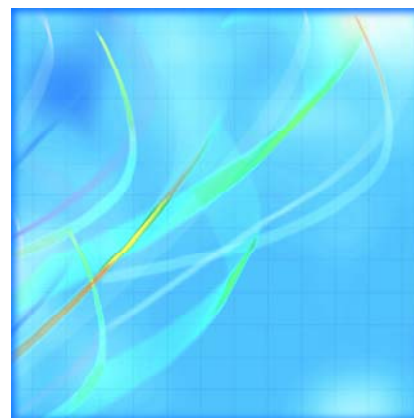


Catalogue no. 51-008-X

# **Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)**



December 2010



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# Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)

December 2010

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## Symbols

The following standard symbols are used in Statistics Canada publications:

- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0<sup>s</sup> value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- p preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the *Statistics Act*
- E use with caution
- F too unreliable to be published

## Acknowledgments

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This publication was prepared by the Aviation Statistics Centre, of the Transportation Division, Statistics Canada under the general direction of **Fred Barzyk**, Assistant Director, Transportation Division and **Norah Hillary**, Chief, Aviation Statistics Centre. **Kathie Davidson**, **Rose Krakower**, **John Scolli**, **Bev Pomfret** and **Jim Charinos** contributed to the preparation of this publication.

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## Highlights

- Moosonee, Ontario, the most active site in December 2010, recorded 2,601 itinerant movements, down 14.0% from 2009. This represented 8.1% of the total itinerant movements.
- Peterborough, Ontario (1,532 movements) followed by Welland/Niagara Central, Ontario (1,268 movements) recorded the greatest number of local movements in December 2010.

### Text table 1

#### Distribution of aircraft movements at airports without control towers with the same period a year ago

	December 2009	December 2010	Percentage change, December 2009 to December 2010	Year-to-date total		Percentage change 2009 to 2010
	number	number	percent	2009	2010	percent
<b>Total</b>	<b>42,345</b>	<b>40,454</b>	<b>-4.5</b>	<b>640,076</b>	<b>678,537</b>	<b>6.0</b>
<b>Itinerant movements</b>						
Carrier	26,709	26,498	-0.8	342,770	372,178	8.6
Other commercial	572	471	-17.7	17,614	13,833	-21.5
Private	1,619	1,489	-8.0	52,142	56,452	8.3
Government						
Civil	769	861	12.0	17,232	19,586	13.7
Military	509	510	0.2	11,964	13,249	10.7
<b>Total</b>	<b>32,512</b>	<b>32,192</b>	<b>-1.0</b>	<b>477,262</b>	<b>512,245</b>	<b>7.3</b>
<b>Local movements</b>						
Civil	6,557	5,353	-18.4	122,312	126,829	3.7
Military	9	6	-33.3	4,490	2,975	-33.7
<b>Total</b>	<b>6,822</b>	<b>5,588</b>	<b>-18.1</b>	<b>134,247</b>	<b>137,458</b>	<b>2.4</b>
Number of airports in the survey	136	132	...	136	132	...

## Analysis

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In December 2010, the number of take-offs and landings at the 132 airports without air traffic control towers reached 40,454 movements. Moosonee, Ontario (2,601 movements) followed by Red Lake, Ontario (2,238 movements) were the most active sites in December 2010. Year-over-year increases were reported by 58 of these airports.

There were 32,192 itinerant movements (flights from one airport to another) recorded by 112 airports without air traffic control towers in December 2010. The year-over-year variations ranged from an increase of 273 movements (+14.8%) at Goose Bay, Newfoundland and Labrador to a decline of 422 movements (-14.0%) at Moosonee, Ontario. Fifty-three airports reported year-over-year increases.

Thirty-four airports without air traffic control towers reported 5,588 local movements (flights that remain in the vicinity of the airport) in December 2010. Peterborough, Ontario (1,532 movements) followed by Welland/Niagara Central, Ontario (1,268 movements) recorded the greatest number of local movements in December 2010.

## Related products

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### Selected publications from Statistics Canada

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51-007-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations (TP 141)
51-206-X	Canadian Civil Aviation
51-209-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations: Annual Report (TP 577)
51-210-X	Aircraft Movement Statistics: Airports Without Air Traffic Control Towers: Annual Report (TP 577)

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### Selected CANSIM tables from Statistics Canada

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401-0007	Aircraft movements, by class of operation and peak hour and peak day of movements, airports with NAV CANADA towers, monthly
401-0008	Aircraft movements, by civil and military movements, airports with NAV CANADA towers, monthly
401-0009	Itinerant movements, by type of operation, airports with NAV CANADA towers, monthly
401-0010	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA towers, monthly
401-0011	Itinerant movements, by type of power plant, airports with NAV CANADA towers, monthly
401-0012	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA towers, monthly
401-0013	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA towers, monthly
401-0014	Aircraft movements, by class of operation and peak hour and peak day of movements, airports with NAV CANADA flight service stations, monthly
401-0015	Aircraft movements, by civil and military movements, airports with NAV CANADA flight service stations, monthly
401-0016	Itinerant movements, by type of operation, airports with NAV CANADA flight service stations, monthly
401-0017	Itinerant movements, by instrument flight rules, visual flight rules and runway 88, airports with NAV CANADA flight service stations, monthly
401-0018	Itinerant movements, by type of power plant, airports with NAV CANADA flight service stations, monthly



401-0019	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA flight service stations, monthly
401-0020	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA flight service stations, monthly
401-0021	Monthly aircraft movements, by class of operation and type of operation, airports without air traffic control towers
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401-0023	Aircraft movements, by class of operation, airports with NAV CANADA towers, annual
401-0024	Aircraft movements, by civil and military movements, airports with NAV CANADA towers, annual
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401-0027	Itinerant movements, by type of power plant, airports with NAV CANADA towers, annual
401-0028	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA towers, annual
401-0029	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA towers, annual
401-0030	Aircraft movements, by class of operation, airports with NAV CANADA flight service stations, annual
401-0031	Aircraft movements, by civil and military movements, airports with NAV CANADA flight service stations, annual
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401-0036	Domestic and international itinerant movements, by type of operation, airports with NAV CANADA flight service stations, annual
401-0037	Annual aircraft movements, by class of operation and type of operation, airports without air traffic control towers
401-0038	Annual itinerant movements, by weight group and type of power plant, airports without air traffic control towers

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## **Selected surveys from Statistics Canada**

