

Table 1

## Reportable Aircraft Occurrences

	October			Year to Date (October)		
	2015	2014	2010-2014 Average	2015	2014	2010-2014 Average
<b>Number of reportable accidents</b>	<b>16</b>	<b>16</b>	<b>20</b>	<b>232</b>	<b>230</b>	<b>248</b>
Accidents in Canada involving Canadian-registered aircraft	11	16	19	214	219	232
Accidents outside Canada involving Canadian-registered aircraft	3	0	0	9	4	4
Accidents in Canada involving foreign-registered aircraft	2	0	0	9	7	11
<b>Number of accidents by operator type</b>	<b>16</b>	<b>16</b>	<b>20</b>	<b>232</b>	<b>230</b>	<b>248</b>
Commercial	3	2	5	68	55	65
Airliner (705)	0	0	1	8	3	5
Commuter (704)	0	0	1	3	1	4
Air taxi (703)	1	1	2	20	31	32
Aerial work (702)	2	0	1	18	16	22
Foreign/Other (a)	0	1	1	19	5	3
State	0	1	0	1	3	4
Corporate	0	0	1	0	4	4
Private/Other (b)	13	13	14	164	168	175
<b>Number of accidents by aircraft type</b>	<b>16</b>	<b>16</b>	<b>20</b>	<b>232</b>	<b>230</b>	<b>248</b>
Aeroplane	12	9	15	179	160	185
Helicopter	4	3	2	32	31	30
Ultralight	0	3	2	17	31	26
Other (c)	0	1	0	7	8	8
<b>Number of aircraft involved in accidents*</b>	<b>16</b>	<b>16</b>	<b>20</b>	<b>239</b>	<b>232</b>	<b>251</b>
Aeroplanes	12	9	15	183	162	187
Helicopters	4	3	2	32	31	30
Ultralights	0	3	2	17	31	26
Others (c)	0	1	0	7	8	8
<b>Number of fatal accidents by aircraft type</b>	<b>5</b>	<b>0</b>	<b>2</b>	<b>26</b>	<b>13</b>	<b>29</b>
Aeroplane	3	0	2	17	11	20
Helicopter	2	0	0	5	0	4
Ultralight	0	0	0	4	2	3
Other (c)	0	0	0	0	0	2
<b>Reportable accident fatalities</b>	<b>7</b>	<b>0</b>	<b>4</b>	<b>43</b>	<b>19</b>	<b>51</b>
<b>Reportable accident serious injuries</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>26</b>	<b>33</b>	<b>33</b>
<b>Accidents in Canada involving foreign-registered aircraft</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>7</b>	<b>11</b>
Fatal accidents	1	0	0	3	2	2
Fatalities	1	0	0	4	4	2
Serious Injuries	0	0	0	0	1	1
<b>Occurrences with a dangerous good release</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>2</b>
<b>Number of reportable incidents**</b>	<b>65</b>	<b>71</b>	<b>62</b>	<b>665</b>	<b>615</b>	<b>592</b>
Incidents in Canada involving Canadian-registered aircraft	50	63	47	552	491	453
Incidents outside Canada involving Canadian-registered aircraft	9	3	4	51	46	46
Incidents in Canada involving foreign-registered aircraft	6	8	13	85	92	115
<b>Number of reportable incidents by type</b>	<b>65</b>	<b>71</b>	<b>62</b>	<b>665</b>	<b>615</b>	<b>592</b>
Risk of collision/Loss of separation	10	12	12	98	86	112
Declared emergency	33	23	24	278	247	236
Engine failure	7	12	7	90	90	75
Smoke/Fire	9	10	10	76	71	66
Collision	1	1	1	8	13	8
Other	5	13	8	115	108	95

Data extracted November 16, 2015

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, unmanned aerial vehicles (UAV) and similar aircraft types.

New TSB regulations came into effect on July 1, 2014, changing some reporting requirements.

\*\*Under new reporting requirements aviation incidents include: a) aircraft having a maximum certificated take-off weight greater than 2 250 kg (formerly 5700 kg); b) aircraft being operated under an air operator certificate issued under CARS Part VII.

