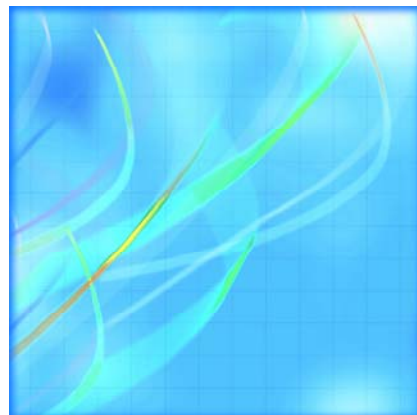


Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



April 2012



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

April 2012

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- . 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^s 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
- * significantly different from reference category ($p < 0.05$)

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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**, Director, Transportation Division and **Norah Hillary**, Chief, Aviation Statistics Centre. **Kathie Davidson**, **Rose Krakower**, **Conrad Ogrodnik**, **John Scolli** and **Bev Pomfret** contributed to the preparation of this publication.

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Highlights

Moosonee, Ontario the most active site in April 2012 recorded 5,162 itinerant movements. This represented 11.9% of the total itinerant movements registered by 108 airports without air traffic control towers.

Peterborough, Ontario (2,518 movements) and Welland/Niagara Central, Ontario (1,190 movements) recorded the greatest number of local movements in April 2012.

Text table 1

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

	April 2011	April 2012	Percentage change, April 2011 to April 2012	Year-to-date total		Percentage change 2011 to 2012
				2011	2012	
	number		percent	number		percent
Total	55,218	56,636	2.6	182,717	185,375	1.5
Itinerant movements						
Carrier	32,938	32,607	-1.0	109,075	110,642	1.4
Other commercial	882	1,411	60.0	3,258	4,210	29.2
Private	3,774	4,476	18.6	10,527	13,178	25.2
Government						
Civil	1,344	1,454	8.2	4,870	5,252	7.8
Military	1,594	1,114	-30.1	3,788	3,631	-4.1
Total	43,115	43,362	0.6	141,622	146,079	3.1
Local movements						
Civil	8,830	10,104	14.4	29,640	28,328	-4.4
Military	30	66	120.0	111	287	158.6
Total	9,524	10,642	11.7	31,632	30,219	-4.5
Number of airports in the survey	137	127	...	137	127	...

Analysis

In April 2012, the number of take-offs and landings at the 127 airports without air traffic control towers reached 56,636 movements. Moosonee, Ontario (5,280 movements) and Peterborough, Ontario (3,182 movements) were the most active sites. Of the 125 airports for which year-over-year comparisons were possible, increases were reported by 63 of these airports.

There were 43,362 itinerant movements (flights from one airport to another) recorded by 108 airports without air traffic control towers in April 2012. Moosonee, Ontario (5,162 movements) and Goose Bay, Newfoundland and Labrador (2,490 movements) recorded the greatest number of itinerant movements.

Forty-four airports without air traffic control towers reported 10,642 local movements (flights that remain in the vicinity of the airport) in April 2012. Peterborough, Ontario, the most active site, recorded 2,518 take-offs and landings. This represented 23.7% of the total local movements reported.

Related products

Selected publications from Statistics Canada

51-007-X	Aircraft Movement Statistics: NAV CANADA Towers and Flight Service Stations (TP 141)
51-203-X	Air Carrier Traffic at Canadian Airports
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)

Selected CANSIM tables from Statistics Canada

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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401-0037	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

2715	Aircraft Movement Statistics
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Selected summary tables from Statistics Canada

