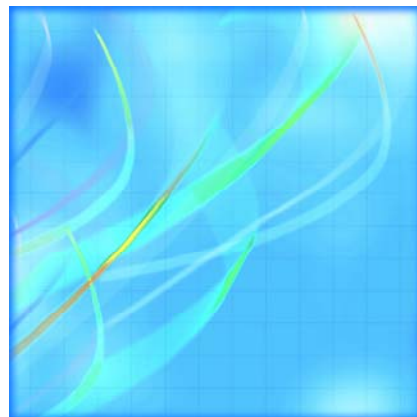


Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)



February 2010



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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
- 0s 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

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This publication was prepared by the Aviation Statistics Centre, of the Transportation Division, Statistics Canada under the general direction of **Gord Baldwin**, 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

Comox, British Columbia, the most active site for February 2010, represented 6.9% of the total itinerant movements. Comox recorded 2,080 take-offs and landings, up 49.0% from February 2009.

Welland/Niagara Central, Ontario (1,088 movements) followed by Trois Rivières, Quebec (831 movements) reported the greatest number of local movements in February 2010.

Text table 1

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

	February 2009	February 2010	Percentage change, February 2009 to February 2010	Year-to-date total		Percentage change 2009 to 2010
				2009	2010	
	number		percent	number		percent
Total	35,714	37,660	5.4	69,370	75,647	9.0
Itinerant movements						
Carrier	20,942	22,212	6.1	42,551	44,491	4.6
Other commercial	670	636	-5.1	1,014	1,348	32.9
Private	2,115	2,201	4.1	3,587	4,328	20.7
Government						
Civil	1,111	1,263	13.7	2,146	2,317	8.0
Military	726	1,388	91.2	1,374	2,200	60.1
Total	27,651	30,073	8.8	55,001	59,252	7.7
Local movements						
Civil	6,522	5,864	-10.1	10,771	12,594	16.9
Military	80	20	-75.0	165	58	-64.8
Total	6,612	5,901	-10.8	10,975	12,678	15.5
Number of airports in the survey	133	134	...	133	134	...

Analysis

In February 2010, the number of take-offs and landings at the 134 airports without air traffic control towers reached 37,660 movements. Year-over-year increases were reported by 66 of these airports. Comox, British Columbia (2,080 movements) followed by Goose Bay, Newfoundland and Labrador (1,701 movements) were the most active sites in February 2010.

There were 30,073 itinerant movements (flights from one airport to another) recorded by 114 airports without air traffic control towers in February 2010. Fifty-one airports reported year-over-year increases. Comox, British Columbia, the most active site for February 2010, represented 6.9% of the total itinerant movements. Comox recorded 2,080 take-offs and landings, up 49.0% from February 2009.

There were 5,901 local movements (flights that remain in the vicinity of the airport) recorded by 44 airports without air traffic control towers in February 2010. Welland/Niagara Central, Ontario (1,088 movements) followed by Trois-Rivières, Quebec (831 movements) reported the greatest number of local movements in February 2010.

Related products

Selected publications from Statistics Canada

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)

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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401-0036	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

