

Table 1  
Reportable Aircraft Occurrences

	August			January to August		
	2013	2012	2008-2012 Average	2013	2012	2008-2012 Average
<b>Number of reportable accidents</b>	<b>42</b>	<b>39</b>	<b>40</b>	<b>205</b>	<b>201</b>	<b>205</b>
Accidents in Canada involving Canadian-registered aircraft	41	31	37	194	184	189
Accidents outside Canada involving Canadian-registered aircraft	0	2	1	2	4	5
Accidents in Canada involving foreign-registered aircraft	1	6	3	9	13	12
<b>Number of accidents by operator type</b>	<b>42</b>	<b>39</b>	<b>40</b>	<b>205</b>	<b>201</b>	<b>205</b>
Commercial	12	8	9	53	47	58
Airliner (705)	1	0	1	4	2	4
Commuter (704)	0	0	1	2	2	4
Air taxi (703)	3	4	5	26	25	31
Aerial work (702)	8	4	3	19	17	19
Foreign/Other (a)	0	0	0	2	1	1
State	1	1	1	4	4	4
Corporate	1	0	0	5	3	3
Private/Other (b)	28	30	30	143	147	141
<b>Number of accidents by aircraft type</b>	<b>42</b>	<b>39</b>	<b>40</b>	<b>205</b>	<b>201</b>	<b>205</b>
Aeroplane	33	27	28	153	140	152
Helicopter	4	6	6	24	26	27
Ultralight	2	4	5	18	27	20
Other (c)	3	2	2	11	8	6
<b>Number of aircraft involved in accidents*</b>	<b>42</b>	<b>40</b>	<b>41</b>	<b>207</b>	<b>203</b>	<b>208</b>
Aeroplanes	33	27	28	154	141	155
Helicopters	4	7	7	24	27	27
Ultralights	2	4	5	18	27	20
Others (c)	3	2	2	11	8	6
<b>Number of fatal accidents by aircraft type</b>	<b>7</b>	<b>6</b>	<b>7</b>	<b>26</b>	<b>30</b>	<b>26</b>
Aeroplane	5	4	4	16	17	16
Helicopter	0	0	2	5	4	5
Ultralight	0	2	1	2	7	4
Other (c)	2	0	0	4	2	1
<b>Reportable accident fatalities</b>	<b>8</b>	<b>11</b>	<b>15</b>	<b>44</b>	<b>48</b>	<b>49</b>
<b>Reportable accident serious injuries</b>	<b>3</b>	<b>10</b>	<b>6</b>	<b>16</b>	<b>30</b>	<b>29</b>
<b>Accidents in Canada involving foreign-registered aircraft</b>	<b>1</b>	<b>6</b>	<b>3</b>	<b>9</b>	<b>13</b>	<b>12</b>
Fatal accidents	1	0	0	1	1	1
Fatalities	1	0	0	1	1	1
Serious Injuries	0	3	2	0	4	3
<b>Number of reportable incidents</b>	<b>60</b>	<b>64</b>	<b>66</b>	<b>458</b>	<b>416</b>	<b>518</b>
Incidents in Canada involving Canadian-registered aircraft	48	48	51	366	309	385
Incidents outside Canada involving Canadian-registered aircraft	4	1	3	26	30	46
Incidents in Canada involving foreign-registered aircraft	11	20	15	78	91	107
<b>Number of reportable incidents by type</b>	<b>60</b>	<b>64</b>	<b>66</b>	<b>458</b>	<b>416</b>	<b>518</b>
Risk of collision/Loss of separation	10	15	16	78	71	105
Declared emergency	26	24	22	185	178	199
Engine failure	7	7	8	61	48	67
Smoke/Fire	2	4	6	43	44	58
Collision	0	0	1	8	2	5
Other	15	14	12	83	73	83

Data extracted September 16, 2013.

