

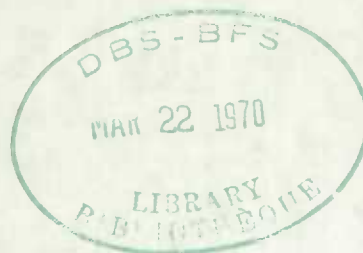
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## CIVIL AVIATION

OCTOBER 1969

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In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

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### SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" publications are prepared from monthly, quarterly and annual reports filed with the Air Transport Committee of the Canadian Transport Commission and the Aviation Statistics Centre, Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly reports filed with the Dominion Bureau of Statistics by foreign carriers operating scheduled services into Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. Descriptions of these groups are to be found from page twenty to twenty-two of this publication. In January 1969, 3 former Group III carriers were transferred to Group IV but ten other carriers were raised from Group IV to Group III thus increasing Group III by a net figure of 7 companies. Transfers between Groups IV and V resulted in an enlargement of Group IV by three companies.

It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee for purposes of regulation, is included with Group III carriers for statistical purposes. The largest number of carriers (approximately 320) is found in Group V. These are smaller companies which report on a quarterly basis only and whose business is highly seasonal. Statistics concerning their operations are excluded from those of the approximately 120 carriers which report on a monthly basis (Groups I-IV).

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

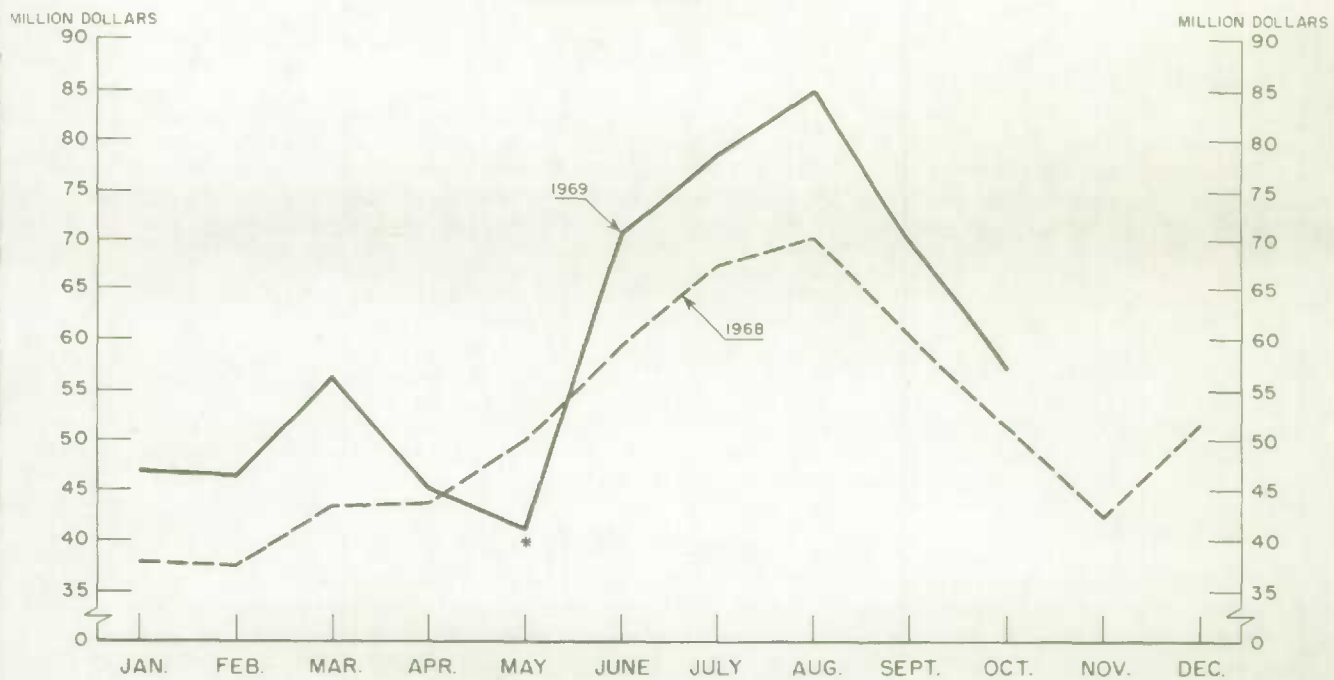
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded.

Information published concerning foreign carriers is also different from that shown for Canadian carriers in that hours and mileages reported by foreign carriers cover flying over Canadian territory only. Passengers and goods in transit through Canada have not been counted.