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

Statistical tables

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	.	149	149	0
Amos Municipal, Quebec	30	743	131	612
Arctic Bay, Nunavut	18	57	57	0
Arviat, Nunavut	28	241	241	0
Aupaluk, Quebec	.	88	86	2
Baie-Comeau, Quebec	29	1,022	1,014	8
Barrie-Orillia-Lake Simcoe Regional, Ontario	30	1,719	577	1,142
Bathurst, New Brunswick	29	252	252	0
Beaver Creek, Yukon	5	8	8	0
Berens River, Manitoba	..	198	..	..
Bloodvein River, Manitoba	..	280	..	..
Brochet, Manitoba	..	96	..	..
Bromont, Quebec	27	418	418	0
Buffalo Narrows, Saskatchewan	28	694	662	32
Burwash, Yukon	1	4	4	0
Cambridge Bay, Nunavut	30	382	380	2
Cape Dorset, Nunavut	16	77	77	0
Charlo, New Brunswick	27	336	336	0
Chesterfield Inlet, Nunavut	28	148	148	0
Chevery, Quebec	23	244	244	0
Chibougamau/Chapais, Quebec	30	566	542	24
Collingwood, Ontario	25	893	715	178
Comox, British Columbia	30	1,655	1,655	0
Coral Harbour, Nunavut	29	216	215	1
Cross Lake, Manitoba	..	179	..	..
Dauphin, Manitoba	30	364	294	70
Dawson, Yukon	30	339	339	0
Dawson Creek, British Columbia	29	522	440	82
Déline, Northwest Territories	24	140	140	0
Digby, Nova Scotia	21	98	65	33
Drummondville, Quebec	28	633	333	300
Dryden Regional, Ontario	30	1,581	1,127	454
Eastmain River, Quebec	17	92	69	23
Elliot Lake Municipal, Ontario	30	443	363	80
Eureka, Nunavut	21	83	83	0
Faro, Yukon	10	20	20	0
Flin Flon, Manitoba	30	460	456	4
Fort Liard, Northwest Territories	11	36	36	0
Fort Resolution, Northwest Territories	7	19	19	0
Fort Simpson, Northwest Territories	29	231	231	0
Gamèti/Rae Lakes, Northwest Territories	26	91	91	0
Gaspé, Quebec	30	314	314	0
Geraldton, Ontario	26	143	127	16
Gillam, Manitoba	29	266	266	0
Gjoa Haven, Nunavut	27	105	105	0
Gods Lake Narrows, Manitoba	..	100	..	..
Gods River, Manitoba	..	122	..	..
Goose Bay, Newfoundland and Labrador	30	2,490	2,490	0
Grise Fiord, Nunavut	6	19	19	0
Hall Beach, Nunavut	29	182	182	0
Havre St-Pierre, Quebec	27	326	326	0
Hay River, Northwest Territories	30	533	521	12
Hearst/René Fontaine Municipal, Ontario	19	52	52	0
Igloolik, Nunavut	29	147	147	0
Ilford, Manitoba	..	36	..	..
Inukjuak, Quebec	.	244	244	0
Island Lake, Manitoba	30	1,547	1,531	16
Ivujivik, Quebec	.	120	120	0
Kangiqsualujuaq, Quebec	.	125	125	0
Kangirsuk, Quebec	.	241	194	47
Kapuskasing, Ontario	30	360	256	104
Kimirut, Nunavut	13	52	52	0
Kugaaruk, Nunavut	26	94	94	0
Kugluktuk, Nunavut	30	242	242	0
Kuujuarapik, Quebec	30	614	612	2
Lac Brochet, Manitoba	..	118	..	..
Little Grand Rapids, Manitoba	..	360	..	..
Lourdes-de-Blanc-Sablon, Quebec	30	428	404	24

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		
Lutselk'e, Northwest Territories	22	106	106	0
Mayo, Yukon	25	159	159	0
Miramichi, New Brunswick	27	378	378	0
Moosonee, Ontario	30	5,280	5,162	118
Muskoka, Ontario	30	1,768	924	844
Nakina, Ontario	29	421	415	6
Natashquan, Quebec	23	174	168	6
Norway House, Manitoba	30	394	394	0
Old Crow, Yukon	26	67	67	0
Oxford House, Manitoba	..	188	..	..
Pabok, Quebec	5	10	10	0
Pangnirtung, Nunavut	29	242	242	0
Peterborough, Ontario	30	3,182	664	2,518
Pickle Lake, Ontario	30	1,282	1,258	24
Pikwitonei, Manitoba	..	18	..	..
Pond Inlet, Nunavut	21	51	51	0
Poplar River, Manitoba	..	186	..	..
Port-Menier, Quebec	18	101	101	0
Prince Rupert/Digby Island, British Columbia	16	52	52	0
Prince Rupert/Seal Cove, British Columbia	30	902	902	0
Pukatawagan, Manitoba	..	142	..	..
Puvirnituq, Quebec	.	86	86	0
Qikiqtarjuaq, Nunavut	21	95	95	0
Quaqtaq, Quebec	.	123	123	0
Quesnel, British Columbia	30	484	410	74
Red Lake, Ontario	30	2,626	2,197	429
Red Sucker Lake, Manitoba	..	222	..	..
Repulse Bay, Nunavut	30	163	163	0
Resolute Bay, Nunavut	30	440	440	0
Rimouski, Quebec	26	310	280	30
Roberval, Quebec	29	363	317	46
Salluit, Quebec	.	146	146	0
Sandspit, British Columbia	30	264	202	62
Shamattawa, Manitoba	..	230	..	..
Sherbrooke, Quebec	27	915	263	652
South Indian Lake, Manitoba	..	52	..	..
St. Anthony, Newfoundland and Labrador	30	288	288	0
St-Augustin, Quebec	15	284	284	0
St. Theresa Point, Manitoba	30	2,155	2,155	0
Stephenville, Newfoundland and Labrador	28	126	126	0
Stony Rapids, Saskatchewan	30	912	912	0
Sydney, Nova Scotia	30	473	469	4
Tadoule Lake, Manitoba	..	47	..	..
Taloyoak, Nunavut	28	124	124	0
Tasiujaq, Quebec	.	87	87	0
Teslin, Yukon	1	1	1	0
The Pas, Manitoba	30	285	285	0
Thicket Portage, Manitoba	..	8	..	..
Tillsonburg, Ontario	..	739	324	415
Tofino, British Columbia	30	299	261	38
Trois-Rivières, Quebec	28	876	600	276
Umiujaq, Quebec	.	183	175	8
Waskaganish, Quebec	19	413	163	250
Watson Lake, Yukon	27	153	153	0
Welland/Niagara Central, Ontario	26	1,261	71	1,190
Wemindji, Quebec	20	117	117	0
Whale Cove, Nunavut	24	134	134	0
York Landing, Manitoba	..	50	..	..
Yorkton Municipal, Saskatchewan	27	802	418	384
Total (127)	30	56,636	43,362	10,642

