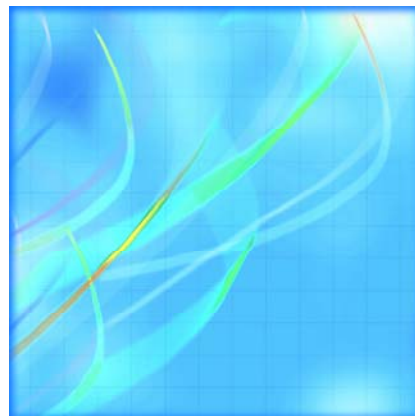


Aircraft Movement Statistics: Airports Without Air Traffic Control Towers (TP 141)

August 2011



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- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
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- 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 ($p < 0.05$)

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**, 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

Red Lake, Ontario, the most active site in August 2011, recorded 4,622 itinerant movements. This represented 7.6% of the total itinerant movements registered by 116 airports without air traffic control towers.

Peterborough, Ontario (3,394 movements) followed by Welland/Niagara Central, Ontario (2,191 movements) recorded the greatest number of local movements in August 2011.

Text table 1

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

	August 2010	August 2011	Percentage change, August 2010 to August 2011	Year-to-date total		Percentage change 2010 to 2011
				2010	2011	
	number		percent	number		percent
Total	73,280	76,664	4.6	476,746	464,815	-2.5
Itinerant movements						
Carrier	39,852	42,555	6.8	258,839	265,810	2.7
Other commercial	1,394	1,717	23.2	10,191	10,156	-0.3
Private	7,285	8,224	12.9	43,005	37,966	-11.7
Government						
Civil	1,987	2,750	38.4	15,357	15,314	-0.3
Military	1,286	1,849	43.8	10,502	9,822	-6.5
Total	55,593	60,619	9.0	362,799	362,003	-0.2
Local movements						
Civil	13,631	11,565	-15.2	88,372	75,001	-15.1
Military	23	47	104.3	1,034	1,142	10.4
Total	15,261	13,612	-10.8	95,063	83,580	-12.1
Number of airports in the survey	137	135	...	137	135	...

Analysis

In August 2011, the number of take-offs and landings at the 135 airports without air traffic control towers reached 76,664 movements. Red Lake, Ontario (4,820 movements) followed by Peterborough, Ontario (4,286 movements) were the most active sites. Of the 130 airports for which year-over-year comparisons were possible, increases were reported by 67 of these airports.

There were 60,619 itinerant movements (flights from one airport to another) recorded by 116 airports without air traffic control towers in August 2011. Red Lake, Ontario, the most active site, recorded 4,622 take-offs and landings, up 118.3% from 2010. This represented 7.6% of the total itinerant movements reported.

Forty-eight airports without air traffic control towers reported 13,612 local movements (flights that remain in the vicinity of the airport) in August 2011. Peterborough, Ontario (3,394 movements) followed by Welland/Niagara Central, Ontario (2,191 movements) recorded the greatest number of local movements in August 2011.

In the spring of 2011, operations at Guelph, Ontario temporarily ceased until the new owner is established.

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
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401-0035	Itinerant movements, by aircraft gross take-off weight, airports with NAV CANADA flight service stations, annual
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			
Amos Municipal, Quebec	31	200	137	63
Arctic Bay, Nunavut	24	88	88	0
Arviat, Nunavut	30	366	366	0
Aupaluk, Quebec	.	303	107	196
Baie-Comeau, Quebec	31	824	796	28
Baker Lake, Nunavut	31	1,304	1,279	25
Barrie-Orillia-Lake Simcoe Regional, Ontario	31	1,964	703	1,261
Bathurst, New Brunswick	31	277	277	0
Beaver Creek, Yukon	15	39	39	0
Berens River, Manitoba	..	220	..	..
Bloodvein River, Manitoba	..	142	..	..
Brochet, Manitoba	..	116	..	..
Bromont, Quebec	31	677	677	0
Buffalo Narrows, Saskatchewan	31	643	643	0
Burwash, Yukon	28	247	247	0
Cambridge Bay, Nunavut	31	839	777	62
Cape Dorset, Nunavut	14	72	72	0
Charlo, New Brunswick	26	422	422	0
Chesterfield Inlet, Nunavut	26	152	152	0
Chevery, Quebec	28	327	327	0
Chibougamau/Chapais, Quebec	31	913	773	140
Collingwood, Ontario	31	1,419	1,155	264
Comox, British Columbia	31	1,889	1,889	0
Coral Harbour, Nunavut	31	253	249	4
Cross Lake, Manitoba	..	180	..	..
Dauphin, Manitoba	31	343	339	4
Dawson, Yukon	31	1,824	1,824	0
Dawson Creek, British Columbia	31	1,355	751	604
Déline, Northwest Territories	27	194	194	0
Digby, Nova Scotia	22	226	143	83
Drummondville, Quebec	31	777	381	396
Dryden Regional, Ontario	31	2,221	2,161	60
Eastmain River, Quebec	20	97	92	5
Elliot Lake Municipal, Ontario	31	429	359	70
Eureka, Nunavut	18	58	58	0
Faro, Yukon	1	2	2	0
Flin Flon, Manitoba	31	644	644	0
Fort Frances Municipal, Ontario	31	609	609	0
Fort Good Hope, Northwest Territories	28	235	235	0
Fort Liard, Northwest Territories	20	182	182	0
Fort Resolution, Northwest Territories	8	28	28	0
Fort Simpson, Northwest Territories	31	291	291	0
Fort Smith, Northwest Territories	31	685	685	0
Gamëti/Rae Lakes, Northwest Territories	27	177	177	0
Gaspé, Quebec	31	381	381	0
Geraldton, Ontario	31	1,026	972	54
Gillam, Manitoba	30	351	351	0
Gjoa Haven, Nunavut	29	200	198	2
Gods Lake Narrows, Manitoba	..	113	..	..
Gods River, Manitoba	..	170	..	..
Goose Bay, Newfoundland and Labrador	31	3,182	3,182	0
Hall Beach, Nunavut	31	335	335	0
Havre St-Pierre, Quebec	31	952	948	4
Hay River, Northwest Territories	31	676	672	4
Hearst/René Fontaine Municipal, Ontario	20	83	83	0
Igloolik, Nunavut	27	156	152	4
Ilford, Manitoba	..	18	..	..
Inukjuak, Quebec	.	278	278	0
Island Lake, Manitoba	31	972	972	0
Ivujivik, Quebec	.	149	149	0
Kangiqsualujuaq, Quebec	.	46	46	0
Kangirsuk, Quebec	.	268	174	94
Kapuskasing, Ontario	31	454	314	140
Kimmirut, Nunavut	20	67	67	0
Kugaaruk, Nunavut	28	169	164	5
Kugluktuk, Nunavut	31	706	375	331
Kuujuarapik, Quebec	31	625	625	0
Lac Brochet, Manitoba	..	272	..	..

