

Table 1  
Reportable Aircraft Occurrences

	July			January to July		
	2012	2011	2007-2011 Average	2012	2011	2007-2011 Average
<b>Number of reportable accidents</b>	<b>45</b>	<b>42</b>	<b>48</b>	<b>160</b>	<b>152</b>	<b>171</b>
Accidents in Canada involving Canadian-registered aircraft	42	40	45	151	140	158
Accidents outside Canada involving Canadian-registered aircraft	1	1	1	2	7	5
Accidents in Canada involving foreign-registered aircraft	2	1	2	7	5	9
<b>Number of accidents by operator type</b>	<b>45</b>	<b>42</b>	<b>48</b>	<b>160</b>	<b>152</b>	<b>171</b>
Commercial	12	13	15	39	47	55
Airliner (705)	0	0	0	2	4	3
Commuter (704)	0	0	0	2	4	4
Air taxi (703)	3	8	8	21	20	30
Aerial work (702)	9	5	6	13	19	17
Foreign/Other (a)	0	0	0	1	0	1
State	0	1	1	3	2	2
Corporate	0	0	0	3	2	4
Private/Other (b)	33	28	32	115	101	110
<b>Number of accidents by aircraft type</b>	<b>45</b>	<b>42</b>	<b>48</b>	<b>160</b>	<b>152</b>	<b>171</b>
Aeroplane	29	33	36	111	120	132
Helicopter	6	4	6	20	20	22
Ultralight	8	5	5	23	11	14
Other (c)	2	0	1	6	1	3
<b>Number of aircraft involved in accidents*</b>	<b>45</b>	<b>42</b>	<b>49</b>	<b>161</b>	<b>153</b>	<b>173</b>
Aeroplanes	29	33	37	112	121	134
Helicopters	6	4	6	20	20	22
Ultralights	8	5	5	23	11	14
Others (c)	2	0	1	6	1	3
<b>Number of fatal accidents by aircraft type</b>	<b>8</b>	<b>4</b>	<b>5</b>	<b>24</b>	<b>18</b>	<b>18</b>
Aeroplane	4	3	3	13	13	13
Helicopter	1	1	1	4	3	3
Ultralight	3	0	0	5	2	2
Other (c)	0	0	0	2	0	0
<b>Reportable accident fatalities</b>	<b>10</b>	<b>7</b>	<b>8</b>	<b>38</b>	<b>28</b>	<b>32</b>
<b>Reportable accident serious injuries</b>	<b>7</b>	<b>7</b>	<b>9</b>	<b>20</b>	<b>24</b>	<b>26</b>
<b>Accidents in Canada involving foreign-registered aircraft</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>5</b>	<b>9</b>
Fatal accidents	0	0	0	1	1	1
Fatalities	0	0	0	1	1	1
Serious Injuries	1	1	1	1	1	1
<b>Number of reportable incidents</b>	<b>55</b>	<b>73</b>	<b>81</b>	<b>348</b>	<b>421</b>	<b>485</b>
Incidents in Canada involving Canadian-registered aircraft	41	57	61	258	325	353
Incidents outside Canada involving Canadian-registered aircraft	7	5	6	28	41	44
Incidents in Canada involving foreign-registered aircraft	8	14	19	71	69	107
<b>Number of reportable incidents by type</b>	<b>55</b>	<b>73</b>	<b>81</b>	<b>348</b>	<b>421</b>	<b>485</b>
Risk of collision/Loss of separation	9	10	17	56	73	96
Declared emergency	20	31	29	153	173	181
Engine failure	9	9	10	41	57	66
Smoke/Fire	7	10	10	39	53	60
Collision	0	1	1	2	5	5
Other	10	12	14	57	60	77