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	149	.	.	.	.	.	.	.	.
Amos Municipal, Quebec	131	50	0	69	0	0	0	12	0
Arctic Bay, Nunavut	57	53	0	0	1	0	0	0	3
Arviat, Nunavut	241	231	0	2	0	0	0	8	0
Aupaluk, Quebec	86	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	1,014	774	49	126	0	0	0	55	10
Barrie-Orillia-Lake Simcoe Regional, Ontario	577	194	19	273	1	0	14	68	8
Bathurst, New Brunswick	252	204	2	19	7	10	6	4	0
Beaver Creek, Yukon	8	4	0	0	2	0	0	2	0
Bromont, Quebec	418	35	92	267	3	0	14	4	3
Buffalo Narrows, Saskatchewan	662	592	26	18	0	0	0	26	0
Burwash, Yukon	4	0	0	2	0	0	2	0	0
Cambridge Bay, Nunavut	380	363	0	5	0	0	0	0	12
Cape Dorset, Nunavut	77	70	0	2	0	0	0	5	0
Charlo, New Brunswick	336	28	273	29	0	0	0	6	0
Chesterfield Inlet, Nunavut	148	148	0	0	0	0	0	0	0
Chevery, Quebec	244	218	24	2	0	0	0	0	0
Chibougamau/Chapais, Quebec	542	430	64	33	0	0	0	15	0
Collingwood, Ontario	715	65	52	585	0	0	0	6	7
Comox, British Columbia	1,655	1,020	2	9	8	2	2	30	582
Coral Harbour, Nunavut	215	210	0	3	0	0	0	2	0
Dauphin, Manitoba	294	110	46	53	0	0	2	67	16
Dawson, Yukon	339	256	7	71	0	0	0	3	2
Dawson Creek, British Columbia	440	298	13	121	0	0	0	8	0
Déline, Northwest Territories	140	134	0	0	0	0	0	6	0
Digby, Nova Scotia	65	20	0	40	0	0	1	4	0
Drummondville, Quebec	333	50	48	223	2	0	0	2	8
Dryden Regional, Ontario	1,127	719	77	53	1	0	0	215	62
Eastmain River, Quebec	69	68	0	0	0	0	0	0	1
Elliot Lake Municipal, Ontario	363	198	104	29	1	0	0	29	2
Eureka, Nunavut	83	30	0	0	23	0	2	0	28
Faro, Yukon	20	18	0	0	0	0	0	2	0
Flin Flon, Manitoba	456	416	0	26	0	0	0	14	0
Fort Liard, Northwest Territories	36	34	1	1	0	0	0	0	0
Fort Resolution, Northwest Territories	19	17	0	0	0	0	0	2	0
Fort Simpson, Northwest Territories	231	225	0	2	0	0	0	4	0
Gamëti/Rae Lakes, Northwest Territories	91	89	0	0	0	0	0	2	0
Gaspé, Quebec	314	257	6	12	0	0	0	39	0
Geraldton, Ontario	127	103	4	12	0	0	0	6	2
Gillam, Manitoba	266	254	0	4	0	0	0	8	0
Gjoa Haven, Nunavut	105	100	0	3	0	0	0	2	0
Goose Bay, Newfoundland and Labrador	2,490	1,977	18	49	102	31	141	78	94
Grise Fiord, Nunavut	19	17	0	0	0	0	0	0	2
Hall Beach, Nunavut	182	181	0	1	0	0	0	0	0
Havre St-Pierre, Quebec	326	277	4	16	0	0	0	27	2
Hay River, Northwest Territories	521	474	0	41	0	0	0	6	0
Hearst/René Fontaine Municipal, Ontario	52	46	0	6	0	0	0	0	0
Igloodik, Nunavut	147	136	3	6	2	0	0	0	0
Inukjuak, Quebec	244	.	.	.	.	.	.	.	.
Island Lake, Manitoba	1,531	1,501	0	4	0	0	0	26	0
Ivujivik, Quebec	120	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	125	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	194	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	256	243	5	6	0	0	0	2	0