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	.	99	99	0
Amos Municipal, Quebec	15	65	45	20
Arviat, Nunavut	27	243	243	0
Aupaluk, Quebec	.	90	90	0
Baie-Comeau, Quebec	28	581	559	22
Baker Lake, Nunavut	27	316	316	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	28	1,040	349	691
Bathurst, New Brunswick	28	199	199	0
Beaver Creek, Yukon	27	93	93	0
Berens River, Manitoba	..	76	..	..
Bloodvein River, Manitoba	..	94	..	..
Brochet, Manitoba	..	66	..	..
Bromont, Quebec	18	151	151	0
Buffalo Narrows, Saskatchewan	27	495	471	24
Burwash, Yukon	1	4	4	0
Cambridge Bay, Nunavut	28	286	286	0
Cape Dorset, Nunavut	20	78	78	0
Charlo, New Brunswick	15	59	59	0
Chesterfield Inlet, Nunavut	20	92	92	0
Chevery, Quebec	24	270	270	0
Chibougamau/Chapais, Quebec	26	307	307	0
Collingwood, Ontario	21	355	293	62
Comox, British Columbia	28	2,080	2,080	0
Coral Harbour, Nunavut	27	142	142	0
Cross Lake, Manitoba	..	124	..	..
Dauphin, Manitoba	26	257	227	30
Dawson, Yukon	26	233	223	10
Dawson Creek, British Columbia	28	578	472	106
Déline, Northwest Territories	26	148	148	0
Digby, Nova Scotia	10	45	19	26
Digby Island, British Columbia	4	10	10	0
Drummondville, Quebec	19	164	106	58
Dryden Regional, Ontario	28	827	781	46
Elliot Lake Municipal, Ontario	28	412	300	112
Eureka, Nunavut	10	18	18	0
Faro, Yukon	15	36	36	0
Flin Flon, Manitoba	28	462	456	6
Fort Frances Municipal, Ontario	28	361	361	0
Fort Liard, Northwest Territories	10	24	24	0
Fort McPherson, Northwest Territories	9	22	22	0
Fort Resolution, Northwest Territories	7	21	21	0
Fort Simpson, Northwest Territories	28	183	183	0
Fort Smith, Northwest Territories	28	395	371	24
Gamëti/Rae Lakes, Northwest Territories	21	79	79	0
Gaspé, Quebec	28	261	261	0
Geraldton, Ontario	9	93	69	24
Gillam, Manitoba	24	163	163	0
Gjoa Haven, Nunavut	23	129	125	4
Gods Lake Narrows, Manitoba	..	81	..	..
Gods River, Manitoba	..	164	..	..
Goose Bay, Newfoundland and Labrador	28	1,701	1,701	0
Guelph, Ontario	11	815	0	815
Hall Beach, Nunavut	27	133	133	0
Havre St-Pierre, Quebec	24	220	208	12
Hay River, Northwest Territories	28	412	398	14
Hearst/René Fontaine Municipal, Ontario	20	76	76	0
Igloolik, Nunavut	23	83	83	0
Ilford, Manitoba	..	30	..	..
Inukjuak, Quebec	.	182	182	0
Island Lake, Manitoba	28	668	668	0
Ivujivik, Quebec	.	128	128	0
Kangiqsualujuaq, Quebec	.	124	124	0
Kangisujuaq, Quebec	.	145	139	6
Kangirsuk, Quebec	.	166	166	0
Kapuskasing, Ontario	28	354	256	98
Kimmiut, Nunavut	17	58	58	0
Kugaaruk, Nunavut	26	73	73	0
Kugluktuk, Nunavut	27	249	247	2

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		
Kuujuarapik, Quebec	28	448	446	2
Lac Brochet, Manitoba	..	92	..	..
Little Grand Rapids, Manitoba	..	150	..	..
Lourdes-de-Blanc-Sablon, Quebec	28	462	446	16
Mayo, Yukon	28	174	163	11
Miramichi, New Brunswick	22	192	192	0
Moosonee, Ontario	28	899	885	14
Muskoka, Ontario	27	618	452	166
Nakina, Ontario	28	845	841	4
Nanisivik, Nunavut	11	36	36	0
Natashquan, Quebec	21	238	232	6
Norway House, Manitoba	28	304	304	0
Old Crow, Yukon	18	39	39	0
Oxford House, Manitoba	..	148	..	..
Pabok, Quebec	9	24	24	0
Pangnirtung, Nunavut	24	154	154	0
Paulatuk, Northwest Territories	14	58	58	0
Peterborough, Ontario	28	1,116	342	774
Pickle Lake, Ontario	28	1,207	1,195	12
Pikwitonei, Manitoba	..	12	..	..
Pond Inlet, Nunavut	16	36	36	0
Poplar River, Manitoba	..	84	..	..
Port-Menier, Quebec	19	84	84	0
Prince Rupert/Seal Cove, British Columbia	28	839	839	0
Pukatawagan, Manitoba	..	94	..	..
Puvirnituq, Quebec	..	431	420	11
Qikiqtarjuaq, Nunavut	22	74	74	0
Quaqtaq, Quebec	..	124	124	0
Quesnel, British Columbia	28	245	223	22
Red Lake, Ontario	28	1,598	1,523	75
Red Sucker Lake, Manitoba	..	120	..	..
Repulse Bay, Nunavut	20	88	88	0
Resolute Bay, Nunavut	25	121	121	0
Rimouski, Quebec	24	151	129	22
Roberval, Quebec	22	122	86	36
Sachs Harbour, Northwest Territories	12	37	37	0
Salluit, Quebec	..	166	166	0
Sandspit, British Columbia	28	260	260	0
Sanikiluaq, Nunavut	16	98	98	0
Shamattawa, Manitoba	..	194	..	..
Sherbrooke, Quebec	20	366	105	261
South Indian Lake, Manitoba	..	52	..	..
St. Anthony, Newfoundland and Labrador	27	406	332	74
St. Augustin, Quebec	17	132	132	0
St. Theresa Point, Manitoba	28	456	456	0
Stephenville, Newfoundland and Labrador	27	169	169	0
Stony Rapids, Saskatchewan	28	635	633	2
Sydney, Nova Scotia	28	386	386	0
Tadoule Lake, Manitoba	..	78	..	..
Taloyoak, Nunavut	26	114	114	0
Tasiujaq, Quebec	..	92	92	0
Teslin, Yukon	3	8	8	0
The Pas, Manitoba	28	289	277	12
Thicket Portage, Manitoba	..	1	..	..
Tofino, British Columbia	25	234	234	0
Trois-Rivières, Quebec	28	1,476	645	831
Tulita, Northwest Territories	20	151	151	0
Umiujaq, Quebec	..	145	145	0
Waskaganish, Quebec	19	235	165	70
Watson Lake, Yukon	22	77	77	0
Welland/Niagara Central, Ontario	18	1,110	22	1,088
Wemindji, Quebec	16	74	74	0
Whale Cove, Nunavut	19	113	113	0
Wrigley, Northwest Territories	1	4	4	0
York Landing, Manitoba	..	26	..	..
Yorkton Municipal, Saskatchewan	28	461	281	180
Total (134)	28	37,660	30,073	5,901