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		
Little Grand Rapids, Manitoba	..	120	..	..
Lourdes-de-Blanc-Sablon, Quebec	30	437	435	2
Lutselk'e, Northwest Territories	26	140	140	0
Mayo, Yukon	31	1,435	1,435	0
Miramichi, New Brunswick	30	583	583	0
Moosonee, Ontario	31	1,580	1,580	0
Muskoka, Ontario	31	2,363	1,847	516
Natashquan, Quebec	26	201	201	0
Norway House, Manitoba	31	416	400	16
Old Crow, Yukon	30	97	97	0
Oxford House, Manitoba	..	204	..	..
Pabok, Quebec	15	35	35	0
Pangnirtung, Nunavut	29	271	271	0
Paulatuk, Northwest Territories	20	94	94	0
Peterborough, Ontario	31	4,286	892	3,394
Pickle Lake, Ontario	31	2,084	2,070	14
Pikwitonei, Manitoba	..	12	..	..
Pond Inlet, Nunavut	20	85	85	0
Poplar River, Manitoba	..	219	..	..
Port-Menier, Quebec	24	232	232	0
Prince Rupert/Digby Island, British Columbia	23	274	274	0
Prince Rupert/Seal Cove, British Columbia	31	1,627	1,627	0
Pukatawagan, Manitoba	..	86	..	..
Puvirnituq, Quebec	..	844	582	262
Qikiqtarjuaq, Nunavut	14	53	53	0
Quaqtaq, Quebec	..	90	90	0
Quesnel, British Columbia	31	673	551	122
Red Lake, Ontario	31	4,820	4,622	198
Red Sucker Lake, Manitoba	..	180	..	..
Repulse Bay, Nunavut	29	249	241	8
Resolute Bay, Nunavut	30	791	791	0
Rimouski, Quebec	28	436	360	76
Roberval, Quebec	31	572	426	146
Sachs Harbour, Northwest Territories	22	74	74	0
Salluit, Quebec	..	410	229	181
Sandspit, British Columbia	31	925	925	0
Sanikiluaq, Nunavut	24	168	166	2
Shamattawa, Manitoba	..	240	..	..
Sherbrooke, Quebec	30	1,435	433	1,002
South Indian Lake, Manitoba	..	52	..	..
St. Anthony, Newfoundland and Labrador	31	273	273	0
St-Augustin, Quebec	17	146	146	0
St. Theresa Point, Manitoba	31	562	562	0
Stephenville, Newfoundland and Labrador	28	209	209	0
Stony Rapids, Saskatchewan	31	886	886	0
Sydney, Nova Scotia	31	772	736	36
Tadoule Lake, Manitoba	..	68	..	..
Taloyoak, Nunavut	31	181	181	0
Tasiujaq, Quebec	..	122	122	0
Teslin, Yukon	15	35	35	0
The Pas, Manitoba	31	373	367	6
Thicket Portage, Manitoba	..	7	..	..
Tillsonburg, Ontario	..	1,800	537	1,263
Tofino, British Columbia	31	749	739	10
Trois-Rivières, Quebec	31	532	472	60
Tuktoyaktuk, Northwest Territories	30	366	366	0
Tulita, Northwest Territories	16	168	168	0
Ulukhakot/Holman, Northwest Territories	26	114	114	0
Umiujaq, Quebec	..	208	204	4
Waskaganish, Quebec	16	237	133	104
Watson Lake, Yukon	31	574	574	0
Welland/Niagara Central, Ontario	29	2,297	106	2,191
Wemindji, Quebec	22	119	119	0
Whale Cove, Nunavut	18	123	123	0
Wrigley, Northwest Territories	14	80	80	0
York Landing, Manitoba	..	14	..	..
Yorkton Municipal, Saskatchewan	31	854	758	96
Total (135)	31	76,664	60,619	13,612

