

Table 1  
Reportable Aircraft Occurrences

	December			January to December		
	2013	2012	2008-2012 Average	2013	2012	2008-2012 Average
<b>Number of reportable accidents</b>	<b>6</b>	<b>9</b>	<b>11</b>	<b>275</b>	<b>291</b>	<b>285</b>
Accidents in Canada involving Canadian-registered aircraft	6	7	9	261	267	265
Accidents outside Canada involving Canadian-registered aircraft	0	2	1	4	8	7
Accidents in Canada involving foreign-registered aircraft	0	0	1	10	17	14
<b>Number of accidents by operator type</b>	<b>6</b>	<b>9</b>	<b>11</b>	<b>275</b>	<b>291</b>	<b>285</b>
Commercial	2	3	4	64	73	81
Airliner (705)	0	0	0	6	5	5
Commuter (704)	0	2	1	3	5	6
Air taxi (703)	2	0	2	32	34	45
Aerial work (702)	0	0	1	21	26	24
Foreign/Other (a)	0	1	1	2	4	2
State	0	0	0	6	4	4
Corporate	0	0	0	6	6	5
Private/Other (b)	4	6	6	199	208	196
<b>Number of accidents by aircraft type</b>	<b>6</b>	<b>9</b>	<b>11</b>	<b>275</b>	<b>291</b>	<b>285</b>
Aeroplane	4	7	8	211	207	212
Helicopter	1	2	2	27	40	37
Ultralight	1	0	0	24	36	29
Other (c)	0	0	0	14	8	8
<b>Number of aircraft involved in accidents*</b>	<b>6</b>	<b>9</b>	<b>11</b>	<b>278</b>	<b>296</b>	<b>290</b>
Aeroplanes	4	7	8	213	211	216
Helicopters	1	2	2	27	41	37
Ultralights	1	0	0	24	36	29
Others (c)	0	0	0	14	8	8
<b>Number of fatal accidents by aircraft type</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>36</b>	<b>42</b>	<b>37</b>
Aeroplane	1	1	1	23	25	23
Helicopter	0	1	0	6	7	7
Ultralight	0	0	0	4	8	6
Other (c)	0	0	0	4	2	1
<b>Reportable accident fatalities</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>63</b>	<b>63</b>	<b>67</b>
<b>Reportable accident serious injuries</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>22</b>	<b>49</b>	<b>45</b>
<b>Accidents in Canada involving foreign-registered aircraft</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>10</b>	<b>17</b>	<b>14</b>
Fatal accidents	0	0	0	2	1	1
Fatalities	0	0	0	2	1	1
Serious Injuries	0	0	0	0	4	3
<b>Number of reportable incidents</b>	<b>58</b>	<b>50</b>	<b>61</b>	<b>685</b>	<b>636</b>	<b>761</b>
Incidents in Canada involving Canadian-registered aircraft	45	33	43	539	481	565
Incidents outside Canada involving Canadian-registered aircraft	2	7	6	39	49	66
Incidents in Canada involving foreign-registered aircraft	12	10	12	126	128	158
<b>Number of reportable incidents by type</b>	<b>58</b>	<b>50</b>	<b>61</b>	<b>685</b>	<b>636</b>	<b>761</b>
Risk of collision/Loss of separation	5	5	7	115	101	150
Declared emergency	34	20	29	291	260	294
Engine failure	5	15	9	83	90	100
Smoke/Fire	5	1	6	67	71	89
Collision	1	1	0	15	5	7
Other	8	8	10	114	109	121

Data extracted January 15, 2014.