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	99	.	.	.	.	.	.	.	.
Amos Municipal, Quebec	45	22	0	23	0	0	0	0	0
Arviat, Nunavut	243	239	0	3	0	0	0	0	1
Aupaluk, Quebec	90	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	559	470	10	36	0	0	0	39	4
Baker Lake, Nunavut	316	308	0	2	0	0	0	6	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	349	142	15	122	0	0	10	56	4
Bathurst, New Brunswick	199	181	0	3	3	0	4	4	4
Beaver Creek, Yukon	93	92	0	0	1	0	0	0	0
Bromont, Quebec	151	33	40	75	0	0	1	2	0
Buffalo Narrows, Saskatchewan	471	424	18	3	0	0	0	26	0
Burwash, Yukon	4	4	0	0	0	0	0	0	0
Cambridge Bay, Nunavut	286	282	0	0	0	0	0	4	0
Cape Dorset, Nunavut	78	75	0	1	0	0	0	2	0
Charlo, New Brunswick	59	12	0	45	0	0	0	2	0
Chesterfield Inlet, Nunavut	92	88	0	2	0	0	0	2	0
Chevery, Quebec	270	264	6	0	0	0	0	0	0
Chibougamau/Chapais, Quebec	307	272	2	27	0	0	0	6	0
Collingwood, Ontario	293	32	19	242	0	0	0	0	0
Comox, British Columbia	2,080	995	2	8	9	0	2	4	1,060
Coral Harbour, Nunavut	142	134	0	4	0	0	0	4	0
Dauphin, Manitoba	227	104	37	24	0	0	0	26	36
Dawson, Yukon	223	114	0	62	7	0	38	2	0
Dawson Creek, British Columbia	472	349	6	112	0	0	1	4	0
Déline, Northwest Territories	148	138	0	0	0	0	0	10	0
Digby, Nova Scotia	19	8	0	11	0	0	0	0	0
Digby Island, British Columbia	10	10	0	0	0	0	0	0	0
Drummondville, Quebec	106	34	4	68	0	0	0	0	0
Dryden Regional, Ontario	781	653	35	25	0	0	0	49	19
Elliot Lake Municipal, Ontario	300	199	78	20	3	0	0	0	0
Eureka, Nunavut	18	18	0	0	0	0	0	0	0
Faro, Yukon	36	20	12	3	0	0	1	0	0
Flin Flon, Manitoba	456	417	10	11	0	0	1	17	0
Fort Frances Municipal, Ontario	361	331	2	13	5	2	8	0	0
Fort Liard, Northwest Territories	24	23	0	1	0	0	0	0	0
Fort McPherson, Northwest Territories	22	10	0	2	0	0	0	10	0
Fort Resolution, Northwest Territories	21	19	0	0	0	0	0	0	2
Fort Simpson, Northwest Territories	183	170	0	1	0	0	0	10	2
Fort Smith, Northwest Territories	371	357	0	2	0	0	0	12	0
Gamèti/Rae Lakes, Northwest Territories	79	73	0	0	0	0	0	6	0
Gaspé, Quebec	261	231	0	0	0	0	0	28	2
Geraldton, Ontario	69	26	16	0	0	0	0	27	0
Gillam, Manitoba	163	155	0	6	0	0	0	0	2
Gjoa Haven, Nunavut	125	125	0	0	0	0	0	0	0
Goose Bay, Newfoundland and Labrador	1,701	1,251	30	62	67	24	134	53	80
Hall Beach, Nunavut	133	129	0	0	0	0	0	4	0
Havre St-Pierre, Quebec	208	188	0	12	0	0	0	8	0
Hay River, Northwest Territories	398	358	0	4	0	0	0	32	4
Hearst/René Fontaine Municipal, Ontario	76	63	1	12	0	0	0	0	0
Igloolik, Nunavut	83	81	0	0	0	0	0	2	0
Inukjuak, Quebec	182	.	.	.	.	.	.	.	.
Island Lake, Manitoba	668	651	0	9	0	0	0	8	0
Ivujivik, Quebec	128	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	124	.	.	.	.	.	.	.	.
Kangirsujuaq, Quebec	139	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	166	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	256	186	0	0	70	0	0	0	0