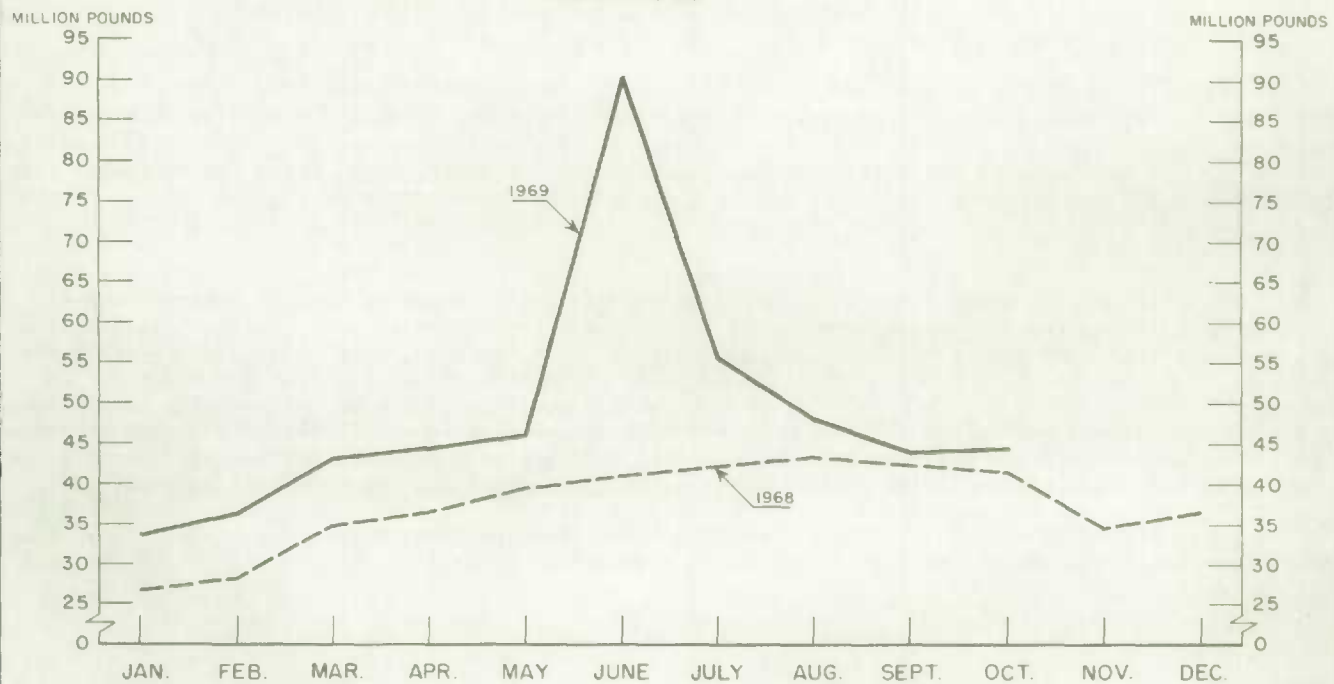


# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1968-1969



\*AIR CANADA STRIKE APRIL 20<sup>th</sup> TO MAY 20<sup>th</sup>, 1969.

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1968-1969



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL.)

## REVIEW OF OCTOBER OPERATIONS

Totals for the month of October show that conditions in the commercial aviation business continued to follow the path taken in September. Operations expanded and traffic and revenues increased in most areas but operating income declined compared to the same month a year earlier. The trans-continental and regional air carriers especially reported decreased operating income (in some cases the change was from an operating income to an operating loss) as a result of having expenses grow in greater proportion than revenues. In contrast to this trend among the larger companies carriers in the third level (Group III) and local service and specialty operators (Group IV) reported some improvement in operating income compared to figures shown for October 1968. The major items of growth were charter transportation of both passengers and goods, helicopter operations and certain types of specialty flying.

Increases in operating expenses caused Air Canada to show a reduction in operating income of over \$1.7 million while the six major carriers as a group reported a drop in operating income from \$2.1 million to an operating loss of \$1.3 million. Flying operations expenses for the six major carriers increased by almost \$2 million while passenger service, aircraft and traffic servicing, and promotion and sales expenses each increased by over \$1 million. These increased expenses more than offset the increase in revenues which rose from \$45 million to \$49 million. Part of the increase in operating expenses was due to the acquisition of larger, faster aircraft. The increase in speed of aircraft used by the major carriers can be seen from the fact that the number of hours flown in unit toll services remained almost the same in October 1969 as it was in October 1968 while the number of miles flown increased by approximately ten per cent to 11.9 million. Further evidence of the increase in speed and capacity of aircraft can be seen in the growth of available seat-miles by almost 175 million while the passenger load factor on scheduled services declined from 52.1 to 48.5. In connection with this problem of additional capacity over routes it is interesting to note that the number of unit toll passenger-miles reported for the TransAtlantic route declined by more than 9 million and the passenger load factor was reduced to 41.9 from 45.5. At the same time as unit toll TransAtlantic traffic showed a decline, charter traffic more than doubled as passenger-miles over the route rose from 31.5 million in 1968 to 64.7 million in 1969.