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2715                      Aircraft Movement Statistics

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## **Selected summary tables from Statistics Canada**

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- *Aircraft movements by class of operation (monthly)*

# Statistical tables

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**Table 1**  
**Total aircraft movements by class of operation**

	Number of days reported for current month	Total, itinerant and local movements	Total itinerant movements	Total local movements
		number		
Akulivik, Quebec	.	77	77	0
Amos Municipal, Quebec	8	42	15	27
Arviat, Nunavut	28	270	270	0
Aupaluk, Quebec	.	78	78	0
Baie-Comeau, Quebec	31	509	493	16
Baker Lake, Nunavut	30	271	271	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	25	743	227	516
Bathurst, New Brunswick	29	212	212	0
Beaver Creek, Yukon	2	4	4	0
Berens River, Manitoba	..	242	..	..
Bloodvein River, Manitoba	..	254	..	..
Brochet, Manitoba	..	70	..	..
Bromont, Quebec	19	172	172	0
Buffalo Narrows, Saskatchewan	29	531	515	16
Burwash, Yukon	1	4	4	0
Cambridge Bay, Nunavut	31	260	258	2
Cape Dorset, Nunavut	18	77	77	0
Charlo, New Brunswick	13	50	50	0
Chesterfield Inlet, Nunavut	15	74	74	0
Chevery, Quebec	28	280	280	0
Chibougamau/Chapais, Quebec	31	385	375	10
Collingwood, Ontario	31	116	76	40
Comox, British Columbia	31	1,394	1,394	0
Coral Harbour, Nunavut	23	142	142	0
Cross Lake, Manitoba	..	174	..	..
Dauphin, Manitoba	24	176	172	4
Dawson, Yukon	30	233	233	0
Dawson Creek, British Columbia	29	367	357	10
Déline, Northwest Territories	27	164	164	0
Digby, Nova Scotia	12	72	30	42
Drummondville, Quebec	19	197	95	102
Dryden Regional, Ontario	29	645	609	36
Eastmain River, Quebec	4	23	23	0
Elliot Lake Municipal, Ontario	31	385	201	184
Eureka, Nunavut	1	2	2	0
Faro, Yukon	12	57	57	0
Flin Flon, Manitoba	31	403	403	0
Fort Frances Municipal, Ontario	29	369	369	0
Fort Good Hope, Northwest Territories	24	129	129	0
Fort McPherson, Northwest Territories	13	76	76	0
Fort Resolution, Northwest Territories	7	15	15	0
Fort Simpson, Northwest Territories	30	211	211	0
Gaméti/Rae Lakes, Northwest Territories	26	99	99	0
Gaspé, Quebec	30	301	301	0
Geraldton, Ontario	21	95	95	0
Gillam, Manitoba	27	210	210	0
Gjoa Haven, Nunavut	25	114	114	0
Gods Lake Narrows, Manitoba	..	131	..	..
Gods River, Manitoba	..	172	..	..
Goose Bay, Newfoundland and Labrador	31	2,120	2,120	0
Guelph, Ontario	10	634	0	634
Havre St-Pierre, Quebec	27	263	263	0
Hay River, Northwest Territories	29	371	371	0
Hearst/René Fontaine Municipal, Ontario	9	35	35	0
Igloodik, Nunavut	27	110	110	0
Ilford, Manitoba	..	20	..	..
Inukjuak, Quebec	.	250	250	0
Island Lake, Manitoba	31	1,380	1,380	0
Ivujivik, Quebec	.	52	52	0
Kangiqsualujuaq, Quebec	.	123	123	0
Kangiqsujuuaq, Quebec	.	62	62	0
Kangirsuk, Quebec	.	140	140	0
Kapusking, Ontario	31	336	288	48
Kugaaruk, Nunavut	19	53	53	0
Kugluktuk, Nunavut	29	207	207	0
Kuujuarapik, Quebec	29	530	530	0
Lac Brochet, Manitoba	..	130	..	..
Little Grand Rapids, Manitoba	..	447	..	..

Table 1 – continued

## Total aircraft movements by class of operation

	Number of days reported for current month	Total, itinerant and local movements	Total itinerant movements	Total local movements
		number		
Lourdes-de-Blanc-Sablon, Quebec	30	403	403	0
Lutselk'e, Northwest Territories	26	127	127	0
Mayo, Yukon	17	49	49	0
Miramichi, New Brunswick	24	256	256	0
Moosonee, Ontario	31	2,601	2,601	0
Muskoka, Ontario	29	349	307	42
Nakina, Ontario	30	510	506	4
Nanisivik, Nunavut	20	48	47	1
Natashquan, Quebec	29	213	213	0
Norway House, Manitoba	31	393	393	0
Old Crow, Yukon	26	151	151	0
Oxford House, Manitoba	..	228	..	..
Pabok, Quebec	9	18	18	0
Pangnirtung, Nunavut	25	150	150	0
Paulatuk, Northwest Territories	19	52	52	0
Peterborough, Ontario	31	1,795	263	1,532
Pickle Lake, Ontario	29	1,551	1,499	52
Pikwitonei, Manitoba	..	2	..	..
Pond Inlet, Nunavut	22	69	69	0
Poplar River, Manitoba	..	192	..	..
Port-Menier, Quebec	15	119	119	0
Prince Rupert/Digby Island, British Columbia	8	24	24	0
Prince Rupert/Seal Cove, British Columbia	31	824	822	2
Pukatawagan, Manitoba	..	89	..	..
Puvirnituq, Quebec	.	426	422	4
Qikiqtarjuaq, Nunavut	19	59	59	0
Quaqtaq, Quebec	.	87	87	0
Quesnel, British Columbia	31	351	255	96
Red Lake, Ontario	31	2,238	2,081	157
Red Sucker Lake, Manitoba	..	142	..	..
Resolute Bay, Nunavut	25	81	81	0
Rimouski, Quebec	21	117	117	0
Roberval, Quebec	20	106	72	34
Salluit, Quebec	.	141	141	0
Sandspit, British Columbia	30	159	147	12
Sanikiluaq, Nunavut	23	137	137	0
Shamattawa, Manitoba	..	232	..	..
Sherbrooke, Quebec	18	152	50	102
South Indian Lake, Manitoba	..	34	..	..
St. Anthony, Newfoundland and Labrador	31	247	247	0
St-Augustin, Quebec	14	103	103	0
St. Theresa Point, Manitoba	29	1,396	1,396	0
Stephenville, Newfoundland and Labrador	21	135	135	0
Stony Rapids, Saskatchewan	29	745	745	0
Sydney, Nova Scotia	31	535	521	14
Tadoule Lake, Manitoba	..	82	..	..
Taloyoak, Nunavut	25	81	81	0
Tasiujaq, Quebec	.	95	95	0
Teslin, Yukon	9	50	50	0
The Pas, Manitoba	30	270	270	0
Thicket Portage, Manitoba	..	3	..	..
Tillsonburg, Ontario	..	328	103	225
Tofino, British Columbia	28	250	242	8
Trois-Rivières, Quebec	31	494	348	146
Tuktoyaktuk, Northwest Territories	30	182	182	0
Tulita, Northwest Territories	17	146	146	0
Umiujaq, Quebec	.	162	162	0
Waskaganish, Quebec	19	140	130	10
Watson Lake, Yukon	19	70	70	0
Welland/Niagara Central, Ontario	21	1,290	22	1,268
Wemindji, Quebec	18	74	74	0
Whale Cove, Nunavut	22	110	110	0
York Landing, Manitoba	..	30	..	..
Yorkton Municipal, Saskatchewan	28	421	229	192
<b>Total (132)</b>	<b>31</b>	<b>40,454</b>	<b>32,192</b>	<b>5,588</b>

