

Table 1  
Reportable Aircraft Occurrences

	August			January to August		
	2012	2011	2007-2011 Average	2012	2011	2007-2011 Average
<b>Number of reportable accidents</b>	<b>37</b>	<b>33</b>	<b>41</b>	<b>198</b>	<b>185</b>	<b>212</b>
Accidents in Canada involving Canadian-registered aircraft	30	30	39	182	170	196
Accidents outside Canada involving Canadian-registered aircraft	1	0	0	3	7	5
Accidents in Canada involving foreign-registered aircraft	6	3	2	13	8	11
<b>Number of accidents by operator type</b>	<b>37</b>	<b>33</b>	<b>41</b>	<b>198</b>	<b>185</b>	<b>212</b>
Commercial	7	8	10	46	55	65
Airliner (705)	0	2	1	2	6	4
Commuter (704)	0	0	1	2	4	4
Air taxi (703)	3	3	5	24	23	35
Aerial work (702)	4	3	4	17	22	21
Foreign/Other (a)	0	0	0	1	0	1
State	1	0	1	4	2	3
Corporate	0	1	0	3	3	4
Private/Other (b)	29	24	30	145	125	140
<b>Number of accidents by aircraft type</b>	<b>37</b>	<b>33</b>	<b>41</b>	<b>198</b>	<b>185</b>	<b>212</b>
Aeroplane	27	22	28	139	142	160
Helicopter	5	8	7	25	28	29
Ultralight	3	2	4	26	13	18
Other (c)	2	1	2	8	2	5
<b>Number of aircraft involved in accidents*</b>	<b>38</b>	<b>33</b>	<b>42</b>	<b>200</b>	<b>186</b>	<b>215</b>
Aeroplanes	27	22	29	140	143	163
Helicopters	6	8	7	26	28	29
Ultralights	3	2	4	26	13	18
Others (c)	2	1	2	8	2	5
<b>Number of fatal accidents by aircraft type</b>	<b>6</b>	<b>5</b>	<b>7</b>	<b>30</b>	<b>23</b>	<b>26</b>
Aeroplane	4	4	4	17	17	16
Helicopter	0	1	2	4	4	5
Ultralight	2	0	1	7	2	3
Other (c)	0	0	1	2	0	1
<b>Reportable accident fatalities</b>	<b>11</b>	<b>20</b>	<b>15</b>	<b>49</b>	<b>48</b>	<b>47</b>
<b>Reportable accident serious injuries</b>	<b>10</b>	<b>3</b>	<b>7</b>	<b>30</b>	<b>27</b>	<b>33</b>
<b>Accidents in Canada involving foreign-registered aircraft</b>	<b>6</b>	<b>3</b>	<b>2</b>	<b>13</b>	<b>8</b>	<b>11</b>
Fatal accidents	0	1	0	1	2	1
Fatalities	0	1	0	1	2	1
Serious Injuries	3	0	1	4	1	2
<b>Number of reportable incidents</b>	<b>63</b>	<b>56</b>	<b>69</b>	<b>413</b>	<b>477</b>	<b>554</b>
Incidents in Canada involving Canadian-registered aircraft	47	41	53	307	366	406
Incidents outside Canada involving Canadian-registered aircraft	1	4	5	29	45	49
Incidents in Canada involving foreign-registered aircraft	19	13	15	90	82	122
<b>Number of reportable incidents by type</b>	<b>63</b>	<b>56</b>	<b>69</b>	<b>413</b>	<b>477</b>	<b>554</b>
Risk of collision/Loss of separation	14	13	18	70	86	115
Declared emergency	24	18	22	178	191	203
Engine failure	7	9	10	48	66	76
Smoke/Fire	4	5	6	44	58	66
Collision	0	2	1	2	7	6
Other	14	9	11	71	69	88

Data extracted September 17, 2012.