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							
Amos Municipal, Quebec	137	49	8	72	0	0	0	6	2
Arctic Bay, Nunavut	88	77	4	0	0	0	0	0	7
Arviat, Nunavut	366	336	2	14	6	0	0	2	6
Aupaluk, Quebec	107	.	.	.	.	.	.	.	.
Baie-Comeau, Quebec	796	557	7	132	0	1	1	78	20
Baker Lake, Nunavut	1,279	1,190	1	80	2	0	0	2	4
Barrie-Orillia-Lake Simcoe Regional, Ontario	703	211	35	376	3	1	28	31	18
Bathurst, New Brunswick	277	227	1	12	7	2	18	10	0
Beaver Creek, Yukon	39	7	2	14	0	0	12	4	0
Bromont, Quebec	677	80	192	322	7	1	13	45	17
Buffalo Narrows, Saskatchewan	643	550	0	59	0	0	0	34	0
Burwash, Yukon	247	226	0	18	0	0	1	0	2
Cambridge Bay, Nunavut	777	706	23	25	1	0	0	16	6
Cape Dorset, Nunavut	72	66	2	0	0	0	0	4	0
Charlo, New Brunswick	422	35	9	113	1	0	19	14	231
Chesterfield Inlet, Nunavut	152	150	0	0	2	0	0	0	0
Chevery, Quebec	327	300	9	17	1	0	0	0	0
Chibougamau/Chapais, Quebec	773	585	34	95	0	0	0	28	31
Collingwood, Ontario	1,155	115	79	957	0	0	0	2	2
Comox, British Columbia	1,889	1,149	9	29	0	1	0	78	623
Coral Harbour, Nunavut	249	243	2	2	0	0	0	2	0
Dauphin, Manitoba	339	147	16	88	0	0	2	15	71
Dawson, Yukon	1,824	1,525	13	247	8	0	15	16	0
Dawson Creek, British Columbia	751	373	120	258	0	0	0	0	0
Déline, Northwest Territories	194	194	0	0	0	0	0	0	0
Digby, Nova Scotia	143	44	3	92	3	0	1	0	0
Drummondville, Quebec	381	96	38	232	0	0	3	0	12
Dryden Regional, Ontario	2,161	1,671	16	97	2	0	6	361	8
Eastmain River, Quebec	92	88	1	3	0	0	0	0	0
Elliot Lake Municipal, Ontario	359	224	50	68	5	0	2	8	2
Eureka, Nunavut	58	56	0	0	0	0	0	2	0
Faro, Yukon	2	2	0	0	0	0	0	0	0
Flin Flon, Manitoba	644	519	0	74	1	0	12	38	0
Fort Frances Municipal, Ontario	609	411	5	123	2	1	67	0	0
Fort Good Hope, Northwest Territories	235	220	0	5	0	0	0	8	2
Fort Liard, Northwest Territories	182	166	0	8	0	0	0	8	0
Fort Resolution, Northwest Territories	28	24	0	2	0	0	0	0	2
Fort Simpson, Northwest Territories	291	238	0	23	0	0	0	28	2
Fort Smith, Northwest Territories	685	627	2	36	0	0	0	20	0
Gamëti/Rae Lakes, Northwest Territories	177	163	0	8	0	0	0	6	0
Gaspé, Quebec	381	298	15	32	0	0	0	34	2
Geraldton, Ontario	972	734	71	40	0	0	0	127	0
Gillam, Manitoba	351	319	0	16	0	0	0	8	8
Gjoa Haven, Nunavut	198	161	2	19	0	0	0	10	6
Goose Bay, Newfoundland and Labrador	3,182	2,196	102	121	118	34	179	150	282
Hall Beach, Nunavut	335	324	2	1	0	0	0	6	2
Havre St-Pierre, Quebec	948	838	10	45	0	0	0	38	17
Hay River, Northwest Territories	672	564	6	50	2	0	0	50	0
Hearst/René Fontaine Municipal, Ontario	83	67	1	8	0	0	0	7	0
Igloolik, Nunavut	152	126	4	20	0	0	0	2	0
Inukjuak, Quebec	278	.	.	.	.	.	.	.	.
Island Lake, Manitoba	972	922	0	18	0	0	0	32	0
Ivujivik, Quebec	149	.	.	.	.	.	.	.	.
Kangiqsualujuaq, Quebec	46	.	.	.	.	.	.	.	.
Kangirsuk, Quebec	174	.	.	.	.	.	.	.	.
Kapuskasing, Ontario	314	294	1	18	0	0	1	0	0
Kimirut, Nunavut	67	67	0	0	0	0	0	0	0
Kugaaruk, Nunavut	164	159	0	0	0	0	0	3	2