Goods traffic reported by the six major carriers increased by 20 per cent over the weight carried in October 1968. Notable among the increases were gains of 400,000 lbs. in unit toll freight and more than 2.6 million pounds in charter operations performed by Pacific Western Airlines. This company has been heavily engaged in supplying materials for exploration and development of oil resources in the far north of Canada and in Alaska.

Companies operating helicopters showed an improvement in operating income sufficient to bring the figure out of the red where it had been a year earlier. For the first ten months of 1969 the approximately 23 companies operating helicopters exclusively showed an operating income of \$3.2 million compared to \$2.3 million for the same period a year earlier. In making these gains the companies flew an additional 900 hours during the month and a total of 17,000 hours more during the first ten months of the year. Their financial position was also aided by a reduction of 1,000 in the number of non-revenue hours flown.

Specialty flying services performed by fixed-wing aircraft showed a decline during the month and year-to-date figures indicate a lower level activity for the entire period. Hardest hit among the types of specialty flying have been flying training (which was lower by 1,600 hours for the month and more than 13,000 hours for the ten months) and aircraft rental (which was lower by 450 hours for the month and 1,700 hours for the ten months). Some types of specialty flying with fixed-wing aircraft such as aerial photography and survey and aerial inspection, reconnaissance and advertising showed increases during the month and during the year-to-date. Specialty flying activities by helicopters show a trend opposite to that displayed by fixed-wing aircraft. Flying training increased from 99 hours to 399 hours during the month and revenues for all types of specialty flying increased by over \$130,000. Over the ten month period to the end of October however, helicopter specialty flying activities and revenues show a downward trend similar to that displayed by fixed-wing aircraft.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

October 1969

	Canadian carriers				Foreign carriers(2)		Grand total all carriers	Year to date		
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers			Other Foreign carriers (3)	
	Group I and II(1)	Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	35	77	112	118	11	11	140	..	
Revenue transportation services:										
Unit toll:										
Departures(9) .....	No.									
Hours flown .....	"	35,760	4,800	1,722	6,522	42,282	813	1,792	44,887	437,174
Miles scheduled .....	"	11,849,969	...	...	...	11,849,969	286,238	692,552	12,828,759	120,553,045
Miles flown:(4)										
Scheduled .....	"	11,758,512	...	...	...	11,758,512	275,260	674,788	12,708,560	122,487,079
Non-scheduled .....	"	214,562	741,328	222,265	963,593	1,178,155	-	-	1,178,155	12,302,824
Totals .....	"	11,973,074	741,328	222,265	963,593	12,936,667	275,260	674,788	13,886,715	134,789,903
Passengers carried .....	"	755,427	25,563	6,958	32,521	787,948	188,106	42,173	1,018,227	10,122,903
Goods carried:										
Cargo .....	lb.	23,525,147	1,353,936	300,386	1,654,322	25,179,469	3,768,187	6,244,622	35,409,000	303,845,932
Excess baggage(5) .....	"	143,555	63,106	10,061	73,167	216,722				
Mail .....	"	5,643,281	391,991	66,056	458,047	6,101,328	901,807	294,506	7,297,641	64,309,200
Totals .....	"	29,311,983	1,809,033	376,503	2,185,536	31,497,519	4,669,994	6,539,128	42,706,641	368,155,132
Passenger-miles .....	No.	631,899,976	5,909,684	3,177,069	9,086,753	640,986,729	10,593,248	33,977,333	685,557,310	7,508,699,984
Goods ton-miles:										
Cargo .....	"	19,643,986	456,783	206,661	663,444	20,307,430	126,412	1,793,408	22,338,866	194,194,305
Excess baggage(5) .....	"	78,949	25,381	7,286	32,667	111,616				
Mail .....	"	3,064,852	92,491	17,476	109,967	3,174,819	24,870	116,143	3,315,832	28,852,534
Totals .....	"	22,787,787	574,655	231,423	806,078	23,593,865	151,282	1,909,551	25,654,698	223,046,839
Bulk:										
Departures .....	"	1,394	13,613	17,349	30,962	32,356	..	..	..	..
Hours flown .....	"	2,352	18,742	15,772	34,514	36,866	3	113	36,982	434,261
Miles flown .....	"	616,836	1,614,040	1,706,946	3,320,986	3,937,822	518	39,226	3,977,566	46,267,619
Passengers carried .....	"	16,341	36,470	32,406	68,876	85,217	440	5,089	90,746	1,078,874
Freight carried .....	lb.	3,311,023	7,065,898	3,938,085	11,003,983	14,315,006	-	-	14,315,006	217,759,326
Passenger-miles(6) .....	No.	38,731,168	45,030,176	853,357	45,883,533	84,614,701	..	..	..	..
Goods ton-miles(6) .....	"	945,459	1,223,841	84,697	1,308,538	2,253,997	..	..	..	..
Revenue non-transportation services:										
Specialty flying - Hours flown	"	336	2,720	12,626	15,346	15,682	-	-	15,682	206,450