Data extracted August 15, 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

	July			January to July		
	2012	2011	2007-2011 Average	2012	2011	2007-2011 Average
<b>Number of accidents by aircraft and operator type (a)</b>	<b>35</b>	<b>36</b>	<b>41</b>	<b>130</b>	<b>136</b>	<b>149</b>
Aeroplane accidents	28	32	34	106	115	124
Commercial	8	11	10	25	30	37
Airliner (705)	0	0	0	2	3	3
Commuter (704)	0	0	0	2	3	3
Air taxi (703)	2	6	5	13	14	21
Aerial work (702)	6	5	5	8	10	9
Other	0	0	0	0	0	0
State	0	1	0	1	2	2
Corporate	0	0	0	2	1	3
Private/Other (b)	20	20	24	78	82	83
Helicopter accidents	6	4	6	20	20	22
Commercial	4	2	5	14	16	16
State	0	0	0	2	0	0
Corporate	0	0	0	1	0	1
Private/Other (b)	2	2	1	3	4	5
Other aircraft accidents (c)	1	0	1	4	1	3
<b>Number of fatal accidents by aircraft and operator type (a)</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>18</b>	<b>15</b>	<b>15</b>
Aeroplane accidents	4	3	3	13	12	12
Commercial	0	2	2	2	5	4
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	0	2	1	2	4	3
Aerial work (702)	0	0	0	0	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	4	1	1	11	7	7
Helicopter accidents	1	1	1	4	3	3
Other aircraft accidents (c)	0	0	0	1	0	0
<b>Accident fatalities (a)</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>31</b>	<b>25</b>	<b>29</b>
<b>Accident serious injuries (a)</b>	<b>4</b>	<b>4</b>	<b>7</b>	<b>14</b>	<b>20</b>	<b>22</b>
<b>Number of incidents by type (a)</b>	<b>48</b>	<b>62</b>	<b>67</b>	<b>286</b>	<b>366</b>	<b>397</b>
Risk of collision/Loss of separation	8	10	14	52	66	84
Declared emergency	18	24	22	115	145	133
Engine failure	6	8	9	35	53	56
Smoke/Fire	7	7	9	32	42	51
Collision	0	1	1	2	5	4
Other	9	12	13	50	55	68
<b>Number of accidents involving ultralight aircraft</b>	<b>8</b>	<b>5</b>	<b>5</b>	<b>23</b>	<b>11</b>	<b>14</b>
Fatal accidents	3	0	0	5	2	2
Fatalities	4	0	1	6	2	3
Serious injuries	2	2	1	5	3	3

Data extracted August 15, 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

	July			January to July		
	2012	2011	2007-2011 Average	2012	2011	2007-2011 Average
<b>Number of accidents by operation type</b>	<b>34</b>	<b>36</b>	<b>40</b>	<b>126</b>	<b>135</b>	<b>146</b>
Aeroplane accidents	28	32	34	106	115	124
Training	5	6	5	15	21	22
Pleasure/Travel	16	10	16	61	56	57
Business	0	0	1	2	4	4
Forest fire management	1	0	0	1	1	1
Test/Demonstration/Ferry	1	2	1	2	2	3
Aerial application	2	2	4	2	3	5
Inspection	0	0	0	1	0	0
Air transport	2	6	5	14	19	24
Air ambulance	0	0	0	1	1	2
Sightseeing	1	2	0	4	2	1
Other/Unknown	0	4	2	4	6	5
Helicopter accidents	6	4	6	20	20	22
Training	0	0	0	1	0	2
Pleasure/Travel	2	2	1	3	4	3
Business	0	0	0	1	0	0
Forest fire management	1	0	0	1	2	1
Test/Demonstration/Ferry	0	0	0	0	0	1
Aerial application	2	0	0	3	1	1
Inspection	0	1	0	1	2	1
Air transport	1	1	3	3	8	9
Air ambulance	0	0	0	1	0	0
Sightseeing	0	0	0	1	0	0
Other/Unknown	0	0	1	5	3	4
<b>Number of fatal accidents by operation type</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>17</b>	<b>15</b>	<b>15</b>
Training	0	1	0	1	1	1
Pleasure/Travel	4	0	1	9	6	6
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	1	0	0	1	0
Air transport	1	1	2	3	4	4
Air ambulance	0	0	0	0	0	0
Sightseeing	0	1	0	1	1	0
Other/Unknown	0	0	0	3	1	1
<b>Fatalities</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>30</b>	<b>25</b>	<b>29</b>
<b>Serious injuries</b>	<b>3</b>	<b>4</b>	<b>7</b>	<b>13</b>	<b>20</b>	<b>22</b>

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