Kugluktuk, Nunavut	375	340	11	18	0	0	0	2	4
Kuujuarapik, Quebec	625	604	2	7	0	0	0	12	0
Louder-de-Blanc-Sablon, Quebec	435	383	1	29	0	0	0	22	0
Lutsel'e, Northwest Territories	140	129	0	5	0	0	0	6	0
Mayo, Yukon	1,435	1,387	15	33	0	0	0	0	0
Miramichi, New Brunswick	583	220	49	185	0	1	5	107	16
Moosonee, Ontario	1,580	1,525	2	19	0	0	2	30	2
Muskoka, Ontario	1,847	593	173	835	73	0	128	39	6
Natashquan, Quebec	201	185	2	10	0	0	0	4	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	400	363	0	22	0	0	0	15	0
Old Crow, Yukon	97	76	0	7	8	0	3	3	0
Pabok, Quebec	35	8	0	5	0	0	0	22	0
Pangnirtung, Nunavut	271	249	8	12	0	0	0	2	0
Paulatuk, Northwest Territories	94	92	0	0	0	0	0	2	0
Peterborough, Ontario	892	195	193	462	0	0	0	24	18
Pickle Lake, Ontario	2,070	1,797	54	75	2	0	8	134	0
Pond Inlet, Nunavut	85	75	0	5	0	0	0	0	5
Port-Menier, Quebec	232	228	0	4	0	0	0	0	0
Prince Rupert/Digby Island, British Columbia	274	272	0	2	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	1,627	1,284	1	82	6	1	25	228	0
Puvirnituq, Quebec	582	.	.	.	.	.	.	.	.
Qikiqtarjuaq, Nunavut	53	53	0	0	0	0	0	0	0
Quaqtaq, Quebec	90	.	.	.	.	.	.	.	.
Quesnel, British Columbia	551	210	8	318	0	0	7	8	0
Red Lake, Ontario	4,622	4,040	21	180	5	0	12	359	5
Repulse Bay, Nunavut	241	231	0	1	1	0	0	6	2
Resolute Bay, Nunavut	791	391	1	6	2	0	0	149	242
Rimouski, Quebec	360	109	6	235	0	0	0	10	0
Roberval, Quebec	426	175	96	139	0	0	0	6	10
Sachs Harbour, Northwest Territories	74	68	0	0	0	0	0	6	0
Salluit, Quebec	229	.	.	.	.	.	.	.	.
Sandspit, British Columbia	925	788	0	93	0	0	4	30	10
Sanikiluaq, Nunavut	166	162	0	0	0	0	0	4	0
Sherbrooke, Quebec	433	70	24	286	2	0	13	8	30
St. Anthony, Newfoundland and Labrador	273	219	5	31	0	0	0	18	0
St-Augustin, Quebec	146	125	7	12	0	0	0	0	2
St. Theresa Point, Manitoba	562	556	0	2	0	0	0	4	0
Stephenville, Newfoundland and Labrador	209	103	2	43	9	2	9	23	18
Stony Rapids, Saskatchewan	886	845	0	14	0	0	1	26	0
Sydney, Nova Scotia	736	628	0	62	20	0	10	8	8
Taloyoak, Nunavut	181	160	0	7	0	0	0	3	11
Tasiujaq, Quebec	122	.	.	.	.	.	.	.	.
Teslin, Yukon	35	27	0	8	0	0	0	0	0
The Pas, Manitoba	367	301	1	30	0	0	4	31	0
Tillsonburg, Ontario	537	..	..	..	..	..	..	..	..
Tofino, British Columbia	739	457	18	173	9	0	32	34	16
Trois-Rivières, Quebec	472	226	28	216	0	0	0	0	2
Tuktoyaktuk, Northwest Territories	366	360	0	4	0	0	0	2	0
Tulita, Northwest Territories	168	161	0	3	0	0	0	4	0
Ulukhakot/Holman, Northwest Territories	114	108	0	2	0	0	0	4	0
Umiujaq, Quebec	204	.	.	.	.	.	.	.	.
Waskaganish, Quebec	133	132	1	0	0	0	0	0	0
Watson Lake, Yukon	574	362	8	193	0	0	0	6	5
Welland/Niagara Central, Ontario	106	6	14	79	0	0	4	3	0
Wemindji, Quebec	119	116	0	3	0	0	0	0	0
Whale Cove, Nunavut	123	118	0	0	2	0	0	3	0
Wrigley, Northwest Territories	80	68	0	10	0	0	0	2	0
Yorkton Municipal, Saskatchewan	758	459	69	168	2	0	2	8	50
Total (116)	60,619	42,555	1,717	8,224	312	45	649	2,750	1,849

