	0	1	2	1
Serious Injuries	1	0	1	1	0	1
<b>Number of reportable incidents</b>	<b>66</b>	<b>90</b>	<b>82</b>	<b>414</b>	<b>482</b>	<b>497</b>
Incidents in Canada involving Canadian-registered aircraft	52	61	61	319	349	357
Incidents outside Canada involving Canadian-registered aircraft	4	11	6	41	46	45
Incidents in Canada involving foreign-registered aircraft	13	27	20	68	111	116
<b>Number of reportable incidents by type</b>	<b>66</b>	<b>90</b>	<b>82</b>	<b>414</b>	<b>482</b>	<b>497</b>
Risk of collision/Loss of separation	8	24	17	71	131	102
Declared emergency	30	39	27	172	186	175
Engine failure	9	9	12	57	48	71
Smoke/Fire	9	6	11	52	46	62
Collision	1	0	1	5	3	7
Other	9	12	14	57	68	80

Data extracted August 15, 2011.

Reportable accidents and incidents are reported in accordance with the TSB's regulations for mandatory reporting of occurrences.

Breakdowns may not add up to totals. For example, in the total "Number of accidents by aircraft type", when an occurrence involves an airplane and a helicopter, the occurrence is counted in each category, but only once in the total.

\* Only "Number of aircraft involved in accidents" are aircraft counts, all other data are accident counts.

a. The commercial service type is not available for foreign-registered aircraft.

b. Other: contains, but is not limited to, organizations that rent aircraft (i.e., flying schools, flying clubs, etc.).

c. Includes balloons, gyroplanes, gliders, dirigibles, hang gliders and similar aircraft types.

Table 2  
Occurrences Involving Canadian-Registered Aircraft

		July			January to July		
		2011	2010	2006-2010 Average	2011	2010	2006-2010 Average
<b>Number of accidents by aircraft and operator type</b>	<b>a</b>	<b>36</b>	<b>49</b>	<b>45</b>	<b>135</b>	<b>146</b>	<b>154</b>
Aeroplane accidents		32	43	36	114	130	126
Commercial		11	8	10	29	34	37
Airliner (705)		0	1	0	3	4	3
Commuter (704)		0	0	0	3	2	3
Air taxi (703)		6	2	5	14	16	22
Aerial work (702)		5	5	5	9	12	10
Other		0	0	0	0	0	0
State		1	1	0	2	3	2
Corporate		0	0	0	1	1	3
Private/Other	b	20	34	26	82	92	84
Helicopter accidents		4	5	8	20	14	24
Commercial		2	5	6	16	12	18
State		0	0	0	0	0	0
Corporate		0	0	0	0	0	1
Private/Other	b	2	0	1	4	2	5
Other aircraft accidents	c	0	1	1	1	2	3
<b>Number of fatal accidents by aircraft and operator type</b>	<b>a</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>15</b>	<b>16</b>	<b>16</b>
Aeroplane accidents		3	3	3	12	15	12
Commercial		2	3	1	5	9	4
Airliner (705)		0	0	0	0	0	0
Commuter (704)		0	0	0	0	0	0
Air taxi (703)		2	2	1	4	6	3
Aerial work (702)		0	1	0	1	3	1
Other		0	0	0	0	0	0
State		0	0	0	0	0	0
Corporate		0	0	0	0	0	1
Private/Other		1	0	1	7	6	7
Helicopter accidents		1	1	2	3	1	3
Other aircraft accidents	c	0	0	0	0	0	0
<b>Accident fatalities</b>	<b>a</b>	<b>7</b>	<b>10</b>	<b>7</b>	<b>25</b>	<b>36</b>	<b>29</b>
<b>Accident serious injuries</b>	<b>a</b>	<b>4</b>	<b>7</b>	<b>8</b>	<b>19</b>	<b>17</b>	<b>23</b>
<b>Number of incidents by type</b>	<b>a</b>	<b>56</b>	<b>72</b>	<b>67</b>	<b>360</b>	<b>395</b>	<b>403</b>
Risk of collision/Loss of separation		8	20	14	64	113	90
Declared emergency		24	30	19	145	145	124
Engine failure		8	8	10	53	39	59
Smoke/Fire		6	5	10	41	42	54
Collision		1	0	1	5	2	5
Other		9	9	13	52	54	70
<b>Number of accidents involving ultralight aircraft</b>		<b>5</b>	<b>4</b>	<b>5</b>	<b>11</b>	<b>16</b>	<b>15</b>
Fatal accidents		0	0	0	2	2	2
Fatalities		0	0	1	2	2	2
Serious injuries		2	0	2	3	2	3

Data extracted August 15, 2011.

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Breakdowns may not add up to totals. For example, in the total "Number of accidents by aircraft type", when an occurrence involves an airplane and a helicopter, the occurrence is counted in each category, but only once in the total.

a. Accidents involving Canadian-registered aircraft, except ultralights.

b. Other: contains, but is not limited to, organizations that rent aircraft (i.e. flying schools, flying clubs, etc.).

c. Includes balloons, gyroplanes, gliders, dirigibles, hang gliders and similar aircraft types.

Table 3

## Accidents Involving Canadian-Registered Fixed Wing and Rotary Wing Aircraft By Type of Operation

	July			January to July		
	2011	2010	2006-2010 Average	2011	2010	2006-2010 Average
<b>Number of accidents by operation type</b>	<b>36</b>	<b>48</b>	<b>44</b>	<b>134</b>	<b>144</b>	<b>150</b>
Aeroplane accidents	32	43	36	114	130	126
Training	6	7	5	21	18	22
Pleasure/Travel	10	23	18	56	64	58
Business	0	2	1	4	5	4
Forest fire management	0	1	1	0	2	2
Test/Demonstration/Ferry	2	1	1	2	4	3
Aerial application	2	6	4	3	9	6
Inspection	0	0	0	0	1	0
Air transport	6	3	5	19	21	25
Air ambulance	0	0	0	1	0	2
Sightseeing	2	0	0	2	1	1
Other/Unknown	4	0	1	6	5	5
Helicopter accidents	4	5	8	20	14	24
Training	0	0	0	0	0	2
Pleasure/Travel	2	0	1	4	2	2
Business	0	0	0	0	0	0
Forest fire management	0	1	1	2	1	1
Test/Demonstration/Ferry	0	1	0	0	1	1
Aerial application	0	1	0	1	2	1
Inspection	1	0	0	2	1	0
Air transport	1	2	4	8	4	11
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	0	1	3	3	4
<b>Number of fatal accidents by operation type</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>15</b>	<b>16</b>	<b>15</b>
Training	1	0	0	1	0	1
Pleasure/Travel	0	0	1	6	5	6
Business	0	0	0	0	1	1
Forest fire management	0	1	1	1	2	1
Test/Demonstration/Ferry	0	1	0	0	1	1
Aerial application	0	0	0	0	0	0
Inspection	1	0	0	1	0	0
Air transport	1	2	2	4	5	4
Air ambulance	0	0	0	0	0	0
Sightseeing	1	0	0	1	0	0
Other/Unknown	0	0	0	1	2	1
<b>Fatalities</b>	<b>7</b>	<b>10</b>	<b>7</b>	<b>25</b>	<b>36</b>	<b>29</b>
<b>Serious injuries</b>	<b>4</b>	<b>7</b>	<b>8</b>	<b>19</b>	<b>17</b>	<b>22</b>

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Canadian-registered aircraft, excluding ultralights, balloons, gyroplanes, gliders, dirigibles, hang gliders and similar aircraft types.