**Table 2-1**  
**Itinerant movements by class and type of operation**

	Total itinerant movements	Domestic			International			Government		
		Carrier	Other commercial	Private	Carrier	Other commercial	Private	Civil	Military	
		number								
Akulivik, Quebec	77	.	.	.	.	.	.	.	.	
Amos Municipal, Quebec	15	6	0	9	0	0	0	0	0	
Arviat, Nunavut	270	264	0	2	0	0	0	4	0	
Aupaluk, Quebec	78	.	.	.	.	.	.	.	.	
Baie-Comeau, Quebec	493	358	2	60	0	0	0	71	2	
Baker Lake, Nunavut	271	261	0	2	6	0	0	2	0	
Barrie-Orillia-Lake Simcoe Regional, Ontario	227	97	10	74	0	0	18	22	6	
Bathurst, New Brunswick	212	166	1	5	22	1	9	4	4	
Beaver Creek, Yukon	4	2	0	0	0	0	0	2	0	
Bromont, Quebec	172	7	47	112	1	0	4	0	1	
Buffalo Narrows, Saskatchewan	515	467	24	6	0	0	0	18	0	
Burwash, Yukon	4	4	0	0	0	0	0	0	0	
Cambridge Bay, Nunavut	258	251	0	2	0	0	0	4	1	
Cape Dorset, Nunavut	77	68	2	1	0	0	0	6	0	
Charlo, New Brunswick	50	12	0	28	0	0	2	8	0	
Chesterfield Inlet, Nunavut	74	74	0	0	0	0	0	0	0	
Chevery, Quebec	280	258	16	5	0	1	0	0	0	
Chibougamau/Chapais, Quebec	375	297	47	30	0	0	0	1	0	
Collingwood, Ontario	76	12	4	60	0	0	0	0	0	
Comox, British Columbia	1,394	1,040	0	0	13	0	0	21	320	
Coral Harbour, Nunavut	142	136	0	0	0	0	0	6	0	
Dauphin, Manitoba	172	90	23	14	0	0	0	13	32	
Dawson, Yukon	233	172	40	21	0	0	0	0	0	
Dawson Creek, British Columbia	357	334	0	17	0	0	0	6	0	
Déline, Northwest Territories	164	164	0	0	0	0	0	0	0	
Digby, Nova Scotia	30	4	2	21	0	0	3	0	0	
Drummondville, Quebec	95	25	8	60	1	0	1	0	0	
Dryden Regional, Ontario	609	558	2	14	0	0	1	34	0	
Eastmain River, Quebec	23	23	0	0	0	0	0	0	0	
Elliot Lake Municipal, Ontario	201	188	0	13	0	0	0	0	0	
Eureka, Nunavut	2	2	0	0	0	0	0	0	0	
Faro, Yukon	57	23	34	0	0	0	0	0	0	
Flin Flon, Manitoba	403	385	1	2	0	0	0	15	0	
Fort Frances Municipal, Ontario	369	357	0	10	0	0	2	0	0	
Fort Good Hope, Northwest Territories	129	127	0	0	0	0	0	2	0	
Fort McPherson, Northwest Territories	76	70	0	0	0	0	0	6	0	
Fort Resolution, Northwest Territories	15	15	0	0	0	0	0	0	0	
Fort Simpson, Northwest Territories	211	205	0	0	0	0	0	4	2	
Gamèti/Rae Lakes, Northwest Territories	99	82	0	1	0	0	0	14	2	
Gaspé, Quebec	301	243	6	1	0	0	1	50	0	
Geraldton, Ontario	95	79	4	8	0	0	0	4	0	
Gillam, Manitoba	210	206	0	0	0	0	0	4	0	
Gjoa Haven, Nunavut	114	108	0	2	0	0	0	4	0	
Goose Bay, Newfoundland and Labrador	2,120	1,703	16	37	84	42	140	49	49	
Havre St-Pierre, Quebec	263	245	0	0	0	0	0	18	0	
Hay River, Northwest Territories	371	359	0	0	0	0	0	10	2	
Hearst/René Fontaine Municipal, Ontario	35	34	0	1	0	0	0	0	0	
Igloolik, Nunavut	110	106	0	0	0	0	0	4	0	
Inukjuak, Quebec	250	.	.	.	.	.	.	.	.	
Island Lake, Manitoba	1,380	1,364	0	2	0	0	0	14	0	
Ivujivik, Quebec	52	.	.	.	.	.	.	.	.	
Kangiqsualujuaq, Quebec	123	.	.	.	.	.	.	.	.	
Kangiqsujuaq, Quebec	62	.	.	.	.	.	.	.	.	
Kangirsuk, Quebec	140	.	.	.	.	.	.	.	.	
Kapuskasing, Ontario	288	196	0	0	90	0	2	0	0	
Kugaaruk, Nunavut	53	51	0	0	0	0	0	2	0	
Kugluktuk, Nunavut	207	203	0	2	0	0	0	0	2	
Kuujuarapik, Quebec	530	520	0	2	0	0	0	8	0	
Lourdes-de-Blanc-Sablon, Quebec	403	342	40	3	0	0	0	18	0	
Lutsel'k'e, Northwest Territories	127	127	0	0	0	0	0	0	0	
Mayo, Yukon	49	45	2	2	0	0	0	0	0	
Miramichi, New Brunswick	256	188	18	15	2	0	25	4	4	
Moosonee, Ontario	2,601	2,594	0	4	0	0	0	3	0	
Muskoka, Ontario	307	165	27	86	3	0	7	16	3	
Nakina, Ontario	506	506	0	0	0	0	0	0	0	
Nanisivik, Nunavut	47	45	0	0	0	0	0	2	0	
Natashquan, Quebec	213	184	2	27	0	0	0	0	0	