Table 2-2
Itinerant movements by type of power plant

	Total itinerant movements	Aircraft			Helicopters	Gliders
		Jet	Turbo	Piston		
		number				
Amos Municipal, Quebec	137	6	34	82	15	0
Arctic Bay, Nunavut	88	2	78	0	8	0
Arviat, Nunavut	366	1	269	31	65	0
Aupaluk, Quebec	107	.	.	.	.	..
Baie-Comeau, Quebec	796	46	421	181	148	0
Baker Lake, Nunavut	1,279	0	479	225	575	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	703	37	47	480	139	0
Bathurst, New Brunswick	277	2	201	68	6	0
Beaver Creek, Yukon	39	0	6	26	7	0
Bromont, Quebec	677	35	59	536	47	0
Buffalo Narrows, Saskatchewan	643	4	510	110	19	0
Burwash, Yukon	247	0	6	87	154	0
Cambridge Bay, Nunavut	777	78	406	208	85	0
Cape Dorset, Nunavut	72	0	66	0	6	0
Charlo, New Brunswick	422	253	37	109	23	0
Chesterfield Inlet, Nunavut	152	0	141	4	7	0
Chevery, Quebec	327	0	239	25	63	0
Chibougamau/Chapais, Quebec	773	6	433	241	93	0
Collingwood, Ontario	1,155	6	57	1,013	77	2
Comox, British Columbia	1,889	303	931	266	353	36
Coral Harbour, Nunavut	249	0	228	1	20	0
Dauphin, Manitoba	339	7	120	144	68	0
Dawson, Yukon	1,824	0	195	941	688	0
Dawson Creek, British Columbia	751	20	238	360	133	0
Déline, Northwest Territories	194	0	138	50	6	0
Digby, Nova Scotia	143	6	2	132	3	0
Drummondville, Quebec	381	2	0	299	80	0
Dryden Regional, Ontario	2,161	14	1,080	562	505	0
Eastmain River, Quebec	92	0	88	3	1	0
Elliot Lake Municipal, Ontario	359	2	174	132	51	0
Eureka, Nunavut	58	0	44	0	14	0
Faro, Yukon	2	0	0	0	2	0
Flin Flon, Manitoba	644	19	463	142	20	0
Fort Frances Municipal, Ontario	609	9	323	239	38	0
Fort Good Hope, Northwest Territories	235	0	133	79	21	2
Fort Liard, Northwest Territories	182	0	16	20	146	0
Fort Resolution, Northwest Territories	28	0	20	4	4	0
Fort Simpson, Northwest Territories	291	4	176	95	16	0
Fort Smith, Northwest Territories	685	2	385	254	44	0
Gamëti/Rae Lakes, Northwest Territories	177	0	130	10	37	0
Gaspé, Quebec	381	8	271	80	22	0
Geraldton, Ontario	972	0	611	313	48	0
Gillam, Manitoba	351	0	144	193	14	0
Gjoa Haven, Nunavut	198	0	169	2	27	0
Goose Bay, Newfoundland and Labrador	3,182	497	1,941	98	482	164
Hall Beach, Nunavut	335	0	194	3	138	0
Havre St-Pierre, Quebec	948	6	191	221	530	0
Hay River, Northwest Territories	672	0	431	201	40	0
Hearst/René Fontaine Municipal, Ontario	83	2	55	11	15	0
Igloodik, Nunavut	152	0	134	0	18	0
Inukjuak, Quebec	278	.	.	.	.	..
Island Lake, Manitoba	972	2	640	152	178	0
Ivujivik, Quebec	149	.	.	.	.	..
Kangiqsualujuaq, Quebec	46	.	.	.	.	..
Kangirsuk, Quebec	174	.	.	.	.	..
Kapuskasing, Ontario	314	6	301	1	6	0
Kimirut, Nunavut	67	0	55	0	12	0
Kugaaruk, Nunavut	164	5	99	4	56	0
Kugluktuk, Nunavut	375	103	190	46	36	0
Kuujuarapik, Quebec	625	10	528	7	80	0
Lourdes-de-Blanc-Sablon, Quebec	435	4	362	52	17	0
Lutselk'e, Northwest Territories	140	0	107	26	7	0
Mayo, Yukon	1,435	0	615	645	175	0
Miramichi, New Brunswick	583	44	199	322	16	2
Moosonee, Ontario	1,580	4	875	524	177	0
Muskoka, Ontario	1,847	203	254	1,323	67	0
Natashquan, Quebec	201	0	150	20	31	0
Norway House, Manitoba	400	0	323	49	28	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	97	0	69	19	9	0
Pabok, Quebec	35	10	20	5	0	0
Pangnirtung, Nunavut	271	0	218	7	46	0
Paulatuk, Northwest Territories	94	0	61	13	20	0
Peterborough, Ontario	892	41	41	738	72	0
Pickle Lake, Ontario	2,070	1	1,535	192	342	0
Pond Inlet, Nunavut	85	0	74	0	11	0
Port-Menier, Quebec	232	1	79	152	0	0
Prince Rupert/Digby Island, British Columbia	274	0	62	212	0	0
Prince Rupert/Seal Cove, British Columbia	1,627	0	300	894	433	0
Puvirnituq, Quebec	582	.	.	.	.	..
Qikiqtarjuaq, Nunavut	53	0	46	5	2	0
Quaqtaq, Quebec	90	.	.	.	.	..
Quesnel, British Columbia	551	7	176	317	51	0
Red Lake, Ontario	4,622	10	1,902	907	1,802	1
Repulse Bay, Nunavut	241	0	205	17	19	0
Resolute Bay, Nunavut	791	23	431	23	314	0
Rimouski, Quebec	360	6	70	254	30	0
Roberval, Quebec	426	8	81	255	82	0
Sachs Harbour, Northwest Territories	74	0	50	18	6	0
Salluit, Quebec	229	.	.	.	.	..
Sandspit, British Columbia	925	38	233	18	636	0
Sanikiluaq, Nunavut	166	0	109	5	52	0
Sherbrooke, Quebec	433	42	18	344	28	1
St. Anthony, Newfoundland and Labrador	273	26	213	22	12	0
St-Augustin, Quebec	146	0	127	10	7	2
St. Theresa Point, Manitoba	562	5	434	117	6	0
Stephenville, Newfoundland and Labrador	209	80	92	14	23	0
Stony Rapids, Saskatchewan	886	4	693	178	11	0
Sydney, Nova Scotia	736	163	440	113	19	1
Taloyoak, Nunavut	181	0	140	5	36	0
Tasiujaq, Quebec	122	.	.	.	.	..
Teslin, Yukon	35	0	2	18	15	0
The Pas, Manitoba	367	14	265	46	42	0
Tillsonburg, Ontario	537	..	..	..	..	..
Tofino, British Columbia	739	26	133	517	63	0
Trois-Rivières, Quebec	472	20	15	399	36	2
Tuktoyaktuk, Northwest Territories	366	0	244	114	8	0
Tulita, Northwest Territories	168	0	104	50	14	0
Ulukhakot/Holman, Northwest Territories	114	0	84	0	30	0
Umiujaq, Quebec	204	.	.	.	.	..
Waskaganish, Quebec	133	0	120	12	1	0
Watson Lake, Yukon	574	0	69	379	126	0
Welland/Niagara Central, Ontario	106	2	1	98	0	5
Wemindji, Quebec	119	0	110	5	4	0
Whale Cove, Nunavut	123	0	97	4	22	0
Wrigley, Northwest Territories	80	0	3	24	53	0
Yorkton Municipal, Saskatchewan	758	10	112	553	83	0
Total (116)	60,619	2,295	26,490	18,525	10,573	218