Kimirut, Nunavut	52	50	0	0	0	0	0	2	0
Kugaaruk, Nunavut	94	92	0	0	0	0	0	0	2
Kugluktuk, Nunavut	242	237	0	2	1	0	0	2	0
Kuujuarapik, Quebec	612	612	0	0	0	0	0	0	0
Lourdes-de-Blanc-Sablon, Quebec	404	378	3	4	0	0	0	19	0
Lutselk'e, Northwest Territories	106	105	0	1	0	0	0	0	0
Mayo, Yukon	159	136	0	21	0	0	0	2	0
Miramichi, New Brunswick	378	247	6	115	0	0	1	6	3
Moosonee, Ontario	5,162	5,102	19	19	0	0	0	22	0
Muskoka, Ontario	924	364	89	307	2	0	7	150	5
Nakina, Ontario	415	408	0	6	0	0	0	1	0
Natashquan, Quebec	168	159	0	9	0	0	0	0	0
Norway House, Manitoba	394	338	8	21	0	0	0	27	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							
Old Crow, Yukon	67	61	0	4	2	0	0	0	0
Pabok, Quebec	10	0	0	0	0	0	0	10	0
Pangnirtung, Nunavut	242	238	2	0	0	0	0	2	0
Peterborough, Ontario	664	170	74	380	0	0	0	14	26
Pickle Lake, Ontario	1,258	1,180	58	8	0	0	0	12	0
Pond Inlet, Nunavut	51	50	1	0	0	0	0	0	0
Port-Menier, Quebec	101	101	0	0	0	0	0	0	0
Prince Rupert/Digby Island, British Columbia	52	52	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	902	770	0	42	0	0	18	72	0
Puvirnituq, Quebec	86	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	95	92	2	0	0	0	1	0	0
Quaqtaq, Quebec	123	.	.	.	.	.	.	.	.
Quesnel, British Columbia	410	231	16	161	0	0	2	0	0
Red Lake, Ontario	2,197	2,006	54	69	0	0	0	54	14
Repulse Bay, Nunavut	163	157	0	2	1	0	0	2	1
Resolute Bay, Nunavut	440	289	0	5	1	0	0	0	145
Rimouski, Quebec	280	82	16	168	0	0	0	14	0
Roberval, Quebec	317	183	38	88	0	0	0	6	2
Salluit, Quebec	146	.	.	.	.	.	.	.	.
Sandspit, British Columbia	202	191	2	1	0	0	0	8	0
Sherbrooke, Quebec	263	49	23	172	0	1	3	13	2
St. Anthony, Newfoundland and Labrador	288	254	0	6	0	0	0	24	4
St-Augustin, Quebec	284	281	2	1	0	0	0	0	0
St. Theresa Point, Manitoba	2,155	2,143	0	10	0	0	0	2	0
Stephenville, Newfoundland and Labrador	126	68	0	4	6	4	8	24	12
Stony Rapids, Saskatchewan	912	878	0	4	0	0	0	30	0
Sydney, Nova Scotia	469	404	0	24	0	0	0	23	18
Taloyoak, Nunavut	124	121	0	2	1	0	0	0	0
Tasiujaq, Quebec	87	.	.	.	.	.	.	.	.
Teslin, Yukon	1	0	0	1	0	0	0	0	0
The Pas, Manitoba	285	258	5	7	0	0	0	15	0
Tillsonburg, Ontario	324	..	..	..	..	..	..	..	..
Tofino, British Columbia	261	107	4	71	0	0	2	75	2
Trois-Rivières, Quebec	600	278	41	269	0	0	0	8	4
Umiujaq, Quebec	175	.	.	.	.	.	.	.	.
Waskaganish, Quebec	163	158	0	5	0	0	0	0	0
Watson Lake, Yukon	153	78	0	63	0	0	0	10	2
Welland/Niagara Central, Ontario	71	6	0	65	0	0	0	0	0
Wemindji, Quebec	117	117	0	0	0	0	0	0	0
Whale Cove, Nunavut	134	134	0	0	0	0	0	0	0
Yorkton Municipal, Saskatchewan	418	255	9	116	0	0	0	10	28
Total (108)	43,362	32,607	1,411	4,476	167	48	226	1,454	1,114