Table 2-1 – continued

## Itinerant movements by class and type of operation

	Total itinerant movements	Domestic			International			Government	
		Carrier	Other commercial	Private	Carrier	Other commercial	Private	Civil	Military
number									
Norway House, Manitoba	393	366	0	3	0	0	0	24	0
Old Crow, Yukon	151	149	0	0	0	0	0	2	0
Pabok, Quebec	18	4	0	0	0	0	0	14	0
Pangnirtung, Nunavut	150	145	2	1	0	0	0	2	0
Paulatuk, Northwest Territories	52	50	0	0	0	0	0	2	0
Peterborough, Ontario	263	52	27	141	10	1	10	12	10
Pickle Lake, Ontario	1,499	1,462	8	29	0	0	0	0	0
Pond Inlet, Nunavut	69	61	0	0	0	0	0	8	0
Port-Menier, Quebec	119	116	0	2	1	0	0	0	0
Prince Rupert/Digby Island, British Columbia	24	24	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	822	701	0	31	2	0	0	88	0
Puvirnituq, Quebec	422	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	59	57	0	1	0	0	1	0	0
Quaqtaq, Quebec	87	.	.	.	.	.	.	.	.
Quesnel, British Columbia	255	166	6	78	0	0	1	4	0
Red Lake, Ontario	2,081	1,970	0	49	0	0	0	54	8
Resolute Bay, Nunavut	81	81	0	0	0	0	0	0	0
Rimouski, Quebec	117	35	0	76	0	0	0	6	0
Roberval, Quebec	72	44	2	18	0	0	0	4	4
Salluit, Quebec	141	.	.	.	.	.	.	.	.
Sandspit, British Columbia	147	125	0	6	0	0	0	14	2
Sanikiluaq, Nunavut	137	131	6	0	0	0	0	0	0
Sherbrooke, Quebec	50	14	6	20	0	0	6	2	2
St. Anthony, Newfoundland and Labrador	247	229	2	0	0	0	0	16	0
St-Augustin, Quebec	103	91	6	6	0	0	0	0	0
St. Theresa Point, Manitoba	1,396	1,388	0	4	0	0	0	4	0
Stephenville, Newfoundland and Labrador	135	65	0	1	6	2	29	14	18
Stony Rapids, Saskatchewan	745	730	0	0	1	0	0	14	0
Sydney, Nova Scotia	521	492	0	10	4	0	2	9	4
Taloyoak, Nunavut	81	80	0	0	1	0	0	0	0
Tasiujaq, Quebec	95	.	.	.	.	.	.	.	.
Teslin, Yukon	50	36	0	14	0	0	0	0	0
The Pas, Manitoba	270	235	2	10	0	0	0	23	0
Tillsonburg, Ontario	103	..	..	..	..	..	..	..	..
Tofino, British Columbia	242	145	10	35	0	0	1	43	8
Trois-Rivières, Quebec	348	179	14	146	1	0	0	4	4
Tuktoyaktuk, Northwest Territories	182	174	0	0	0	0	0	6	2
Tulita, Northwest Territories	146	146	0	0	0	0	0	0	0
Umiujaq, Quebec	162	.	.	.	.	.	.	.	.
Waskaganish, Quebec	130	130	0	0	0	0	0	0	0
Watson Lake, Yukon	70	53	0	11	0	0	0	6	0
Welland/Niagara Central, Ontario	22	3	2	8	1	0	8	0	0
Wemindji, Quebec	74	74	0	0	0	0	0	0	0
Whale Cove, Nunavut	110	109	0	0	1	0	0	0	0
Yorkton Municipal, Saskatchewan	229	169	0	28	0	0	1	13	18
<b>Total (112)</b>	<b>32,192</b>	<b>26,498</b>	<b>471</b>	<b>1,489</b>	<b>250</b>	<b>47</b>	<b>274</b>	<b>861</b>	<b>510</b>