Kimmirut, Nunavut	58	48	2	0	0	0	0	8	0
Kugaaruk, Nunavut	73	73	0	0	0	0	0	0	0
Kugluktuk, Nunavut	247	235	0	0	0	0	0	12	0
Kuujuarapik, Quebec	446	440	0	4	0	0	0	2	0
Louderes-de-Blanc-Sablon, Quebec	446	380	47	7	0	0	0	12	0
Mayo, Yukon	163	158	1	0	0	0	0	4	0
Miramichi, New Brunswick	192	154	4	11	4	0	13	6	0
Moosonee, Ontario	885	804	0	9	0	0	0	72	0
Muskoka, Ontario	452	173	27	164	2	0	11	69	6
Nakina, Ontario	841	817	0	18	0	0	0	6	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							
Nanisivik, Nunavut	36	36	0	0	0	0	0	0	0
Natashquan, Quebec	232	201	0	31	0	0	0	0	0
Norway House, Manitoba	304	278	0	6	0	0	0	20	0
Old Crow, Yukon	39	36	0	2	0	0	0	1	0
Pabok, Quebec	24	0	0	0	0	0	0	24	0
Pangnirtung, Nunavut	154	152	0	0	0	0	0	2	0
Paulatuk, Northwest Territories	58	52	0	2	0	0	0	4	0
Peterborough, Ontario	342	96	72	131	0	0	0	18	25
Pickle Lake, Ontario	1,195	1,102	11	52	0	0	0	30	0
Pond Inlet, Nunavut	36	32	0	0	0	0	0	2	2
Port-Menier, Quebec	84	84	0	0	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	839	606	0	18	0	0	12	203	0
Puvirnituq, Quebec	420	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	74	74	0	0	0	0	0	0	0
Quaqtaq, Quebec	124	.	.	.	.	.	.	.	.
Quesnel, British Columbia	223	171	2	44	0	0	0	6	0
Red Lake, Ontario	1,523	1,382	8	71	0	0	1	52	9
Repulse Bay, Nunavut	88	85	0	1	0	0	0	2	0
Resolute Bay, Nunavut	121	117	0	4	0	0	0	0	0
Rimouski, Quebec	129	41	12	61	0	0	0	15	0
Roberval, Quebec	86	36	1	45	0	0	0	2	2
Sachs Harbour, Northwest Territories	37	35	0	0	0	0	0	2	0
Salluit, Quebec	166	.	.	.	.	.	.	.	.
Sandspit, British Columbia	260	252	0	0	0	0	0	6	2
Sanikiluaq, Nunavut	98	94	0	0	0	0	0	4	0
Sherbrooke, Quebec	105	43	2	47	1	0	10	0	2
St. Anthony, Newfoundland and Labrador	332	296	4	2	0	0	0	26	4
St. Augustin, Quebec	132	91	36	5	0	0	0	0	0
St. Theresa Point, Manitoba	456	440	0	2	0	0	0	14	0
Stephenville, Newfoundland and Labrador	169	80	4	4	13	0	28	29	11
Stony Rapids, Saskatchewan	633	595	0	5	0	0	0	25	8
Sydney, Nova Scotia	386	339	6	2	2	0	0	26	11
Taloyoak, Nunavut	114	110	0	2	0	0	0	2	0
Tasiujaq, Quebec	92	.	.	.	.	.	.	.	.
Teslin, Yukon	8	2	2	4	0	0	0	0	0
The Pas, Manitoba	277	234	2	15	0	0	0	22	4
Tofino, British Columbia	234	121	5	39	0	0	2	36	31
Trois-Rivières, Quebec	645	337	32	266	2	0	2	4	2
Tulita, Northwest Territories	151	145	0	2	0	0	0	4	0
Umiujaq, Quebec	145	.	.	.	.	.	.	.	.
Waskaganish, Quebec	165	165	0	0	0	0	0	0	0
Watson Lake, Yukon	77	39	2	26	0	0	0	0	10
Welland/Niagara Central, Ontario	22	2	8	8	0	2	2	0	0
Wemindji, Quebec	74	74	0	0	0	0	0	0	0
Whale Cove, Nunavut	113	103	0	0	0	0	0	4	6
Wrigley, Northwest Territories	4	4	0	0	0	0	0	0	0
Yorkton Municipal, Saskatchewan	281	188	3	35	0	0	0	22	33
Total (114)	30,073	22,212	636	2,201	189	28	281	1,263	1,388