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Akulivik, Quebec	149	.	.	.	.	..
Amos Municipal, Quebec	131	12	37	76	6	0
Arctic Bay, Nunavut	57	0	57	0	0	0
Arviat, Nunavut	241	0	225	9	7	0
Aupaluk, Quebec	86	.	.	.	.	..
Baie-Comeau, Quebec	1,014	28	678	264	44	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	577	21	112	333	111	0
Bathurst, New Brunswick	252	0	206	44	2	0
Beaver Creek, Yukon	8	0	2	0	6	0
Bromont, Quebec	418	11	7	364	36	0
Buffalo Narrows, Saskatchewan	662	0	571	89	2	0
Burwash, Yukon	4	0	0	4	0	0
Cambridge Bay, Nunavut	380	80	267	3	30	0
Cape Dorset, Nunavut	77	0	74	0	3	0
Charlo, New Brunswick	336	2	48	279	6	1
Chesterfield Inlet, Nunavut	148	0	146	0	2	0
Chevery, Quebec	244	0	234	10	0	0
Chibougamau/Chapais, Quebec	542	19	453	24	46	0
Collingwood, Ontario	715	9	23	669	14	0
Comox, British Columbia	1,655	425	879	145	188	18
Coral Harbour, Nunavut	215	0	177	1	37	0
Dauphin, Manitoba	294	46	113	125	10	0
Dawson, Yukon	339	0	155	104	80	0
Dawson Creek, British Columbia	440	10	252	144	34	0
Déline, Northwest Territories	140	0	105	32	3	0
Digby, Nova Scotia	65	0	0	63	2	0
Drummondville, Quebec	333	0	4	269	58	2
Dryden Regional, Ontario	1,127	16	586	320	205	0
Eastmain River, Quebec	69	0	69	0	0	0
Elliot Lake Municipal, Ontario	363	2	186	132	43	0
Eureka, Nunavut	83	0	67	2	14	0
Faro, Yukon	20	0	7	0	13	0
Flin Flon, Manitoba	456	0	380	43	33	0
Fort Liard, Northwest Territories	36	0	8	15	13	0
Fort Resolution, Northwest Territories	19	0	12	7	0	0
Fort Simpson, Northwest Territories	231	0	140	79	12	0
Gamèti/Rae Lakes, Northwest Territories	91	0	89	2	0	0
Gaspé, Quebec	314	16	264	30	4	0
Geraldton, Ontario	127	0	95	12	20	0
Gillam, Manitoba	266	0	116	146	4	0
Gjoa Haven, Nunavut	105	6	95	2	2	0
Goose Bay, Newfoundland and Labrador	2,490	380	1,862	45	203	0
Grise Fiord, Nunavut	19	0	19	0	0	0
Hall Beach, Nunavut	182	0	116	0	65	1
Havre St-Pierre, Quebec	326	5	200	79	42	0
Hay River, Northwest Territories	521	0	322	195	4	0
Hearst/René Fontaine Municipal, Ontario	52	0	38	7	7	0
Igloodik, Nunavut	147	0	145	0	2	0
Inukjuak, Quebec	244	.	.	.	.	..
Island Lake, Manitoba	1,531	6	577	71	877	0
Ivujivik, Quebec	120	.	.	.	.	..
Kangiqsualujuaq, Quebec	125	.	.	.	.	..
Kangirsuk, Quebec	194	.	.	.	.	..
Kapuskasing, Ontario	256	6	240	0	10	0
Kimirut, Nunavut	52	0	52	0	0	0
Kugaaruk, Nunavut	94	2	82	10	0	0
Kugluktuk, Nunavut	242	105	129	4	2	2
Kuujuarapik, Quebec	612	0	594	0	18	0
Loures-de-Blanc-Sablon, Quebec	404	6	372	13	13	0
Lutselk'e, Northwest Territories	106	0	80	26	0	0
Mayo, Yukon	159	0	58	84	17	0
Miramichi, New Brunswick	378	116	143	112	7	0
Moosonee, Ontario	5,162	0	791	281	4,090	0
Muskoka, Ontario	924	13	161	586	164	0
Nakina, Ontario	415	0	387	12	16	0
Natashquan, Quebec	168	0	140	24	4	0
Norway House, Manitoba	394	2	349	43	0	0
Old Crow, Yukon	67	0	67	0	0	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Pabok, Quebec	10	0	10	0	0	0
Pangnirtung, Nunavut	242	0	219	2	21	0
Peterborough, Ontario	664	27	44	578	15	0
Pickle Lake, Ontario	1,258	0	1,157	18	83	0
Pond Inlet, Nunavut	51	0	50	1	0	0
Port-Menier, Quebec	101	0	41	60	0	0
Prince Rupert/Digby Island, British Columbia	52	0	0	52	0	0
Prince Rupert/Seal Cove, British Columbia	902	0	29	649	224	0
Puvirnituq, Quebec	86	.	.	.	.	..
Qikiqtarjuaq, Nunavut	95	0	95	0	0	0
Quaqtaq, Quebec	123	.	.	.	.	..
Quesnel, British Columbia	410	33	180	148	49	0
Red Lake, Ontario	2,197	0	1,447	565	185	0
Repulse Bay, Nunavut	163	0	161	0	2	0
Resolute Bay, Nunavut	440	4	343	16	77	0
Rimouski, Quebec	280	6	54	192	28	0
Roberval, Quebec	317	6	82	193	36	0
Salluit, Quebec	146	.	.	.	.	..
Sandspit, British Columbia	202	2	87	3	110	0
Sherbrooke, Quebec	263	4	8	228	23	0
St. Anthony, Newfoundland and Labrador	288	4	240	2	42	0
St-Augustin, Quebec	284	0	111	0	173	0
St. Theresa Point, Manitoba	2,155	2	289	78	1,786	0
Stephenville, Newfoundland and Labrador	126	24	66	12	24	0
Stony Rapids, Saskatchewan	912	0	567	126	219	0
Sydney, Nova Scotia	469	30	327	55	56	1
Taloyoak, Nunavut	124	0	124	0	0	0
Tasiujaq, Quebec	87	.	.	.	.	..
Teslin, Yukon	1	0	0	1	0	0
The Pas, Manitoba	285	10	203	68	4	0
Tillsonburg, Ontario	324	..	..	..	..	..
Tofino, British Columbia	261	8	15	155	83	0
Trois-Rivières, Quebec	600	21	17	484	78	0
Umiujaq, Quebec	175	.	.	.	.	..
Waskaganish, Quebec	163	0	158	4	1	0
Watson Lake, Yukon	153	4	63	51	35	0
Welland/Niagara Central, Ontario	71	2	0	69	0	0
Wemindji, Quebec	117	0	108	1	8	0
Whale Cove, Nunavut	134	0	134	0	0	0
Yorkton Municipal, Saskatchewan	418	8	108	244	58	0
Total (108)	43,362	1,539	20,400	9,488	10,051	25