**Table 2-2**  
**Itinerant movements by type of power plant**

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
number						
Akulivik, Quebec	77	.	.	.	.	..
Amos Municipal, Quebec	15	0	6	9	0	0
Arviat, Nunavut	270	0	270	0	0	0
Aupaluk, Quebec	78	.	.	.	.	..
Baie-Comeau, Quebec	493	36	387	57	13	0
Baker Lake, Nunavut	271	0	271	0	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	227	20	32	113	62	0
Bathurst, New Brunswick	212	0	133	54	25	0
Beaver Creek, Yukon	4	0	4	0	0	0
Bromont, Quebec	172	2	0	163	7	0
Buffalo Narrows, Saskatchewan	515	0	460	53	2	0
Burwash, Yukon	4	0	0	0	4	0
Cambridge Bay, Nunavut	258	30	216	4	8	0
Cape Dorset, Nunavut	77	0	76	1	0	0
Charlo, New Brunswick	50	6	34	6	4	0
Chesterfield Inlet, Nunavut	74	0	72	2	0	0
Chevery, Quebec	280	0	272	6	1	1
Chibougamau/Chapais, Quebec	375	7	278	56	34	0
Collingwood, Ontario	76	3	8	61	4	0
Comox, British Columbia	1,394	223	843	155	173	0
Coral Harbour, Nunavut	142	0	142	0	0	0
Dauphin, Manitoba	172	7	114	43	8	0
Dawson, Yukon	233	0	99	10	124	0
Dawson Creek, British Columbia	357	4	280	15	58	0
Déline, Northwest Territories	164	0	125	39	0	0
Digby, Nova Scotia	30	0	0	30	0	0
Drummondville, Quebec	95	0	9	60	26	0
Dryden Regional, Ontario	609	0	428	112	69	0
Eastmain River, Quebec	23	0	23	0	0	0
Elliot Lake Municipal, Ontario	201	0	189	10	2	0
Eureka, Nunavut	2	0	2	0	0	0
Faro, Yukon	57	0	10	0	47	0
Flin Flon, Manitoba	403	1	359	39	4	0
Fort Frances Municipal, Ontario	369	0	282	78	9	0
Fort Good Hope, Northwest Territories	129	0	76	48	5	0
Fort McPherson, Northwest Territories	76	0	76	0	0	0
Fort Resolution, Northwest Territories	15	0	12	3	0	0
Fort Simpson, Northwest Territories	211	0	126	83	2	0
Gamèti/Rae Lakes, Northwest Territories	99	0	98	1	0	0
Gaspé, Quebec	301	12	261	10	18	0
Geraldton, Ontario	95	0	79	6	10	0
Gillam, Manitoba	210	0	126	84	0	0
Gjoa Haven, Nunavut	114	0	103	2	9	0
Goose Bay, Newfoundland and Labrador	2,120	362	1,495	38	223	2
Havre St-Pierre, Quebec	263	4	152	57	50	0
Hay River, Northwest Territories	371	0	293	78	0	0
Hearst/René Fontaine Municipal, Ontario	35	0	34	1	0	0
Igloodik, Nunavut	110	0	110	0	0	0
Inukjuak, Quebec	250	.	.	.	.	..
Island Lake, Manitoba	1,380	0	721	98	561	0
Ivujivik, Quebec	52	.	.	.	.	..
Kangiqsualujuaq, Quebec	123	.	.	.	.	..
Kangiqsujuuaq, Quebec	62	.	.	.	.	..
Kangirsuk, Quebec	140	.	.	.	.	..
Kapuskasung, Ontario	288	0	287	0	1	0
Kugaaruk, Nunavut	53	0	53	0	0	0
Kugluktuk, Nunavut	207	8	197	2	0	0
Kuujuarapik, Quebec	530	12	506	0	12	0
Lourdes-de-Blanc-Sablon, Quebec	403	4	377	19	3	0
Lutselk'e, Northwest Territories	127	0	98	29	0	0
Mayo, Yukon	49	0	18	11	20	0
Miramichi, New Brunswick	256	16	24	210	6	0
Moosonee, Ontario	2,601	0	832	192	1,577	0
Muskoka, Ontario	307	12	133	115	47	0
Nakina, Ontario	506	0	458	0	48	0
Nanisivik, Nunavut	47	0	47	0	0	0
Natashquan, Quebec	213	0	166	33	14	0
Norway House, Manitoba	393	2	361	30	0	0



Table 2-2 – continued

## Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Old Crow, Yukon	151	0	151	0	0	0
Pabok, Quebec	18	2	16	0	0	0
Pangnirtung, Nunavut	150	0	150	0	0	0
Paulatuk, Northwest Territories	52	0	52	0	0	0
Peterborough, Ontario	263	21	22	169	51	0
Pickle Lake, Ontario	1,499	0	1,387	62	50	0
Pond Inlet, Nunavut	69	0	68	1	0	0
Port-Menier, Quebec	119	4	52	59	4	0
Prince Rupert/Digby Island, British Columbia	24	0	0	24	0	0
Prince Rupert/Seal Cove, British Columbia	822	0	37	628	157	0
Puvirnituq, Quebec	422	.	.	.	.	..
Qikiqtarjuaq, Nunavut	59	0	59	0	0	0
Quaqtaq, Quebec	87	.	.	.	.	..
Quesnel, British Columbia	255	14	165	67	9	0
Red Lake, Ontario	2,081	2	1,524	546	9	0
Resolute Bay, Nunavut	81	12	69	0	0	0
Rimouski, Quebec	117	0	31	78	8	0
Roberval, Quebec	72	4	39	18	11	0
Salluit, Quebec	141	.	.	.	.	..
Sandspit, British Columbia	147	8	96	0	43	0
Sanikiluaq, Nunavut	137	0	137	0	0	0
Sherbrooke, Quebec	50	8	12	24	6	0
St. Anthony, Newfoundland and Labrador	247	5	234	0	8	0
St-Augustin, Quebec	103	3	92	8	0	0
St. Theresa Point, Manitoba	1,396	4	461	108	823	0
Stephenville, Newfoundland and Labrador	135	50	77	0	8	0
Stony Rapids, Saskatchewan	745	5	538	167	35	0
Sydney, Nova Scotia	521	30	447	25	19	0
Taloyoak, Nunavut	81	0	81	0	0	0
Tasiujaq, Quebec	95	.	.	.	.	..
Teslin, Yukon	50	0	0	10	40	0
The Pas, Manitoba	270	8	223	29	10	0
Tillsonburg, Ontario	103	..	..	..	..	..
Tofino, British Columbia	242	2	47	99	94	0
Trois-Rivières, Quebec	348	15	22	287	24	0
Tuktoyaktuk, Northwest Territories	182	0	180	2	0	0
Tulita, Northwest Territories	146	0	79	61	6	0
Umiujaq, Quebec	162	.	.	.	.	..
Waskaganish, Quebec	130	0	120	10	0	0
Watson Lake, Yukon	70	0	52	11	7	0
Welland/Niagara Central, Ontario	22	2	0	20	0	0
Wemindji, Quebec	74	0	72	2	0	0
Whale Cove, Nunavut	110	0	110	0	0	0
Yorkton Municipal, Saskatchewan	229	8	59	124	38	0
<b>Total (112)</b>	<b>32,192</b>	<b>978</b>	<b>19,704</b>	<b>4,965</b>	<b>4,750</b>	<b>3</b>