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Akulivik, Quebec	99	.	.	.	.	..
Amos Municipal, Quebec	45	0	20	24	1	0
Arviat, Nunavut	243	0	243	0	0	0
Aupaluk, Quebec	90	.	.	.	.	..
Baie-Comeau, Quebec	559	26	470	57	6	0
Baker Lake, Nunavut	316	0	306	10	0	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	349	11	83	167	88	0
Bathurst, New Brunswick	199	2	140	53	4	0
Beaver Creek, Yukon	93	0	14	0	79	0
Bromont, Quebec	151	0	5	118	28	0
Buffalo Narrows, Saskatchewan	471	0	418	51	2	0
Burwash, Yukon	4	0	0	4	0	0
Cambridge Bay, Nunavut	286	75	190	0	21	0
Cape Dorset, Nunavut	78	0	78	0	0	0
Charlo, New Brunswick	59	4	29	22	4	0
Chesterfield Inlet, Nunavut	92	0	92	0	0	0
Chevery, Quebec	270	0	266	4	0	0
Chibougamau/Chapais, Quebec	307	12	254	31	10	0
Collingwood, Ontario	293	4	16	259	14	0
Comox, British Columbia	2,080	682	1,086	111	199	2
Coral Harbour, Nunavut	142	0	142	0	0	0
Dauphin, Manitoba	227	10	132	77	8	0
Dawson, Yukon	223	0	74	115	34	0
Dawson Creek, British Columbia	472	8	304	122	38	0
Déline, Northwest Territories	148	0	112	36	0	0
Digby, Nova Scotia	19	0	2	17	0	0
Digby Island, British Columbia	10	0	4	6	0	0
Drummondville, Quebec	106	0	0	86	20	0
Dryden Regional, Ontario	781	6	465	159	151	0
Elliot Lake Municipal, Ontario	300	2	173	103	22	0
Eureka, Nunavut	18	0	18	0	0	0
Faro, Yukon	36	0	12	6	18	0
Flin Flon, Manitoba	456	3	352	80	21	0
Fort Frances Municipal, Ontario	361	0	258	99	4	0
Fort Liard, Northwest Territories	24	0	3	12	9	0
Fort McPherson, Northwest Territories	22	0	22	0	0	0
Fort Resolution, Northwest Territories	21	0	17	4	0	0
Fort Simpson, Northwest Territories	183	1	143	37	2	0
Fort Smith, Northwest Territories	371	0	277	83	11	0
Gamëti/Rae Lakes, Northwest Territories	79	0	77	2	0	0
Gaspé, Quebec	261	6	247	6	2	0
Geraldton, Ontario	69	0	40	6	23	0
Gillam, Manitoba	163	0	94	69	0	0
Gjoa Haven, Nunavut	125	8	113	0	4	0
Goose Bay, Newfoundland and Labrador	1,701	269	1,128	81	223	0
Hall Beach, Nunavut	133	0	112	0	21	0
Havre St-Pierre, Quebec	208	2	86	57	63	0
Hay River, Northwest Territories	398	2	304	82	10	0
Hearst/René Fontaine Municipal, Ontario	76	0	56	12	8	0
Igloodik, Nunavut	83	0	83	0	0	0
Inukjuak, Quebec	182	.	.	.	.	..
Island Lake, Manitoba	668	4	449	86	129	0
Ivujivik, Quebec	128	.	.	.	.	..
Kangiqsualujuaq, Quebec	124	.	.	.	.	..
Kangiqsujuaq, Quebec	139	.	.	.	.	..
Kangirsuk, Quebec	166	.	.	.	.	..
Kapuskasing, Ontario	256	0	252	2	2	0
Kimmiut, Nunavut	58	0	58	0	0	0
Kugaaruk, Nunavut	73	6	67	0	0	0
Kugluktuk, Nunavut	247	83	162	0	2	0
Kuujuarapik, Quebec	446	2	442	2	0	0
Lourdes-de-Blanc-Sablon, Quebec	446	12	400	32	2	0
Mayo, Yukon	163	0	14	25	124	0
Miramichi, New Brunswick	192	2	28	154	8	0
Moosonee, Ontario	885	0	748	51	86	0
Muskoka, Ontario	452	13	117	272	50	0
Nakina, Ontario	841	0	646	18	177	0
Nanisivik, Nunavut	36	0	36	0	0	0