Table 2-3
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						
Akulivik, Quebec	149	.	..	..	.	.	.	.
Amos Municipal, Quebec	131	80	2	37	0	0	12	0
Arctic Bay, Nunavut	57	0	0	10	4	43	0	0
Arviat, Nunavut	241	6	10	12	0	87	126	0
Aupaluk, Quebec	86	.	..	..	.	.	.	.
Baie-Comeau, Quebec	1,014	136	187	310	130	143	106	2
Barrie-Orillia-Lake Simcoe Regional, Ontario	577	355	68	125	15	10	4	0
Bathurst, New Brunswick	252	28	57	49	8	98	12	0
Beaver Creek, Yukon	8	4	0	4	0	0	0	0
Bromont, Quebec	418	376	24	6	1	9	2	0
Buffalo Narrows, Saskatchewan	662	67	24	373	198	0	0	0
Burwash, Yukon	4	4	0	0	0	0	0	0
Cambridge Bay, Nunavut	380	3	0	126	41	38	106	66
Cape Dorset, Nunavut	77	3	0	14	2	57	1	0
Charlo, New Brunswick	336	284	2	48	0	2	0	0
Chesterfield Inlet, Nunavut	148	0	2	0	2	23	121	0
Chevery, Quebec	244	2	8	102	132	0	0	0
Chibougamau/Chapais, Quebec	542	54	82	173	42	135	54	2
Collingwood, Ontario	715	646	46	16	7	0	0	0
Comox, British Columbia	1,655	100	299	87	514	299	109	247
Coral Harbour, Nunavut	215	38	0	15	3	147	12	0
Dauphin, Manitoba	294	127	8	107	44	8	0	0
Dawson, Yukon	339	168	23	45	0	0	103	0
Dawson Creek, British Columbia	440	176	5	38	120	67	34	0
Déline, Northwest Territories	140	15	57	18	30	0	20	0
Digby, Nova Scotia	65	35	28	0	0	2	0	0
Drummondville, Quebec	333	299	24	10	0	0	0	0
Dryden Regional, Ontario	1,127	285	227	441	12	52	110	0
Eastmain River, Quebec	69	0	0	5	14	50	0	0
Elliot Lake Municipal, Ontario	363	134	28	166	9	10	14	2
Eureka, Nunavut	83	16	0	43	2	6	0	16
Faro, Yukon	20	13	2	4	1	0	0	0
Flin Flon, Manitoba	456	53	35	263	1	87	17	0
Fort Liard, Northwest Territories	36	24	4	7	0	1	0	0
Fort Resolution, Northwest Territories	19	2	5	6	0	0	6	0
Fort Simpson, Northwest Territories	231	85	58	27	42	8	11	0
Gamëti/Rae Lakes, Northwest Territories	91	0	50	35	0	0	6	0
Gaspé, Quebec	314	8	26	12	0	251	17	0
Geraldton, Ontario	127	22	13	56	0	2	32	2
Gillam, Manitoba	266	28	122	24	0	92	0	0
Gjoa Haven, Nunavut	105	0	0	11	10	45	39	0
Goose Bay, Newfoundland and Labrador	2,490	136	98	912	501	421	338	84
Grise Fiord, Nunavut	19	0	0	19	0	0	0	0
Hall Beach, Nunavut	182	1	24	47	0	86	24	0
Havre St-Pierre, Quebec	326	48	71	84	32	22	69	0
Hay River, Northwest Territories	521	81	12	98	112	100	105	13
Hearst/René Fontaine Municipal, Ontario	52	7	5	40	0	0	0	0
Igloolik, Nunavut	147	2	0	40	0	52	53	0
Inukjuak, Quebec	244	.	..	..	.	.	.	.
Island Lake, Manitoba	1,531	930	22	391	11	141	36	0
Ivujivik, Quebec	120	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	125	.	..	..	.	.	.	.
Kangirsuk, Quebec	194	.	..	..	.	.	.	.
Kapuskasing, Ontario	256	6	2	208	2	8	28	2
Kimirut, Nunavut	52	0	0	52	0	0	0	0
Kugaaruk, Nunavut	94	4	0	21	6	33	29	1
Kugluktuk, Nunavut	242	2	4	21	2	26	84	103
Kuujuarapik, Quebec	612	18	40	295	2	82	175	0
Lourdes-de-Blanc-Sablon, Quebec	404	2	24	162	99	109	8	0
Lutsel'k'e, Northwest Territories	106	1	72	27	0	0	6	0
Mayo, Yukon	159	37	64	50	0	0	8	0
Miramichi, New Brunswick	378	77	112	36	31	114	8	0
Moosonee, Ontario	5,162	4,195	100	578	121	119	49	0
Muskoka, Ontario	924	593	153	113	49	6	9	1
Nakina, Ontario	415	12	292	73	38	0	0	0
Natashquan, Quebec	168	9	20	78	61	0	0	0
Norway House, Manitoba	394	26	17	297	54	0	0	0