**Table 2-3**  
**Itinerant movements by aircraft weight groups**

	Total itinerant movements	Gross take-off weight in kilograms						
		2 000	2 001	4 001	5 671	9 001	18 001	35 001
		and under	to 4 000	to 5 670	to 9 000	to 18 000	to 35 000	and over
		number						
Akulivik, Quebec	77	.	..	..	.	.	.	0
Amos Municipal, Quebec	15	9	0	4	2	0	0	0
Arviat, Nunavut	270	0	0	47	17	105	101	0
Aupaluk, Quebec	78	.	..	..	.	.	.	0
Baie-Comeau, Quebec	493	17	53	181	56	151	35	0
Baker Lake, Nunavut	271	0	0	37	16	84	134	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	227	155	26	32	10	4	0	0
Bathurst, New Brunswick	212	42	33	35	0	92	10	0
Beaver Creek, Yukon	4	0	0	4	0	0	0	0
Bromont, Quebec	172	165	5	0	0	0	2	0
Buffalo Narrows, Saskatchewan	515	30	25	387	73	0	0	0
Burwash, Yukon	4	4	0	0	0	0	0	0
Cambridge Bay, Nunavut	258	0	0	84	4	52	84	34
Cape Dorset, Nunavut	77	0	1	14	1	20	41	0
Charlo, New Brunswick	50	8	2	16	0	4	4	16
Chesterfield Inlet, Nunavut	74	2	0	8	5	21	38	0
Chevery, Quebec	280	6	2	122	148	2	0	0
Chibougamau/Chapais, Quebec	375	47	71	115	30	105	7	0
Collingwood, Ontario	76	61	4	9	0	0	0	2
Comox, British Columbia	1,394	44	128	53	483	314	91	281
Coral Harbour, Nunavut	142	0	0	28	16	2	96	0
Dauphin, Manitoba	172	43	4	106	7	10	0	2
Dawson, Yukon	233	132	2	6	4	0	89	0
Dawson Creek, British Columbia	357	73	0	39	149	46	50	0
Déline, Northwest Territories	164	6	40	52	37	0	29	0
Digby, Nova Scotia	30	26	4	0	0	0	0	0
Drummondville, Quebec	95	74	15	6	0	0	0	0
Dryden Regional, Ontario	609	137	50	418	2	0	2	0
Eastmain River, Quebec	23	0	0	5	0	18	0	0
Elliot Lake Municipal, Ontario	201	10	62	121	0	8	0	0
Eureka, Nunavut	2	0	0	0	0	0	2	0
Faro, Yukon	57	47	6	4	0	0	0	0
Flin Flon, Manitoba	403	0	45	250	4	101	2	1
Fort Frances Municipal, Ontario	369	15	76	278	0	0	0	0
Fort Good Hope, Northwest Territories	129	31	18	62	0	0	18	0
Fort McPherson, Northwest Territories	76	0	0	10	0	0	66	0
Fort Resolution, Northwest Territories	15	0	3	4	0	0	8	0
Fort Simpson, Northwest Territories	211	56	79	26	2	4	44	0
Gamëti/Rae Lakes, Northwest Territories	99	1	38	52	0	0	8	0
Gaspé, Quebec	301	9	10	31	2	222	27	0
Geraldton, Ontario	95	10	9	74	2	0	0	0
Gillam, Manitoba	210	0	84	22	0	70	34	0
Gjoa Haven, Nunavut	114	0	0	21	0	38	45	10
Goose Bay, Newfoundland and Labrador	2,120	179	109	780	277	508	191	76
Havre St-Pierre, Quebec	263	50	57	59	53	20	24	0
Hay River, Northwest Territories	371	0	14	62	104	85	106	0
Hearst/René Fontaine Municipal, Ontario	35	1	0	34	0	0	0	0
Igloolik, Nunavut	110	0	0	15	3	51	37	4
Inukjuak, Quebec	250	.	..	..	.	.	.	0
Island Lake, Manitoba	1,380	638	23	545	18	117	39	0
Ivujivik, Quebec	52	.	..	..	.	.	.	0
Kangiqtualujuaq, Quebec	123	.	..	..	.	.	.	0
Kangiqtujuaq, Quebec	62	.	..	..	.	.	.	0
Kangirsuk, Quebec	140	.	..	..	.	.	.	0
Kapuskasing, Ontario	288	0	34	232	16	0	6	0
Kugaaruk, Nunavut	53	0	0	10	0	18	23	2
Kugluktuk, Nunavut	207	0	0	36	2	65	86	18
Kuujuarapik, Quebec	530	12	0	306	0	52	156	4
Lourdes-de-Blanc-Sablon, Quebec	403	1	19	138	117	124	4	0
Lutselk'e, Northwest Territories	127	4	87	30	0	4	2	0
Mayo, Yukon	49	19	8	12	0	0	10	0
Miramichi, New Brunswick	256	136	74	18	2	22	0	4
Moosonee, Ontario	2,601	1,554	140	600	110	134	63	0
Muskoka, Ontario	307	146	54	74	17	11	5	0
Nakina, Ontario	506	42	304	131	29	0	0	0
Nanisivik, Nunavut	47	0	0	4	2	0	41	0
Natashquan, Quebec	213	39	10	86	71	7	0	0

Table 2-3 – continued

## Itinerant movements by aircraft weight groups

	Total itinerant movements	Gross take-off weight in kilograms						
		2 000 and under	2 001 to 4 000	4 001 to 5 670	5 671 to 9 000	9 001 to 18 000	18 001 to 35 000	35 001 and over
		number						
Norway House, Manitoba	393	7	23	317	46	0	0	0
Old Crow, Yukon	151	0	0	4	4	0	143	0
Pabok, Quebec	18	0	0	4	0	12	2	0
Pangnirtung, Nunavut	150	0	0	29	0	50	71	0
Paulatuk, Northwest Territories	52	0	0	52	0	0	0	0
Peterborough, Ontario	263	191	19	24	15	6	6	2
Pickle Lake, Ontario	1,499	85	619	192	120	0	483	0
Pond Inlet, Nunavut	69	0	1	17	1	48	1	1
Port-Menier, Quebec	119	4	59	22	26	0	4	4
Prince Rupert/Digby Island, British Columbia	24	0	24	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	822	73	731	13	0	5	0	0
Puvirnituq, Quebec	422	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	59	0	0	9	0	17	33	0
Quaqtaq, Quebec	87	.	..	..	.	.	.	.
Quesnel, British Columbia	255	76	2	4	171	0	2	0
Red Lake, Ontario	2,081	203	805	519	286	13	253	2
Resolute Bay, Nunavut	81	0	0	26	0	0	43	12
Rimouski, Quebec	117	34	48	35	0	0	0	0
Roberval, Quebec	72	25	0	39	4	2	2	0
Salluit, Quebec	141	.	..	..	.	.	.	.
Sandspit, British Columbia	147	24	17	26	12	60	6	2
Sanikiluaq, Nunavut	137	0	0	79	8	2	48	0
Sherbrooke, Quebec	50	26	4	10	4	6	0	0
St. Anthony, Newfoundland and Labrador	247	4	2	39	57	121	24	0
St-Augustin, Quebec	103	4	4	46	46	0	3	0
St. Theresa Point, Manitoba	1,396	926	11	274	8	131	46	0
Stephenville, Newfoundland and Labrador	135	0	4	10	10	73	26	12
Stony Rapids, Saskatchewan	745	21	181	318	134	86	3	2
Sydney, Nova Scotia	521	19	53	34	70	319	16	10
Taloyoak, Nunavut	81	0	0	8	0	38	32	3
Tasiujaq, Quebec	95	.	..	..	.	.	.	.
Teslin, Yukon	50	50	0	0	0	0	0	0
The Pas, Manitoba	270	12	51	105	8	89	5	0
Tillsonburg, Ontario	103	..	..	..	..	..	..	..
Tofino, British Columbia	242	103	87	24	20	2	2	4
Trois-Rivières, Quebec	348	266	47	0	8	5	10	12
Tuktoyaktuk, Northwest Territories	182	2	0	180	0	0	0	0
Tulita, Northwest Territories	146	38	44	40	0	2	22	0
Umiujaq, Quebec	162	.	..	..	.	.	.	.
Waskaganish, Quebec	130	4	6	2	6	112	0	0
Watson Lake, Yukon	70	18	0	14	38	0	0	0
Welland/Niagara Central, Ontario	22	18	2	0	0	0	2	0
Wemindji, Quebec	74	0	2	10	4	58	0	0
Whale Cove, Nunavut	110	0	0	25	4	52	29	0
Yorkton Municipal, Saskatchewan	229	99	47	73	10	0	0	0
<b>Total (112)</b>	<b>32,192</b>	<b>6,413</b>	<b>4,721</b>	<b>8,558</b>	<b>3,011</b>	<b>4,000</b>	<b>3,177</b>	<b>520</b>