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

	December			January to December		
	2013	2012	2008-2012 Average	2013	2012	2008-2012 Average
<b>Number of accidents by aircraft and operator type (a)</b>	<b>5</b>	<b>9</b>	<b>10</b>	<b>242</b>	<b>239</b>	<b>243</b>
Aeroplane accidents	4	7	8	203	193	200
Commercial	1	2	2	39	45	54
Airliner (705)	0	0	0	6	5	5
Commuter (704)	0	2	1	3	5	5
Air taxi (703)	1	0	1	18	20	30
Aerial work (702)	0	0	0	12	15	14
Other	0	0	0	0	0	0
State	0	0	0	2	2	2
Corporate	0	0	0	4	3	3
Private/Other (b)	3	5	5	158	143	141
Helicopter accidents	1	2	2	27	40	36
Commercial	1	1	2	22	27	25
State	0	0	0	1	2	0
Corporate	0	0	0	0	1	1
Private/Other (b)	0	1	0	4	10	9
Other aircraft accidents (c)	0	0	0	13	6	7
<b>Number of fatal accidents by aircraft and operator type (a)</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>30</b>	<b>33</b>	<b>30</b>
Aeroplane accidents	1	1	1	22	25	22
Commercial	0	1	1	7	6	7
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	1	0	1	1	1
Air taxi (703)	0	0	0	5	3	5
Aerial work (702)	0	0	0	1	2	2
Other	0	0	0	0	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	1	0	0
Private/Other	1	0	1	14	19	14
Helicopter accidents	0	1	0	6	7	7
Other aircraft accidents (c)	0	0	0	3	1	1
<b>Accident fatalities (a)</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>57</b>	<b>54</b>	<b>59</b>
<b>Accident serious injuries (a)</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>19</b>	<b>39</b>	<b>36</b>
<b>Number of incidents by type (a)</b>	<b>47</b>	<b>40</b>	<b>49</b>	<b>578</b>	<b>530</b>	<b>631</b>
Risk of collision/Loss of separation	5	3	6	105	92	132
Declared emergency	27	16	22	231	200	227
Engine failure	4	12	7	70	77	85
Smoke/Fire	5	1	5	55	59	74
Collision	1	0	0	14	4	6
Other	5	8	9	103	98	108
<b>Number of accidents involving ultralight aircraft</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>36</b>	<b>29</b>
Fatal accidents	0	0	0	4	8	6
Fatalities	0	0	0	4	8	7
Serious injuries	0	0	0	3	6	6

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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

	December			January to December		
	2013	2012	2008-2012 Average	2013	2012	2008-2012 Average
<b>Number of accidents by operation type</b>	<b>5</b>	<b>9</b>	<b>10</b>	<b>230</b>	<b>233</b>	<b>236</b>
Aeroplane accidents	4	7	8	203	193	200
Training	0	1	1	24	27	31
Pleasure/Travel	2	4	4	126	109	102
Business	0	0	0	2	4	6
Forest fire management	0	0	0	3	2	2
Test/Demonstration/Ferry	0	0	0	4	4	4
Aerial application	0	0	0	7	4	6
Inspection	0	0	0	1	1	1
Air transport	1	2	2	25	28	36
Air ambulance	0	0	0	0	1	2
Sightseeing	0	0	0	1	6	3
Other/Unknown	1	0	0	11	9	9
Helicopter accidents	1	2	2	27	40	36
Training	0	0	0	1	1	3
Pleasure/Travel	0	0	0	2	8	7
Business	0	1	0	1	3	1
Forest fire management	0	0	0	3	1	2
Test/Demonstration/Ferry	0	0	0	1	0	0
Aerial application	0	0	0	0	4	2
Inspection	0	0	0	2	2	1
Air transport	0	0	1	8	9	14
Air ambulance	1	0	0	2	1	0
Sightseeing	0	0	0	0	1	0
Other/Unknown	0	1	1	7	10	6
<b>Number of fatal accidents by operation type</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>28</b>	<b>32</b>	<b>29</b>
Training	0	0	0	2	2	1
Pleasure/Travel	1	0	1	10	16	14
Business	0	1	0	1	2	1
Forest fire management	0	0	0	0	0	1
Test/Demonstration/Ferry	0	0	0	1	1	1
Aerial application	0	0	0	1	0	0
Inspection	0	0	0	1	0	0
Air transport	0	1	1	8	5	7
Air ambulance	0	0	0	1	0	0
Sightseeing	0	0	0	0	1	0
Other/Unknown	0	0	0	3	6	3
<b>Fatalities</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>55</b>	<b>53</b>	<b>58</b>
<b>Serious injuries</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>19</b>	<b>36</b>	<b>35</b>

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