Table 2-3 – continued

Itinerant movements by aircraft weight groups

	Total itinerant movements	Gross take-off weight in kilograms						number
		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
Old Crow, Yukon	67	0	0	8	2	0	55	2
Pabok, Quebec	10	0	0	0	0	10	0	0
Pangnirtung, Nunavut	242	21	0	49	0	71	99	2
Peterborough, Ontario	664	545	40	28	23	10	2	16
Pickle Lake, Ontario	1,258	72	618	123	222	0	223	0
Pond Inlet, Nunavut	51	0	0	14	4	18	15	0
Port-Menier, Quebec	101	0	60	41	0	0	0	0
Prince Rupert/Digby Island, British Columbia	52	0	52	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	902	152	664	84	0	2	0	0
Puvirnituq, Quebec	86	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	95	0	0	29	2	21	43	0
Quaqtaq, Quebec	123	.	..	..	.	.	.	.
Quesnel, British Columbia	410	190	7	2	211	0	0	0
Red Lake, Ontario	2,197	474	806	520	254	9	128	6
Repulse Bay, Nunavut	163	0	2	24	4	72	61	0
Resolute Bay, Nunavut	440	14	0	220	20	77	73	36
Rimouski, Quebec	280	125	95	51	1	2	6	0
Roberval, Quebec	317	197	38	74	2	0	6	0
Salluit, Quebec	146	.	..	..	.	.	.	.
Sandspit, British Columbia	202	102	7	22	11	60	0	0
Sherbrooke, Quebec	263	224	20	17	0	0	2	0
St. Anthony, Newfoundland and Labrador	288	28	12	75	13	149	11	0
St-Augustin, Quebec	284	172	0	45	67	0	0	0
St. Theresa Point, Manitoba	2,155	1,847	17	117	6	136	32	0
Stephenville, Newfoundland and Labrador	126	18	10	10	24	52	6	6
Stony Rapids, Saskatchewan	912	226	121	321	156	84	4	0
Sydney, Nova Scotia	469	65	52	32	2	280	16	22
Taloyoak, Nunavut	124	0	0	14	10	72	26	2
Tasiujaq, Quebec	87	.	..	..	.	.	.	.
Teslin, Yukon	1	1	0	0	0	0	0	0
The Pas, Manitoba	285	8	63	115	11	69	18	1
Tillsonburg, Ontario	324	..	..	..	..	..	..	..
Tofino, British Columbia	261	81	142	26	8	0	4	0
Trois-Rivières, Quebec	600	527	33	16	6	0	7	11
Umiujaq, Quebec	175	.	..	..	.	.	.	.
Waskaganish, Quebec	163	5	0	24	18	112	4	0
Watson Lake, Yukon	153	70	11	20	50	2	0	0
Welland/Niagara Central, Ontario	71	51	18	0	0	0	2	0
Wemindji, Quebec	117	8	1	14	12	82	0	0
Whale Cove, Nunavut	134	0	0	0	0	42	92	0
Yorkton Municipal, Saskatchewan	418	231	45	127	11	4	0	0
Total (108)	43,362	15,317	5,592	8,729	3,655	4,527	3,038	645