**Table 3**  
**Local movements by type of operation**

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	27	27	0
Baie-Comeau, Quebec	16	16	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	516	516	0
Buffalo Narrows, Saskatchewan	16	16	0
Cambridge Bay, Nunavut	2	2	0
Chibougamau/Chapais, Quebec	10	10	0
Collingwood, Ontario	40	40	0
Dauphin, Manitoba	4	4	0
Dawson Creek, British Columbia	10	10	0
Digby, Nova Scotia	42	42	0
Drummondville, Quebec	102	102	0
Dryden Regional, Ontario	36	36	0
Elliot Lake Municipal, Ontario	184	184	0
Guelph, Ontario	634	634	0
Kapuskasing, Ontario	48	48	0
Muskoka, Ontario	42	42	0
Nakina, Ontario	4	4	0
Nanisivik, Nunavut	1	1	0
Peterborough, Ontario	1,532	1,532	0
Pickle Lake, Ontario	52	52	0
Prince Rupert/Seal Cove, British Columbia	2	2	0
Puvirnituq, Quebec	4	.	.
Quesnel, British Columbia	96	96	0
Red Lake, Ontario	157	157	0
Roberval, Quebec	34	34	0
Sandspit, British Columbia	12	12	0
Sherbrooke, Quebec	102	102	0
Sydney, Nova Scotia	14	12	2
Tillsonburg, Ontario	225	..	..
Tofino, British Columbia	8	8	0
Trois-Rivières, Quebec	146	146	0
Waskaganish, Quebec	10	10	0
Welland/Niagara Central, Ontario	1,268	1,268	0
Yorkton Municipal, Saskatchewan	192	188	4
<b>Total (34)</b>	<b>5,588</b>	<b>5,353</b>	<b>6</b>

# Methodology

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## Airports without air traffic control towers

### Survey universe

The statistics in this publication reflect the number of aircraft movements reported to the Aviation Statistics Centre (ASC) by airport and carrier personnel, members of flying clubs and employees of various levels of government at airports without control towers across Canada. There are approximately 6,000 aerodromes in Canada, including land (runways and/or heliports) and water facilities. Of these, approximately 1,300 are airports operating under licences issued by Transport Canada (including those listed in 51-007-X and most of those listed in this publication). Criteria for inclusion in this publication are the size and scope of operation and the importance in establishing regional traffic patterns.

### Coverage

The statistics appearing in this publication were compiled in most cases from daily air traffic records received by the ASC. The data for 19 of Manitoba's airports are submitted by the Department of Highways and Transportation of the Manitoba Government on the Manitoba airport activity summary (See Factors influencing the data in Appendix I).

The daily air traffic records (Form 06-0065) are designed to capture three data items for each aircraft arrival and/or departure for itinerant movements, and two items for local movements. Section A of the record dealing with itinerant movements reports the following information for each movement:

- (a) the aircraft registration or air carrier code and flight number;
- (b) the aircraft type;
- (c) the last station before landing at the reporting airport or the next station after take-off.

Section B of the record provides for the reporting of the number of local civil and local military movements for each day.

Due to revisions, the sum of totals released in this report may not equal the annual totals published in Aircraft Movement Statistics: Airports Without Air Traffic Control Towers: Annual Report (TP 577) - 51-210-X.

The daily air traffic records are completed on a daily basis and mailed to ASC where they are registered and manually edited for clarity and reliability. Survey respondents are contacted by telephone to follow-up for non-response.

The Aviation Statistics Centre maintains a data base of parameter files of current information on all registered aircraft. Other parameter file information includes registered aircraft identifications and their corresponding aircraft types, gross take-off weights, types of power plant (piston, jet or turboprop); whether the aircraft are fixed wing, helicopters or gliders. This information also provides a basis for identifying type of flight (commercial, private and government) and the geographical area in which the flight takes place. The storage of this information allows for a reduction in the reporting burden of the survey respondents and limits the element of human error associated with the preparation of source documents.

## Data quality and limitations

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Although every effort is made to ensure the quality of the data, the statistics relative to airports where there is no air traffic control tower or flight service station should be used with due consideration for their limitations.

The validity of the source data reported is controlled through the use of computerized edit programs. Identified errors originating with the source documents or with data transmission are manually corrected by ASC editing staff.

To help respondents maintain a high level of accuracy in reporting, the Aviation Statistics Centre issues instructions explaining the various concepts of the required source data and the method of completing the forms. Respondents are also furnished with an "Air traffic designators" handbook (TP 143) showing the official Transport Canada aircraft type designators and the designators of various domestic and international air carriers. This handbook and another titled "Canada Flight Supplement" listing various airport codes, serve as reference to ensure the reporting of the proper aircraft identity and the last stop or next stop of flights at reporting airports.