Table 2-2 – continued

Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Natashquan, Quebec	232	0	170	37	25	0
Norway House, Manitoba	304	2	282	20	0	0
Old Crow, Yukon	39	0	38	0	1	0
Pabok, Quebec	24	18	6	0	0	0
Pangnirtung, Nunavut	154	0	154	0	0	0
Paulatuk, Northwest Territories	58	0	58	0	0	0
Peterborough, Ontario	342	26	38	251	25	2
Pickle Lake, Ontario	1,195	0	995	87	113	0
Pond Inlet, Nunavut	36	0	36	0	0	0
Port-Menier, Quebec	84	0	12	72	0	0
Prince Rupert/Seal Cove, British Columbia	839	0	117	429	293	0
Puvirnituq, Quebec	420	.	.	.	.	..
Qikiqtarjuaq, Nunavut	74	0	72	0	2	0
Quaqtaq, Quebec	124	.	.	.	.	..
Quesnel, British Columbia	223	4	159	46	14	0
Red Lake, Ontario	1,523	2	1,120	338	63	0
Repulse Bay, Nunavut	88	0	87	1	0	0
Resolute Bay, Nunavut	121	8	113	0	0	0
Rimouski, Quebec	129	0	24	75	30	0
Roberval, Quebec	86	4	24	55	2	1
Sachs Harbour, Northwest Territories	37	0	37	0	0	0
Salluit, Quebec	166	.	.	.	.	..
Sandspit, British Columbia	260	4	153	0	103	0
Sanikiluaq, Nunavut	98	2	96	0	0	0
Sherbrooke, Quebec	105	10	20	68	7	0
St. Anthony, Newfoundland and Labrador	332	2	282	4	44	0
St. Augustin, Quebec	132	0	93	38	0	1
St. Theresa Point, Manitoba	456	1	285	58	112	0
Stephenville, Newfoundland and Labrador	169	61	71	5	32	0
Stony Rapids, Saskatchewan	633	0	431	200	2	0
Sydney, Nova Scotia	386	32	281	52	21	0
Taloyoak, Nunavut	114	4	108	2	0	0
Tasiujaq, Quebec	92	.	.	.	.	..
Teslin, Yukon	8	0	2	6	0	0
The Pas, Manitoba	277	3	237	27	10	0
Tofino, British Columbia	234	6	47	116	65	0
Trois-Rivières, Quebec	645	11	12	550	72	0
Tulita, Northwest Territories	151	0	88	54	9	0
Umiujaq, Quebec	145	.	.	.	.	..
Waskaganish, Quebec	165	0	160	4	1	0
Watson Lake, Yukon	77	0	31	22	24	0
Welland/Niagara Central, Ontario	22	2	2	18	0	0
Wemindji, Quebec	74	0	74	0	0	0
Whale Cove, Nunavut	113	0	113	0	0	0
Wrigley, Northwest Territories	4	0	0	2	2	0
Yorkton Municipal, Saskatchewan	281	23	59	171	28	0
Total (114)	30,073	1,480	18,166	5,718	2,828	6