Table 2-3
Itinerant movements by aircraft weight groups

	Total itinerant movements	Maximum 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						
Amos Municipal, Quebec	137	88	7	32	4	0	6	0
Arctic Bay, Nunavut	88	3	2	21	10	52	0	0
Arviat, Nunavut	366	86	7	66	5	98	104	0
Aupaluk, Quebec	107	.	..	..	.	.	.	.
Baie-Comeau, Quebec	796	221	113	261	37	104	60	0
Baker Lake, Nunavut	1,279	582	273	78	42	60	236	8
Barrie-Orillia-Lake Simcoe Regional, Ontario	703	555	50	59	18	10	9	2
Bathurst, New Brunswick	277	48	68	40	10	52	59	0
Beaver Creek, Yukon	39	26	0	13	0	0	0	0
Bromont, Quebec	677	539	32	68	15	8	8	7
Buffalo Narrows, Saskatchewan	643	50	71	420	98	0	4	0
Burwash, Yukon	247	235	0	8	4	0	0	0
Cambridge Bay, Nunavut	777	60	171	289	44	42	89	82
Cape Dorset, Nunavut	72	6	0	23	0	17	26	0
Charlo, New Brunswick	422	118	213	35	8	8	38	2
Chesterfield Inlet, Nunavut	152	9	2	23	10	58	50	0
Chevery, Quebec	327	79	9	91	148	0	0	0
Chibougamau/Chapais, Quebec	773	235	136	218	25	131	28	0
Collingwood, Ontario	1,155	1,038	96	15	4	0	0	2
Comox, British Columbia	1,889	285	107	109	451	490	122	325
Coral Harbour, Nunavut	249	20	1	37	30	149	12	0
Dauphin, Manitoba	339	133	28	153	7	12	0	6
Dawson, Yukon	1,824	1,210	408	72	8	0	125	1
Dawson Creek, British Columbia	751	485	8	17	155	69	17	0
Déline, Northwest Territories	194	32	45	27	63	0	27	0
Digby, Nova Scotia	143	96	39	0	2	0	6	0
Drummondville, Quebec	381	344	23	12	0	2	0	0
Dryden Regional, Ontario	2,161	316	590	928	29	99	191	8
Eastmain River, Quebec	92	4	0	10	8	70	0	0
Elliot Lake Municipal, Ontario	359	145	88	96	16	12	0	2
Eureka, Nunavut	58	12	2	34	2	8	0	0
Faro, Yukon	2	2	0	0	0	0	0	0
Flin Flon, Manitoba	644	96	73	359	16	95	5	0
Fort Frances Municipal, Ontario	609	140	138	321	6	4	0	0
Fort Good Hope, Northwest Territories	235	67	81	63	0	4	20	0
Fort Liard, Northwest Territories	182	154	12	16	0	0	0	0
Fort Resolution, Northwest Territories	28	4	4	8	0	0	12	0
Fort Simpson, Northwest Territories	291	80	76	52	4	10	69	0
Fort Smith, Northwest Territories	685	273	41	75	270	2	24	0
Gamèti/Rae Lakes, Northwest Territories	177	12	108	45	0	2	10	0
Gaspé, Quebec	381	65	37	14	2	207	56	0
Geraldton, Ontario	972	102	478	285	18	4	85	0
Gillam, Manitoba	351	18	179	34	0	90	30	0
Gjoa Haven, Nunavut	198	2	2	77	0	55	62	0
Goose Bay, Newfoundland and Labrador	3,182	517	285	1,037	379	625	274	65
Hall Beach, Nunavut	335	109	0	95	6	65	60	0
Havre St-Pierre, Quebec	948	510	234	68	59	33	44	0
Hay River, Northwest Territories	672	98	45	146	144	112	127	0
Hearst/René Fontaine Municipal, Ontario	83	13	8	59	0	2	1	0
Igloodlik, Nunavut	152	18	0	39	10	53	32	0
Inukjuak, Quebec	278	.	..	..	.	.	.	.
Island Lake, Manitoba	972	303	30	465	2	122	50	0
Ivujivik, Quebec	149	.	..	..	.	.	.	.
Kangiqsualujuaq, Quebec	46	.	..	..	.	.	.	.
Kangirsuk, Quebec	174	.	..	..	.	.	.	.
Kapuskasing, Ontario	314	4	45	225	10	24	6	0
Kimirut, Nunavut	67	6	6	55	0	0	0	0
Kugaaruk, Nunavut	164	54	20	27	2	31	25	5