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		
	2012	2011	2007-2011 Average	2012	2011	2007-2011 Average
<b>Number of accidents by aircraft and operator type (a)</b>	<b>28</b>	<b>28</b>	<b>35</b>	<b>159</b>	<b>164</b>	<b>184</b>
Aeroplane accidents	21	20	27	128	135	151
Commercial	3	4	5	28	34	42
Airliner (705)	0	2	1	2	5	4
Commuter (704)	0	0	0	2	3	4
Air taxi (703)	1	1	2	14	15	24
Aerial work (702)	2	1	1	10	11	11
Other	0	0	0	0	0	0
State	1	0	0	2	2	2
Corporate	0	0	0	2	1	3
Private/Other (b)	17	16	22	96	98	105
Helicopter accidents	5	7	6	25	27	28
Commercial	3	4	5	17	20	21
State	0	0	0	2	0	0
Corporate	0	0	0	1	0	1
Private/Other (b)	2	3	1	5	7	6
Other aircraft accidents (c)	2	1	2	6	2	5
<b>Number of fatal accidents by aircraft and operator type (a)</b>	<b>4</b>	<b>4</b>	<b>6</b>	<b>22</b>	<b>19</b>	<b>21</b>
Aeroplane accidents	4	3	3	17	15	15
Commercial	1	1	1	3	6	5
Airliner (705)	0	1	0	0	1	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	0	0	0	2	4	4
Aerial work (702)	1	0	0	1	1	1
Other	0	0	0	0	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	1
Private/Other	3	2	3	14	9	10
Helicopter accidents	0	1	2	4	4	5
Other aircraft accidents (c)	0	0	1	1	0	1
<b>Accident fatalities (a)</b>	<b>9</b>	<b>19</b>	<b>13</b>	<b>40</b>	<b>44</b>	<b>42</b>
<b>Accident serious injuries (a)</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>20</b>	<b>23</b>	<b>27</b>
<b>Number of incidents by type (a)</b>	<b>48</b>	<b>45</b>	<b>57</b>	<b>336</b>	<b>411</b>	<b>455</b>
Risk of collision/Loss of separation	11	11	16	63	77	100
Declared emergency	16	15	17	132	160	150
Engine failure	7	5	8	42	58	65
Smoke/Fire	3	4	5	36	46	57
Collision	0	2	1	2	7	5
Other	11	8	9	61	63	77
<b>Number of accidents involving ultralight aircraft</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>26</b>	<b>13</b>	<b>18</b>
Fatal accidents	2	0	1	7	2	3
Fatalities	2	0	1	8	2	4
Serious injuries	1	0	1	6	3	4

Data extracted September 17, 2012.

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.

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		
	2012	2011	2007-2011 Average	2012	2011	2007-2011 Average
<b>Number of accidents by operation type</b>	<b>26</b>	<b>27</b>	<b>33</b>	<b>153</b>	<b>162</b>	<b>179</b>
Aeroplane accidents	21	20	27	128	135	151
Training	1	0	2	16	21	25
Pleasure/Travel	15	15	17	77	71	74
Business	0	1	1	2	5	5
Forest fire management	1	0	0	2	1	1
Test/Demonstration/Ferry	0	0	0	2	2	3
Aerial application	1	0	2	3	3	6
Inspection	0	0	0	1	0	0
Air transport	0	3	3	14	22	28
Air ambulance	0	0	0	1	1	2
Sightseeing	2	0	0	6	2	1
Other/Unknown	1	1	2	5	7	7
Helicopter accidents	5	7	6	25	27	28
Training	0	0	0	1	0	2
Pleasure/Travel	2	3	1	5	7	4
Business	0	0	0	1	0	1
Forest fire management	0	0	0	1	2	1
Test/Demonstration/Ferry	0	0	0	0	0	1
Aerial application	0	0	0	3	1	1
Inspection	0	0	0	1	2	1
Air transport	2	3	3	5	11	13
Air ambulance	0	0	0	1	0	0
Sightseeing	0	0	0	1	0	0
Other/Unknown	1	1	1	6	4	4
<b>Number of fatal accidents by operation type</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>21</b>	<b>19</b>	<b>20</b>
Training	0	0	0	1	1	1
Pleasure/Travel	3	3	2	12	9	8
Business	0	0	0	1	0	1
Forest fire management	0	0	0	0	1	1
Test/Demonstration/Ferry	0	0	0	0	0	1
Aerial application	0	0	0	0	0	0
Inspection	0	0	0	0	1	0
Air transport	0	1	2	3	5	5
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	1	1	0
Other/Unknown	1	0	0	4	1	1
<b>Fatalities</b>	<b>9</b>	<b>19</b>	<b>13</b>	<b>39</b>	<b>44</b>	<b>41</b>
<b>Serious injuries</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>17</b>	<b>23</b>	<b>24</b>

Data extracted September 17, 2012.

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 operation type", when an occurrence involves an airplane and a helicopter, the occurrence is counted in each category, but only once in the total.

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