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**

	August			January to August		
	2013	2012	2008-2012 Average	2013	2012	2008-2012 Average
<b>Number of accidents by aircraft and operator type (a)</b>	<b>39</b>	<b>29</b>	<b>33</b>	<b>179</b>	<b>161</b>	<b>174</b>
Aeroplane accidents	33	21	25	146	129	143
Commercial	9	3	4	30	28	37
Airliner (705)	1	0	1	4	2	3
Commuter (704)	0	0	0	2	2	3
Air taxi (703)	2	1	2	13	14	20
Aerial work (702)	6	2	1	11	10	11
Other	0	0	0	0	0	0
State	0	1	0	1	2	2
Corporate	1	0	0	3	2	2
Private/Other (b)	23	17	20	112	97	102
Helicopter accidents	4	6	6	24	26	26
Commercial	3	4	4	20	18	19
State	0	0	0	1	2	0
Corporate	0	0	0	0	1	0
Private/Other (b)	1	2	2	3	5	6
Other aircraft accidents (c)	2	2	2	10	6	5
<b>Number of fatal accidents by aircraft and operator type (a)</b>	<b>6</b>	<b>4</b>	<b>6</b>	<b>23</b>	<b>22</b>	<b>21</b>
Aeroplane accidents	5	4	4	16	17	15
Commercial	2	1	1	4	3	4
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	1	0	0	3	2	3
Aerial work (702)	1	1	0	1	1	1
Other	0	0	0	0	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	1	0	0
Private/Other	3	3	3	11	14	10
Helicopter accidents	0	0	2	5	4	5
Other aircraft accidents (c)	1	0	0	3	1	1
<b>Accident fatalities (a)</b>	<b>7</b>	<b>9</b>	<b>13</b>	<b>41</b>	<b>40</b>	<b>43</b>
<b>Accident serious injuries (a)</b>	<b>3</b>	<b>6</b>	<b>3</b>	<b>13</b>	<b>20</b>	<b>22</b>
<b>Number of incidents by type (a)</b>	<b>52</b>	<b>49</b>	<b>54</b>	<b>392</b>	<b>339</b>	<b>431</b>
Risk of collision/Loss of separation	10	12	14	73	64	92
Declared emergency	21	16	17	146	132	154
Engine failure	6	7	7	54	42	58
Smoke/Fire	2	3	5	37	36	50
Collision	0	0	1	7	2	4
Other	13	11	10	75	63	73
<b>Number of accidents involving ultralight aircraft</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>17</b>	<b>27</b>	<b>20</b>
Fatal accidents	0	2	1	2	7	4
Fatalities	0	2	2	2	7	5
Serious injuries	0	1	1	3	6	4

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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**

	August			January to August		
	2013	2012	2008-2012 Average	2013	2012	2008-2012 Average
<b>Number of accidents by operation type</b>	<b>37</b>	<b>27</b>	<b>31</b>	<b>170</b>	<b>155</b>	<b>169</b>
Aeroplane accidents	33	21	25	146	129	143
Training	3	1	2	21	16	23
Pleasure/Travel	19	15	16	89	78	74
Business	0	0	1	1	2	4
Forest fire management	1	1	0	3	2	2
Test/Demonstration/Ferry	0	0	0	1	2	2
Aerial application	5	1	1	6	3	5
Inspection	0	0	0	0	1	0
Air transport	3	0	3	16	14	23
Air ambulance	0	0	0	0	1	2
Sightseeing	0	2	0	1	6	2
Other/Unknown	2	1	2	8	5	6
Helicopter accidents	4	6	6	24	26	26
Training	0	0	0	1	1	2
Pleasure/Travel	1	2	1	1	5	4
Business	0	0	0	1	1	0
Forest fire management	2	0	0	3	1	1
Test/Demonstration/Ferry	0	0	0	1	0	0
Aerial application	0	0	0	0	3	1
Inspection	0	0	0	2	1	1
Air transport	1	3	3	8	6	11
Air ambulance	0	0	0	1	1	0
Sightseeing	0	0	0	0	1	0
Other/Unknown	0	1	1	6	6	4
<b>Number of fatal accidents by operation type</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>21</b>	<b>21</b>	<b>20</b>
Training	2	0	0	2	1	1
Pleasure/Travel	1	3	3	9	12	10
Business	0	0	0	1	1	1
Forest fire management	0	0	0	0	0	1
Test/Demonstration/Ferry	0	0	0	0	0	0
Aerial application	1	0	0	1	0	0
Inspection	0	0	0	1	0	0
Air transport	1	0	2	5	3	5
Air ambulance	0	0	0	1	0	0
Sightseeing	0	0	0	0	1	0
Other/Unknown	0	1	0	1	4	2
<b>Fatalities</b>	<b>6</b>	<b>9</b>	<b>13</b>	<b>39</b>	<b>39</b>	<b>43</b>
<b>Serious injuries</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>13</b>	<b>17</b>	<b>21</b>

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