

Table 1  
Reportable Aircraft Occurrences

	October			January to October		
	2011	2010	2006-2010 Average	2011	2010	2006-2010 Average
<b>Number of reportable accidents</b>	<b>25</b>	<b>17</b>	<b>23</b>	<b>236</b>	<b>256</b>	<b>275</b>
Accidents in Canada involving Canadian-registered aircraft	25	17	22	220	241	255
Accidents outside Canada involving Canadian-registered aircraft	0	0	1	7	1	7
Accidents in Canada involving foreign-registered aircraft	0	0	0	9	14	13
<b>Number of accidents by operator type</b>	<b>25</b>	<b>17</b>	<b>23</b>	<b>236</b>	<b>256</b>	<b>275</b>
Commercial	7	2	6	71	70	82
Airliner (705)	0	0	0	6	5	4
Commuter (704)	2	1	0	6	6	4
Air taxi (703)	5	0	4	34	35	48
Aerial work (702)	0	1	1	24	23	25
Foreign/Other (a)	0	0	0	1	1	2
State	0	0	0	2	5	4
Corporate	2	0	0	6	2	5
Private/Other (b)	17	15	17	158	179	185
<b>Number of accidents by aircraft type</b>	<b>25</b>	<b>17</b>	<b>23</b>	<b>236</b>	<b>256</b>	<b>275</b>
Aeroplane	21	12	16	183	201	203
Helicopter	2	1	4	33	23	38
Ultralight	2	3	3	17	26	28
Other (c)	0	1	0	3	6	7
<b>Number of aircraft involved in accidents*</b>	<b>26</b>	<b>17</b>	<b>23</b>	<b>239</b>	<b>258</b>	<b>279</b>
Aeroplanes	22	12	16	185	203	207
Helicopters	2	1	4	33	23	38
Ultralights	2	3	3	17	26	28
Others (c)	0	1	0	4	6	7
<b>Number of fatal accidents by aircraft type</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>31</b>	<b>30</b>	<b>32</b>
Aeroplane	2	1	2	21	23	20
Helicopter	1	0	0	6	3	7
Ultralight	0	0	0	3	2	4
Other (c)	0	0	0	1	2	1
<b>Reportable accident fatalities</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>59</b>	<b>61</b>	<b>56</b>
<b>Reportable accident serious injuries</b>	<b>7</b>	<b>5</b>	<b>4</b>	<b>40</b>	<b>33</b>	<b>44</b>
<b>Accidents in Canada involving foreign-registered aircraft</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>14</b>	<b>13</b>
Fatal accidents	0	0	0	2	2	1
Fatalities	0	0	0	2	2	1
Serious Injuries	0	0	0	1	1	2
<b>Number of reportable incidents</b>	<b>44</b>	<b>78</b>	<b>65</b>	<b>566</b>	<b>686</b>	<b>699</b>
Incidents in Canada involving Canadian-registered aircraft	36	49	45	433	495	507
Incidents outside Canada involving Canadian-registered aircraft	2	8	7	52	61	63
Incidents in Canada involving foreign-registered aircraft	7	26	15	101	168	162
<b>Number of reportable incidents by type</b>	<b>44</b>	<b>78</b>	<b>65</b>	<b>566</b>	<b>686</b>	<b>699</b>
Risk of collision/Loss of separation	7	23	16	102	191	153
Declared emergency	20	26	23	227	249	242
Engine failure	5	7	6	78	73	99
Smoke/Fire	10	8	7	77	64	84
Collision	0	1	1	7	4	10
Other	2	13	11	75	105	113

