Aircraft movement statistics

Transport Canada   **TP 1496**

ASC-SB-333

Aircraft Movement Statistics October 2006 (Preliminary)

Airports with NAV CANADA Air Traffic Control Towers

The data in this bulletin represent preliminary monthly statistics for airports with NAV CANADA air traffic control towers.

The 42 Canadian airports with NAV CANADA air traffic control towers reported 382,239 aircraft take-offs and landings in October up 1.9% compared with October 2005 (374,974 movements). Year-over-year increases in aircraft movements were reported by 23 of the airports in October 2006. The variations ranged from 35.6% for Moncton/Greater Moncton International to -28.6% for Edmonton/Villeneuve.

Itinerant movements (flights from one airport to another) increased by 2.3% (+5,991 movements) in October 2006 compared with the same month a year earlier. Local movements (flights that remain in the vicinity of the airport) increased by 1.1% (+1,274 movements) in October 2006 compared with October 2005.

In terms of itinerant movements, the year-over-year variations for October ranged from a 22.7% increase (+1,227 movements) for Boundary Bay, B.C. to a decline of 39.3% (-1,068 movements) for Edmonton/Villeneuve. Twenty-four airports recorded increases in itinerant movements compared to 18 airports in September 2006.

In terms of local movements, the year-over-year variations for October ranged from a 100% increase (+6 movements) for Vancouver Harbour to a 58.0% decrease (-701 movements) for Edmonton International. Eighteen airports recorded increases in local movements compared with 19 airports in September 2006.

More detailed statistics for airports with NAV CANADA air traffic control towers and flight service stations will be released in the Aircraft Movement Statistics monthly report (TP141 - Volume 1). Statistics for airports without air traffic control towers will appear in TP 141 – Volume 2. Upon release, the TP141 reports are available (free) on-line at *http://www.tc.gc.ca/pol/en/Report/tp141e/tp141.htm*

For further information concerning this bulletin, please contact Aviation Statistics Centre, Statistics Canada (1-866-500-8400). Internet: *aviationstatistics@statcan.ca*

November 2006

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Aircraft Movements by Class of Operation - October - Preliminary, Airports with NAV CANADA Towers

Airports	2005 Total	2006 Total	% change 2006 / 2005	2006 Itinerant	2006 Local
Abbotsford	12,903	15,374	19.2	5,652	9,722
Boundary Bay	14,048	16,960	20.7	6,630	10,330
Calgary International	19,266	20,475	6.3	20,129	346
Calgary/Springbank	12,767	11,729	-8.1	4,857	6,872
Chicoutimi/St-Honoré	7,235	6,445	-10.9	1,816	4,629
Edmonton City Centre	6,796	6,738	-0.9	5,442	1,296
Edmonton International	9,824	10,529	7.2	10,022	507
Edmonton/Villeneuve	6,283	4,488	-28.6	1,650	2,838
Gander International	4,133	3,941	-4.6	2,271	1,670
Halifax International	7,188	7,097	-1.3	6,399	698
Hamilton	5,546	6,065	9.4	3,841	2,224
Kelowna	6,265	7,213	15.1	4,565	2,648
Kitchener/Waterloo	9,723	7,760	-20.2	3,730	4,030
Langley	7,059	6,605	-6.4	2,702	3,903
London	9,439	7,324	-22.4	4,510	2,814
Moncton/Greater Moncton International	6,561	8,899	35.6	4,532	4,367
Montréal/Mirabel International	2,798	2,165	-22.6	1,644	521
Montréal/Pierre Elliott Trudeau International	18,311	18,513	1.1	18,513	0
Montréal/St-Hubert	9,560	12,013	25.7	5,421	6,592
Oshawa	4,855	4,054	-16.5	1,580	2,474
Ottawa/Macdonald-Cartier International	13,116	12,783	-2.5	9,668	3,115
Pitt Meadows	7,330	9,631	31.4	3,549	6,082
Prince George	4,023	3,528	-12.3	2,228	1,300
Québec/Jean Lesage International	9,926	9,410	-5.2	7,528	1,882
Regina International	5,272	5,403	2.5	3,703	1,700
Saskatoon/John G Diefenbaker International	8,504	9,151	7.6	5,524	3,627
Sault Ste. Marie	5,055	4,147	-18.0	2,281	1,866
St. John's International	3,857	3,586	-7.0	3,298	288
St-Jean	2,829	3,061	8.2	2,275	786
Sudbury	2,720	2,807	3.2	2,413	394
Thunder Bay	9,487	9,914	4.5	5,472	4,442
Toronto/Buttonville Municipal	13,227	11,452	-13.4	6,248	5,204
Toronto/City Centre	5,581	5,449	-2.4	2,887	2,562
Toronto/Lester B Pearson International	35,072	35,532	1.3	35,532	0
Vancouver Harbour	4,514	5,243	16.1	5,231	12
Vancouver International	25,751	26,175	1.6	26,175	0
Victoria International	11,589	12,185	5.1	7,779	4,406
Whitehorse International	1,400	1,567	11.9	1,231	336
Windsor	2,345	2,163	-7.8	1,541	622
Winnipeg International	11,010	11,621	5.5	10,767	854
Winnipeg/St. Andrews	7,563	8,002	5.8	3,168	4,834
Yellowknife	4,243	5,042	18.8	4,344	698
Total (42)	**374,974**	**382,239**	**1.9**	**268,748**	**113,491**

Data Source and Methodology

Aircraft Movement Statistics are accumulated from data originating with air traffic control tower units. Because staff in these units are highly trained in factual observation and actual reporting, the entries into the data base are of a very high quality. To maintain uniformity in the reporting of source data, the Aviation Statistics Centre (ASC) issues air traffic control units 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. Data errors caused during transcription and transmission on the NAV CANADA Aircraft Movement Statistics (NCAMS) network are identified as part of the built-in editing procedures. Furthermore, extensive editing cycles are part of the computer processing programs. All identified errors are manually corrected by ASC editing staff.

Collection

The records are completed daily, based on a twenty-four hour clock running from zero hour to 23:59. The times recorded are Greenwich Mean Time (GMT); however, published statistics are shown in local times. The records are transmitted electronically to the Aviation Statistics Centre (ASC). The Aviation Statistics Centre maintains a data bank of current information on all registered aircraft. 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. The data in the bank include 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. The data also provide a basis for identifying type of flights (commercial, private and government) and the geographical area in which the flights take place. The data bank also includes an Airport Environmental file against which the airport category is checked; the reported runway is validated and the time difference between GMT and local is allocated.

Symbols

.   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

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