Kugluktuk, Nunavut	375	37	38	69	8	17	99	107
Kuujuarapik, Quebec	625	79	8	253	0	112	171	2
Lourdes-de-Blanc-Sablon, Quebec	435	10	45	164	105	111	0	0
Lutselk'e, Northwest Territories	140	13	80	38	1	4	4	0
Mayo, Yukon	1,435	343	761	281	38	0	12	0
Miramichi, New Brunswick	583	296	125	44	68	38	10	2
Moosonee, Ontario	1,580	335	283	585	192	129	56	0
Muskoka, Ontario	1,847	1,289	144	172	138	64	37	3
Natashquan, Quebec	201	35	12	79	73	2	0	0

Table 2-3 – continued

Itinerant movements by aircraft weight groups

	Total itinerant movements	Maximum 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	400	53	24	323	0	0	0	0
Old Crow, Yukon	97	26	2	9	4	0	56	0
Pabok, Quebec	35	5	0	8	0	12	10	0
Pangnirtung, Nunavut	271	38	1	61	4	77	90	0
Paulatuk, Northwest Territories	94	20	4	57	0	13	0	0
Peterborough, Ontario	892	765	29	49	20	12	13	4
Pickle Lake, Ontario	2,070	243	897	428	148	6	348	0
Pond Inlet, Nunavut	85	11	0	24	12	21	17	0
Port-Menier, Quebec	232	0	152	16	35	28	1	0
Prince Rupert/Digby Island, British Columbia	274	2	272	0	0	0	0	0
Prince Rupert/Seal Cove, British Columbia	1,627	212	1,278	135	0	0	2	0
Puvirnituq, Quebec	582	.	..	..	.	.	.	.
Qikiqtarjuaq, Nunavut	53	0	5	15	5	11	17	0
Quaqtaq, Quebec	90	.	..	..	.	.	.	.
Quesnel, British Columbia	551	362	6	5	178	0	0	0
Red Lake, Ontario	4,622	1,123	1,174	1,640	232	162	291	0
Repulse Bay, Nunavut	241	30	6	82	13	88	22	0
Resolute Bay, Nunavut	791	69	129	395	17	32	73	76
Rimouski, Quebec	360	233	51	62	4	8	2	0
Roberval, Quebec	426	243	94	68	9	6	6	0
Sachs Harbour, Northwest Territories	74	4	6	50	0	14	0	0
Salluit, Quebec	229	.	..	..	.	.	.	.
Sandspit, British Columbia	925	265	18	411	46	67	94	24
Sanikiluaq, Nunavut	166	54	3	44	12	37	16	0
Sherbrooke, Quebec	433	353	42	21	5	4	6	2
St. Anthony, Newfoundland and Labrador	273	18	12	82	31	126	4	0
St-Augustin, Quebec	146	11	6	50	77	2	0	0
St. Theresa Point, Manitoba	562	107	20	247	4	130	53	1
Stephenville, Newfoundland and Labrador	209	20	7	12	16	58	74	22
Stony Rapids, Saskatchewan	886	24	165	387	169	141	0	0
Sydney, Nova Scotia	736	100	65	45	4	369	16	137
Taloyoak, Nunavut	181	31	6	29	0	69	46	0
Tasiujaq, Quebec	122	.	..	..	.	.	.	.
Teslin, Yukon	35	8	10	17	0	0	0	0
The Pas, Manitoba	367	68	38	155	14	87	5	0
Tillsonburg, Ontario	537	..	..	..	..	..	..	..
Tofino, British Columbia	739	221	358	47	39	65	9	0
Trois-Rivières, Quebec	472	358	77	8	10	9	7	3
Tuktoyaktuk, Northwest Territories	366	96	16	228	0	26	0	0
Tulita, Northwest Territories	168	41	61	22	28	2	14	0
Ulukhakot/Holman, Northwest Territories	114	30	1	57	0	0	26	0
Umiujaq, Quebec	204	.	..	..	.	.	.	.
Waskaganish, Quebec	133	11	2	8	8	104	0	0
Watson Lake, Yukon	574	371	116	40	47	0	0	0
Welland/Niagara Central, Ontario	106	77	26	0	0	1	2	0
Wemindji, Quebec	119	7	4	26	10	72	0	0
Whale Cove, Nunavut	123	26	0	20	0	0	77	0
Wrigley, Northwest Territories	80	63	12	5	0	0	0	0
Yorkton Municipal, Saskatchewan	758	376	214	139	13	6	2	8
Total (116)	60,619	18,319	11,396	14,032	4,018	5,433	3,997	906