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	612	612	0
Aupaluk, Quebec	2	.	.
Baie-Comeau, Quebec	8	8	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,142	1,142	0
Buffalo Narrows, Saskatchewan	32	32	0
Cambridge Bay, Nunavut	2	2	0
Chibougamau/Chapais, Quebec	24	24	0
Collingwood, Ontario	178	176	2
Coral Harbour, Nunavut	1	1	0
Dauphin, Manitoba	70	70	0
Dawson Creek, British Columbia	82	82	0
Digby, Nova Scotia	33	33	0
Drummondville, Quebec	300	268	32
Dryden Regional, Ontario	454	454	0
Eastmain River, Quebec	23	23	0
Elliot Lake Municipal, Ontario	80	80	0
Flin Flon, Manitoba	4	4	0
Geraldton, Ontario	16	16	0
Hay River, Northwest Territories	12	12	0
Island Lake, Manitoba	16	16	0
Kangirsuk, Quebec	47	.	.
Kapuskasing, Ontario	104	104	0
Kuujuarapik, Quebec	2	2	0
Lourdes-de-Blanc-Sablon, Quebec	24	24	0
Moosonee, Ontario	118	118	0
Muskoka, Ontario	844	844	0
Nakina, Ontario	6	6	0
Natashquan, Quebec	6	6	0
Peterborough, Ontario	2,518	2,504	14
Pickle Lake, Ontario	24	24	0
Quesnel, British Columbia	74	74	0
Red Lake, Ontario	429	419	10
Rimouski, Quebec	30	30	0
Roberval, Quebec	46	46	0
Sandspit, British Columbia	62	62	0
Sherbrooke, Quebec	652	652	0
Sydney, Nova Scotia	4	4	0
Tillsonburg, Ontario	415	..	..
Tofino, British Columbia	38	30	8
Trois-Rivières, Quebec	276	276	0
Umiuq, Quebec	8	.	.
Waskaganish, Quebec	250	250	0
Welland/Niagara Central, Ontario	1,190	1,190	0
Yorkton Municipal, Saskatchewan	384	384	0
Total (44)	10,642	10,104	66

Methodology

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 or sent electronically to the Aviation Statistics Centre where they are registered and 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

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 Aviation Statistics Centre 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, the Aviation Statistics Centre 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

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	Puvirnituq
Inukjuak	Quaqtaq
Ivujivik	Salluit
Kangiqsualujjuaq	Tasiujaq
Kangiqsujaq	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 April, 2011 but were not available in April, 2012:

1. Baker Lake, Nunavut
2. Clyde River, Nunavut
3. Fort Frances Municipal, Ontario
4. Fort Good Hope, Northwest Territories
5. Fort McPherson, Northwest Territories
6. Paulatuk, Northwest Territories
7. Sanikiluaq, Nunavut
8. Tuktoyaktuk, Northwest Territories
9. Tulita, Northwest Territories
10. Ulukhakot/Holman, Northwest Territories

Data for the following airports are included in April, 2012 but not in April, 2011:

1. Bromont, Quebec

Appendix II

Glossary of terms

Air carrier

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

–**Level I.** Effective 2010, this includes every Canadian air carrier that, in the calendar year immediately preceding the reporting year, transported at least 2 million revenue passengers or at least 400 thousand tonnes of cargo.

–**Level II.** Effective 2010, this includes every Canadian air carrier that, in the calendar year immediately preceding the reporting year, transported at least 100 thousand, but fewer than 2 million revenue passengers, or at least 50 thousand but less than 400 thousand tonnes of cargo.

–**Level III.** Effective 2010, this includes every Canadian air carrier not classified in reporting level I or II that, in the calendar year immediately preceding the reporting year, realized gross revenues of at least 2 million dollars for the provision of air services for which the air carrier held a licence.

–**Level IV.** Effective 2010, this includes every Canadian air carrier not classified in reporting level I, II or III that, in the calendar year immediately preceding the reporting year, realized gross revenues of less than 2 million dollars for the provision of air services for which the air carrier held a licence.

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.

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.

Maximum 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.

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.