At airports without towers or flight service stations, survey respondents, in performing their various assignments, are not always aware of all aircraft movements at their airport. For example, at small airports the airport manager may be responsible for both the administration and maintenance of the station facilities. At some airports the Daily air traffic records are filed by flying club managers who may not be completely familiar with other activities at other areas of the airport.

At airports with flying school operations it is sometimes difficult to record each individual local aircraft movement. In such cases, ASC would advise the airport manager to report local movements based on hours expended in flying training operations. Observations have shown that, on average, six circuits can be made during each hour of flying training. Therefore, 12 local aircraft movements would be counted for each hour of flying training. At stations where the circuits demand a different norm, the respondent will make corrections accordingly.

# Appendix I

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## Factors influencing the data

1. Aggregate data only are available for the 19 airports reported by the Manitoba Department of Highways and Transportation listed below.

Berens River	Pikwitonei
Bloodvein River	Poplar River
Brochet	Pukatawagan
Cross Lake	Red Sucker Lake
Gods Lake Narrows	Shamattawa
Gods River	South Indian Lake
Ilford	Tadoule Lake
Lac Brochet	Thicket Portage
Little Grand Rapids	York Landing
Oxford House	

2. Aggregate data only are available for the 12 airports reported by the Kativik Regional Government in Quebec listed below.

Akulivik	Kangirsuk
Aupaluk	Puvirnitug
Inukjuak	Quaqtaq
Ivujivik	Salluit
Kangiqsualujjuaq	Tasiujaq
Kangiqsujuaq	Umiujaq

3. Aggregate data only are available for Tillsonburg, Ontario.

4. When comparing monthly data for current year versus previous year, please note that:

a) data for the following airports were included in the report for December, 2009 but were not available in December, 2010:

- Clyde River, Nunavut
- Fort Liard, Northwest Territories
- Fort Smith, Northwest Territories
- Hall Beach, Nunavut
- Kimmirut, Nunavut
- Repulse Bay, Nunavut
- Sachs Harbour, Northwest Territories
- Ulukhakot/Holman, Northwest Territories
- Wrigley, Northwest Territories

b) data for the following airports are included in December, 2010 but not in December, 2009:

- Collingwood, Ontario
- Déline, Northwest Territories
- Eastmain River, Quebec
- Miramichi, New Brunswick
- Port-Menier, Quebec



## Appendix II

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### Glossary of terms

#### Air carrier

Aircraft operators, licensed by the Canadian Transportation Agency to transport persons, mail and/or goods by air.

**Level I-III air carriers:** Canadian air carriers that, in the calendar year immediately preceding the report year, realized annual gross revenues of \$2,000,000 or more for the air services for which the air carrier held a licence. Also includes foreign air carriers.

**Level IV-VI air carriers:** Canadian air carriers that, in the calendar year immediately preceding the report year, realized annual gross revenues of less than \$2,000,000 for the air services for which the air carrier held a licence. Between 2000 and 2009, levels IV and VI were not applicable.

#### Aircraft movement

A take off, a landing, or a simulated approach by an aircraft. ATC Manops amendment 8-8-83. NC-703.

#### Class of operation

Aircraft movements are classified as either "Itinerant" or "Local".

#### Commercial

Flights by aircraft operators licensed by the Canadian Transportation Agency to perform commercial air services. Commercial operations are divided into two categories: **Air carrier** and **Other commercial**.

#### Domestic itinerant movements

Movements, at a Canadian airport, of aircraft departing to or arriving from another point in Canada.

#### FSS

Flight service station.

#### Government – Civil

Aircraft owned by federal, provincial and municipal bodies as well as foreign states, but excluding those owned by crown corporations, boards and commissions. Such aircraft are coded "3" under "Purpose" in the Canadian civil aircraft register.

#### Government – Military

Aircraft of any branch of the armed forces of any nation.

## Gross take-off weight

The maximum weight for which the aircraft is licensed to operate. For operational purposes, all weights are rounded upwards to the next 1,000 kilograms. Thus 3,200 kilograms becomes 4,000 kilograms.

## I.F.R. flight

A flight conducted in accordance with Instrument flight rules.

## International movements

Movements, at a Canadian airport, of aircraft arriving from or departing to a point outside Canada. International movements are subclassified into "transborder" (to or from a point in the United States including Alaska, Hawaii, and Puerto Rico), and "other international" (to or from points in countries other than Canada and the United States). Since aircraft movements are reported on the basis of place "arrived from" or "departed to", an arrival at Halifax airport from London, England would appear under "other international". If the same aircraft moved on to Toronto, both the departure at Halifax and the arrival at Toronto would be shown as "domestic".

## Itinerant movements

At airports **with** control towers and/or flight service stations: for the purpose of completing air traffic records, itinerant movements are considered as movements in which aircraft proceed to or arrive from another location; or where aircraft leave the circuit but return without landing at another airport. At airports without control towers: an aircraft movement in which the aircraft arrives from or departs to a point other than the reporting airport; or a movement by an aircraft that leaves the close proximity of an airport and returns without landing at another airport.

## Local movements

At airports **with** control towers and/or flight service stations: for the purpose of completing air traffic records, local movements are considered as movements in which the aircraft remains in the circuit. At airports **without** control towers: an aircraft movement in which the aircraft remains in the close proximity of the airport. Local movements are often carried out during training flights (touch-and-go), equipment tests etc.

## Other commercial

Flights performed by Commercial aircraft operators not included in the Air carrier categories. Flying schools, agricultural sprayers, water-bombers, aerial photography and survey, etc.

## Power plant

The source of propulsion. For example, piston engines, turbo-propellers and jet engines. "Helicopters", in this report, include both piston and turboshaft-driven engines.

## Private aircraft

Aircraft used solely for private purposes, not for hire and compensation, which are classified as "Private" or "Private Restricted" in the Canadian civil aircraft register or similar registries of other countries. Owners include individuals, groups and business firms.

## **Runway 88**

Through control zone flights, i.e. flights which communicate with the tower while transiting the tower control zone to another destination without landing at the reporting airport. Data for these runways are not included in the grand total.

## **Simulated approaches**

Movements that are either missed instrument or practice instrument approaches without landing.

## **TC**

Transport Canada

## **Tower control zone**

A controlled airspace within the proximity of an air traffic control tower, usually within a radius of less than 24 kilometres of the tower.

## **V.F.R. flight**

A flight conducted in accordance with Visual flight rules.

## **Weight group**

The classification of weight classes in groups for statistical purposes.