Table 3
Local movements by type of operation

	Total local movements	Local civil movements	Local military movements
	number		
Amos Municipal, Quebec	63	63	0
Aupaluk, Quebec	196	.	.
Baie-Comeau, Quebec	28	28	0
Baker Lake, Nunavut	25	25	0
Barrie-Orillia-Lake Simcoe Regional, Ontario	1,261	1,261	0
Cambridge Bay, Nunavut	62	62	0
Chibougamau/Chapais, Quebec	140	140	0
Collingwood, Ontario	264	264	0
Coral Harbour, Nunavut	4	4	0
Dauphin, Manitoba	4	2	2
Dawson Creek, British Columbia	604	604	0
Digby, Nova Scotia	83	83	0
Drummondville, Quebec	396	396	0
Dryden Regional, Ontario	60	60	0
Eastmain River, Quebec	5	5	0
Elliot Lake Municipal, Ontario	70	70	0
Geraldton, Ontario	54	48	6
Gjoa Haven, Nunavut	2	2	0
Havre St-Pierre, Quebec	4	4	0
Hay River, Northwest Territories	4	4	0
Igloolik, Nunavut	4	4	0
Kangirsuk, Quebec	94	.	.
Kapuskasing, Ontario	140	140	0
Kugaaruk, Nunavut	5	5	0
Kugluktuk, Nunavut	331	331	0
Lourees-de-Blanc-Sablon, Quebec	2	2	0
Muskoka, Ontario	516	516	0
Norway House, Manitoba	16	4	12
Peterborough, Ontario	3,394	3,386	8
Pickle Lake, Ontario	14	14	0
Puvirnituq, Quebec	262	.	.
Quesnel, British Columbia	122	122	0
Red Lake, Ontario	198	198	0
Repulse Bay, Nunavut	8	7	1
Rimouski, Quebec	76	76	0
Roberval, Quebec	146	146	0
Salluit, Quebec	181	.	.
Sanikiluaq, Nunavut	2	2	0
Sherbrooke, Quebec	1,002	996	6
Sydney, Nova Scotia	36	34	2
The Pas, Manitoba	6	6	0
Tillsonburg, Ontario	1,263	..	..
Tofino, British Columbia	10	10	0
Trois-Rivières, Quebec	60	60	0
Umiujaq, Quebec	4	.	.
Waskaganish, Quebec	104	104	0
Welland/Niagara Central, Ontario	2,191	2,191	0
Yorkton Municipal, Saskatchewan	96	86	10
Total (48)	13,612	11,565	47

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
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 August, 2010 but were not available in August, 2011:

1. Clyde River, Nunavut
2. Fort McPherson, Northwest Territories
3. Grise Fiord, Nunavut
4. Guelph, Ontario
5. Nakina, Ontario

b) Data for the following airports are included in August, 2011 but not in August, 2010:

1. Eastmain River, Quebec
 2. Fort Smith, Northwest Territories
 3. Sachs Harbour, Northwest Territories
 4. Ulukhakot/Holman, Northwest Territories
 5. Wrigley, Northwest Territories
5. In January 2011, the airport at Nanisivik, Nunavut was closed due to cessation of mining operations. A new airport was opened at Arctic Bay, Nunavut.

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.