Data extracted November 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

	October			January to October		
	2011	2010	2006-2010 Average	2011	2010	2006-2010 Average
<b>Number of accidents by aircraft and operator type (a)</b>	<b>23</b>	<b>14</b>	<b>20</b>	<b>210</b>	<b>216</b>	<b>235</b>
Aeroplane accidents	21	12	15	175	190	192
Commercial	5	1	3	46	49	51
Airliner (705)	0	0	0	5	5	4
Commuter (704)	1	1	0	4	5	3
Air taxi (703)	4	0	3	24	24	31
Aerial work (702)	0	0	0	13	15	12
Other	0	0	0	0	0	0
State	0	0	0	2	3	3
Corporate	2	0	0	3	2	4
Private/Other (b)	15	11	12	125	136	135
Helicopter accidents	2	1	4	32	21	37
Commercial	2	1	2	23	19	28
State	0	0	0	0	0	0
Corporate	0	0	0	1	0	1
Private/Other (b)	0	0	2	8	2	8
Other aircraft accidents (c)	0	1	0	3	5	7
<b>Number of fatal accidents by aircraft and operator type (a)</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>26</b>	<b>26</b>	<b>27</b>
Aeroplane accidents	2	1	2	19	22	19
Commercial	2	1	0	9	10	5
Airliner (705)	0	0	0	1	0	0
Commuter (704)	1	1	0	1	1	0
Air taxi (703)	1	0	0	6	6	4
Aerial work (702)	0	0	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	0	0	2	10	12	13
Helicopter accidents	1	0	0	6	3	6
Other aircraft accidents (c)	0	0	0	1	1	1
<b>Accident fatalities (a)</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>54</b>	<b>57</b>	<b>50</b>
<b>Accident serious injuries (a)</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>34</b>	<b>28</b>	<b>36</b>
<b>Number of incidents by type (a)</b>	<b>38</b>	<b>57</b>	<b>52</b>	<b>485</b>	<b>556</b>	<b>570</b>
Risk of collision/Loss of separation	6	19	14	89	164	134
Declared emergency	18	17	18	189	187	175
Engine failure	5	3	5	71	58	81
Smoke/Fire	7	5	5	60	54	71
Collision	0	1	1	7	3	8
Other	2	12	10	69	90	100
<b>Number of accidents involving ultralight aircraft</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>17</b>	<b>26</b>	<b>28</b>
Fatal accidents	0	0	0	3	2	4
Fatalities	0	0	0	3	2	5
Serious injuries	2	1	1	5	4	6

Data extracted November 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.

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

	October			January to October		
	2011	2010	2006-2010 Average	2011	2010	2006-2010 Average
<b>Number of accidents by operation type</b>	<b>23</b>	<b>13</b>	<b>19</b>	<b>207</b>	<b>211</b>	<b>229</b>
Aeroplane accidents	21	12	15	175	190	192
Training	3	4	2	25	26	31
Pleasure/Travel	10	6	8	93	99	94
Business	2	0	1	7	6	7
Forest fire management	0	0	0	1	2	2
Test/Demonstration/Ferry	0	1	1	2	6	5
Aerial application	0	0	0	4	10	8
Inspection	0	0	0	0	1	1
Air transport	6	1	2	33	32	34
Air ambulance	0	0	0	1	0	2
Sightseeing	0	0	1	2	1	2
Other/Unknown	1	0	1	8	8	8
Helicopter accidents	2	1	4	32	21	37
Training	0	0	0	1	0	3
Pleasure/Travel	0	0	1	9	2	4
Business	0	0	1	0	0	1
Forest fire management	0	0	0	2	1	2
Test/Demonstration/Ferry	1	0	0	1	1	1
Aerial application	0	1	0	1	3	1
Inspection	0	0	0	2	1	1
Air transport	1	0	1	12	10	17
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	0	0
Other/Unknown	0	0	1	4	3	7
<b>Number of fatal accidents by operation type</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>25</b>	<b>25</b>	<b>26</b>
Training	0	0	0	1	0	2
Pleasure/Travel	0	0	1	11	11	11
Business	0	0	0	0	1	1
Forest fire management	0	0	0	1	2	1
Test/Demonstration/Ferry	1	0	0	1	1	2
Aerial application	0	0	0	0	0	0
Inspection	0	0	0	1	0	0
Air transport	2	1	1	8	8	6
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	1	0	0
Other/Unknown	0	0	0	1	2	2
<b>Fatalities</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>52</b>	<b>56</b>	<b>48</b>
<b>Serious injuries</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>34</b>	<b>28</b>	<b>31</b>

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