Table 2

## Occurrences Involving Canadian-Registered Aircraft

	October			Year to Date (October)		
	2015	2014	2010-2014 Average	2015	2014	2010-2014 Average
<b>Number of accidents by aircraft and operator type</b>	<b>14</b>	<b>13</b>	<b>17</b>	<b>208</b>	<b>193</b>	<b>212</b>
Aeroplane accidents	10	9	15	172	154	175
Commercial	1	1	4	46	31	41
Airliner (705)	0	0	1	8	3	5
Commuter (704)	0	0	1	3	1	3
Air taxi (703)	0	1	2	10	16	20
Aerial work (702)	1	0	0	10	8	12
Other	0	0	0	15	3	1
State	0	1	0	1	3	2
Corporate	0	0	0	0	2	2
Private/Other (a)	9	7	11	126	118	130
Helicopter accidents	4	3	2	31	31	30
Commercial	2	1	1	22	23	23
State	0	0	0	0	0	1
Corporate	0	0	0	0	0	0
Private/Other (a)	2	2	1	9	8	6
Other aircraft accidents (b)	0	1	0	7	8	7
<b>Number of fatal accidents by aircraft and operator type</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>20</b>	<b>9</b>	<b>24</b>
Aeroplane accidents	2	0	2	15	9	19
Commercial	1	0	1	5	2	6
Airliner (705)	0	0	0	0	0	0
Commuter (704)	0	0	0	0	0	0
Air taxi (703)	0	0	0	2	1	4
Aerial work (702)	1	0	0	2	1	2
Other	0	0	0	1	0	0
State	0	0	0	0	0	0
Corporate	0	0	0	0	0	0
Private/Other	1	0	1	11	7	12
Helicopter accidents	2	0	0	5	0	4
Other aircraft accidents (b)	0	0	0	0	0	1
<b>Accident fatalities</b>	<b>6</b>	<b>0</b>	<b>3</b>	<b>36</b>	<b>13</b>	<b>45</b>
<b>Accident serious injuries</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>25</b>	<b>26</b>	<b>27</b>
<b>Number of incidents by type*</b>	<b>58</b>	<b>66</b>	<b>51</b>	<b>602</b>	<b>537</b>	<b>499</b>
Risk of collision/Loss of separation	8	11	10	90	76	100
Declared emergency	29	22	20	241	216	189
Engine failure	6	11	5	84	80	65
Smoke/Fire	9	10	8	71	60	54
Collision	1	1	1	7	12	7
Other	5	11	7	109	93	84
<b>Number of accidents involving ultralight aircraft</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>16</b>	<b>30</b>	<b>25</b>
Fatal accidents	0	0	0	3	2	3
Fatalities	0	0	0	3	2	3
Serious injuries	0	0	1	1	6	5

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Table 3

## Accidents Involving Canadian-Registered Fixed Wing and Rotary Wing Aircraft By Type of Operation

	October			Year to Date (October)		
	2015	2014	2010-2014 Average	2015	2014	2010-2014 Average
<b>Number of accidents by operation type</b>	<b>14</b>	<b>12</b>	<b>17</b>	<b>203</b>	<b>185</b>	<b>205</b>
Aeroplane accidents	10	9	15	172	154	175
Training	0	0	2	14	22	24
Pleasure/Travel	9	8	8	112	89	100
Business	0	0	1	0	8	5
Forest fire management	0	0	0	2	2	2
Test/Demonstration/Ferry	0	1	1	2	5	4
Aerial application	0	0	0	5	4	6
Inspection	0	0	0	1	0	0
Air transport	0	0	3	20	18	26
Air ambulance	0	0	0	0	1	1
Sightseeing	0	0	0	1	1	2
Other/Unknown	1	0	1	16	4	7
Helicopter accidents	4	3	2	31	31	30
Training	0	1	0	5	2	1
Pleasure/Travel	1	2	1	8	7	5
Business	0	0	0	0	0	1
Forest fire management	0	0	0	2	0	1
Test/Demonstration/Ferry	0	0	0	0	0	1
Aerial application	0	0	0	2	1	2
Inspection	0	0	0	0	2	2
Air transport	2	0	0	8	16	11
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	0	1	0
Other/Unknown	1	0	0	6	2	5
<b>Number of fatal accidents by operation type</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>20</b>	<b>9</b>	<b>23</b>
Training	0	0	0	1	1	1
Pleasure/Travel	1	0	0	10	6	11
Business	0	0	0	0	1	1
Forest fire management	0	0	0	1	0	1
Test/Demonstration/Ferry	0	0	0	0	0	1
Aerial application	0	0	0	1	0	0
Inspection	0	0	0	0	0	0
Air transport	1	0	1	4	1	5
Air ambulance	0	0	0	0	0	0
Sightseeing	0	0	0	1	0	0
Other/Unknown	2	0	0	3	0	2
<b>Fatalities</b>	<b>6</b>	<b>0</b>	<b>3</b>	<b>36</b>	<b>13</b>	<b>44</b>
<b>Serious injuries</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>25</b>	<b>25</b>	<b>26</b>

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

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