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	99	.	..	..	.	.	.	.
Amos Municipal, Quebec	45	25	0	20	0	0	0	0
Arviat, Nunavut	243	0	0	92	17	95	39	0
Aupaluk, Quebec	90	.	..	..	.	.	.	.
Baie-Comeau, Quebec	559	12	51	229	117	128	22	0
Baker Lake, Nunavut	316	0	10	116	23	91	74	2
Barrie-Orillia-Lake Simcoe Regional, Ontario	349	227	27	66	28	1	0	0
Bathurst, New Brunswick	199	13	40	40	2	100	4	0
Beaver Creek, Yukon	93	79	14	0	0	0	0	0
Bromont, Quebec	151	135	10	6	0	0	0	0
Buffalo Narrows, Saskatchewan	471	31	22	335	83	0	0	0
Burwash, Yukon	4	4	0	0	0	0	0	0
Cambridge Bay, Nunavut	286	0	0	83	39	34	76	54
Cape Dorset, Nunavut	78	0	0	13	0	27	38	0
Charlo, New Brunswick	59	8	18	19	4	0	0	10
Chesterfield Inlet, Nunavut	92	0	0	41	13	32	6	0
Chevery, Quebec	270	0	6	104	160	0	0	0
Chibougamau/Chapais, Quebec	307	24	19	156	19	85	4	0
Collingwood, Ontario	293	252	19	12	2	4	0	4
Comox, British Columbia	2,080	29	86	253	501	256	597	358
Coral Harbour, Nunavut	142	0	0	30	61	2	49	0
Dauphin, Manitoba	227	78	7	106	12	8	2	14
Dawson, Yukon	223	139	11	7	4	0	62	0
Dawson Creek, British Columbia	472	151	21	29	173	98	0	0
Déline, Northwest Territories	148	4	42	82	0	0	20	0
Digby, Nova Scotia	19	13	4	2	0	0	0	0
Digby Island, British Columbia	10	0	10	0	0	0	0	0
Drummondville, Quebec	106	102	4	0	0	0	0	0
Dryden Regional, Ontario	781	218	88	453	12	6	0	4
Elliot Lake Municipal, Ontario	300	110	79	103	2	6	0	0
Eureka, Nunavut	18	0	0	10	8	0	0	0
Faro, Yukon	36	24	4	6	0	0	2	0
Flin Flon, Manitoba	456	32	93	232	5	94	0	0
Fort Frances Municipal, Ontario	361	25	84	250	2	0	0	0
Fort Liard, Northwest Territories	24	15	6	3	0	0	0	0
Fort McPherson, Northwest Territories	22	0	0	22	0	0	0	0
Fort Resolution, Northwest Territories	21	0	4	13	0	0	4	0
Fort Simpson, Northwest Territories	183	31	45	32	0	2	72	1
Fort Smith, Northwest Territories	371	92	14	60	205	0	0	0
Gamèti/Rae Lakes, Northwest Territories	79	0	46	29	4	0	0	0
Gaspé, Quebec	261	0	8	21	0	218	12	2
Geraldton, Ontario	69	9	56	4	0	0	0	0
Gillam, Manitoba	163	4	65	2	2	90	0	0
Gjoa Haven, Nunavut	125	0	0	8	12	37	68	0
Goose Bay, Newfoundland and Labrador	1,701	205	114	588	108	516	96	74
Hall Beach, Nunavut	133	0	0	31	6	32	64	0
Havre St-Pierre, Quebec	208	63	57	52	24	10	2	0
Hay River, Northwest Territories	398	17	17	82	100	73	99	10
Hearst/René Fontaine Municipal, Ontario	76	16	4	56	0	0	0	0
Igloodik, Nunavut	83	0	0	2	2	40	39	0
Inukjuak, Quebec	182	.	..	..	.	.	.	.
Island Lake, Manitoba	668	194	21	344	4	87	18	0
Ivujivik, Quebec	128	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	124	.	..	..	.	.	.	.
Kangiqsujuaq, Quebec	139	.	..	..	.	.	.	.
Kangirsuk, Quebec	166	.	..	..	.	.	.	.
Kapuskasing, Ontario	256	4	34	218	0	0	0	0
Kimmirut, Nunavut	58	0	0	56	2	0	0	0
Kugaaruk, Nunavut	73	0	0	13	6	27	27	0
Kugluktuk, Nunavut	247	0	0	36	4	6	122	79
Kuujuarapik, Quebec	446	2	0	210	0	69	165	0
Lourdes-de-Blanc-Sablon, Quebec	446	3	37	170	118	108	10	0
Mayo, Yukon	163	133	18	12	0	0	0	0
Miramichi, New Brunswick	192	90	72	24	2	2	0	2
Moosonee, Ontario	885	9	169	453	116	110	28	0
Muskoka, Ontario	452	310	38	64	29	4	5	2
Nakina, Ontario	841	37	688	109	7	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
Nanisivik, Nunavut	36	0	0	6	0	0	30	0
Natashquan, Quebec	232	56	13	99	64	0	0	0
Norway House, Manitoba	304	4	16	282	2	0	0	0
Old Crow, Yukon	39	1	0	6	0	0	32	0
Pabok, Quebec	24	0	0	0	0	6	18	0
Pangnirtung, Nunavut	154	0	0	14	0	54	86	0
Paulatuk, Northwest Territories	58	0	4	52	2	0	0	0
Peterborough, Ontario	342	229	35	33	13	8	3	21
Pickle Lake, Ontario	1,195	164	616	126	77	0	212	0
Pond Inlet, Nunavut	36	0	0	4	0	8	24	0
Port-Menier, Quebec	84	0	72	12	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	839	40	733	54	0	12	0	0
Puvirnituq, Quebec	420	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	74	0	0	10	2	24	38	0
Quaqtaq, Quebec	124	.	..	..	.	.	.	.
Quesnel, British Columbia	223	56	4	4	159	0	0	0
Red Lake, Ontario	1,523	206	429	513	310	18	47	0
Repulse Bay, Nunavut	88	1	0	7	47	0	33	0
Resolute Bay, Nunavut	121	0	0	38	28	5	40	10
Rimouski, Quebec	129	56	49	22	0	2	0	0
Roberval, Quebec	86	50	10	16	4	4	2	0
Sachs Harbour, Northwest Territories	37	0	0	37	0	0	0	0
Salluit, Quebec	166	.	..	..	.	.	.	.
Sandspit, British Columbia	260	91	12	57	12	32	56	0
Sanikiluaq, Nunavut	98	0	0	28	24	4	42	0
Sherbrooke, Quebec	105	61	14	22	6	0	2	0
St. Anthony, Newfoundland and Labrador	332	26	15	84	63	144	0	0
St. Augustin, Quebec	132	39	0	8	85	0	0	0
St. Theresa Point, Manitoba	456	153	17	165	0	106	14	1
Stephenville, Newfoundland and Labrador	169	8	22	8	14	72	18	27
Stony Rapids, Saskatchewan	633	3	203	238	107	82	0	0
Sydney, Nova Scotia	386	4	62	32	6	248	6	28
Taloyoak, Nunavut	114	2	0	12	10	44	46	0
Tasiujaq, Quebec	92	.	..	..	.	.	.	.
Teslin, Yukon	8	6	0	0	0	0	2	0
The Pas, Manitoba	277	12	40	135	3	87	0	0
Tofino, British Columbia	234	95	72	27	10	2	16	12
Trois-Rivières, Quebec	645	583	37	10	8	1	3	3
Tulita, Northwest Territories	151	32	60	51	0	0	8	0
Umiujaq, Quebec	145	.	..	..	.	.	.	.
Waskaganish, Quebec	165	3	2	4	30	126	0	0
Watson Lake, Yukon	77	34	4	18	15	2	4	0
Welland/Niagara Central, Ontario	22	12	6	2	0	2	0	0
Wemindji, Quebec	74	0	0	14	4	56	0	0
Whale Cove, Nunavut	113	0	0	43	14	48	2	6
Wrigley, Northwest Territories	4	2	2	0	0	0	0	0
Yorkton Municipal, Saskatchewan	281	142	51	61	27	0	0	0
Total (114)	30,073	5,140	4,882	7,963	3,184	3,695	2,610	724

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	20	20	0
Baie-Comeau, Quebec	22	22	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	691	691	0
Buffalo Narrows, Saskatchewan	24	24	0
Collingwood, Ontario	62	62	0
Dauphin, Manitoba	30	30	0
Dawson, Yukon	10	10	0
Dawson Creek, British Columbia	106	106	0
Digby, Nova Scotia	26	26	0
Drummondville, Quebec	58	58	0
Dryden Regional, Ontario	46	46	0
Elliot Lake Municipal, Ontario	112	112	0
Flin Flon, Manitoba	6	6	0
Fort Smith, Northwest Territories	24	24	0
Geraldton, Ontario	24	24	0
Gjoa Haven, Nunavut	4	4	0
Guelph, Ontario	815	815	0
Havre St-Pierre, Quebec	12	12	0
Hay River, Northwest Territories	14	14	0
Kangiqsujuaq, Quebec	6	.	.
Kapuskasing, Ontario	98	98	0
Kugluktuk, Nunavut	2	2	0
Kuujuarapik, Quebec	2	2	0
Lourdes-de-Blanc-Sablon, Quebec	16	16	0
Mayo, Yukon	11	11	0
Moosonee, Ontario	14	14	0
Muskoka, Ontario	166	156	10
Nakina, Ontario	4	4	0
Natashquan, Quebec	6	6	0
Peterborough, Ontario	774	772	2
Pickle Lake, Ontario	12	12	0
Puvirnituq, Quebec	11	.	.
Quesnel, British Columbia	22	22	0
Red Lake, Ontario	75	67	8
Rimouski, Quebec	22	22	0
Roberval, Quebec	36	36	0
Sherbrooke, Quebec	261	261	0
St. Anthony, Newfoundland and Labrador	74	74	0
Stony Rapids, Saskatchewan	2	2	0
The Pas, Manitoba	12	12	0
Trois-Rivières, Quebec	831	831	0
Waskaganish, Quebec	70	70	0
Welland/Niagara Central, Ontario	1,088	1,088	0
Yorkton Municipal, Saskatchewan	180	180	0
Total (44)	5,901	5,864	20

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 to ASC where they are registered and manually edited for clarity and reliability. Survey respondents are advised by letter or telephone of any undue delays.

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 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

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. 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 February, 2009 but were not available in February, 2010:

1. Aklavik, Northwest Territories
2. Eastmain River, Quebec
3. Grise Fiord, Nunavut
4. Lutselk'e, Northwest Territories
5. Tuktoyaktuk, Northwest Territories
6. Ulukhakot/Holman, Northwest Territories

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

1. Collingwood, Ontario
2. Miramichi, New Brunswick
3. Pangnirtung, Nunavut

4. Port-Menier, Quebec
5. Sachs Harbour, Northwest Territories

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-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.