See footnotes at end of table.



TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

October 1969

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date	
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)			
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures(9) .....	No.									
Hours flown .....	"	38,448	26,262	30,120	56,382	94,830	816	1,905	97,551	1,077,885
Miles flown .....	"	12,589,910	2,355,368	1,929,211	4,284,579	16,874,489	275,778	714,014	17,864,281	181,057,522
Passengers carried .....	"	771,768	62,033	39,364	101,397	873,165	188,546	47,262	1,108,973	11,201,777
Cargo carried .....	lb.	26,836,170	8,419,834	4,238,471	12,658,305	39,711,197(8)	3,768,187	6,244,622	49,724,006	521,605,258
Goods carried(5) .....	"	32,623,006	8,874,931	4,314,588	13,189,519	45,812,525	4,669,994	6,539,128	57,021,647	585,914,458
Passenger-miles(6) .....	No.	670,631,144	50,939,860	4,030,426	54,970,286	725,601,430	..	..	..	..
Goods ton-miles(6) .....	"	23,733,246	1,798,496	316,120	2,114,616	25,847,862	..	..	..	..
Non-revenue:(10)										
Hours flown .....	"	931	1,475	881	2,356	3,287	9	9	3,305	34,894
Passengers carried .....	"									
Goods carried .....	lb.									
Passenger-miles .....	No.									
Goods ton-miles .....	"									
Fuel and oil consumed:										
Turbo fuel - Quantity .....	gal.	34,322,021	1,522,406	102,060	1,624,466	35,946,487	1,191,905	5,394,610	42,533,002	418,385,741
Cost .....	\$	5,462,665	320,123	31,147	351,270	5,813,935	214,201	1,223,914	7,252,050	67,003,697
Gasoline - Quantity .....	gal.	496,950	884,764	532,259	1,417,023	1,913,973	-	-	1,913,972	23,034,548
Cost .....	\$	179,320	397,681	230,622	628,303	807,623	-	-	807,623	9,808,561
Turbo oil - Quantity .....	gal.	5,390	345	133	478	5,868	259	76	6,203	71,112
Cost .....	\$	49,836	1,562	742	2,304	52,140	1,864	745	54,749	565,884
Other oil - Quantity .....	gal.	5,856	12,083	7,553	19,636	25,492	-	-	25,492	338,495
Cost .....	\$	6,780	23,328	13,509	36,837	43,617	-	-	43,617	527,120
Average number of employees:										
Pilots and co-pilots .....	No.	1,918	673	575	1,248	3,166	..	..	..	..
Other flight personnel .....	"	2,455	173	29	202	2,657	..	..	..	..
General management .....	"	505	191	160	351	856	..	..	..	..
Maintenance labour .....	"	4,708	755	421	1,176	5,884	..	..	..	..
Aircraft & traffic servicing .....	"	8,640	269	92	361	9,001	..	..	..	..
Other personnel .....	"	6,600	318	275	593	7,193	..	..	..	..
Totals .....	"	24,826	2,379	1,552	3,931	28,757	651	841	30,249	29,774
Salaries and wages paid:										
Pilots and co-pilots .....	\$	3,053,398	651,031	449,643	1,100,674	4,154,072	..	..	..	..
Other flight personnel .....	\$	1,636,148	83,938	15,406	99,344	1,735,492	..	..	..	..
General management .....	\$	624,874	200,753	109,533	310,286	935,160	..	..	..	..
Maintenance labour .....	\$	4,108,387	474,820	230,212	705,032	4,813,419	..	..	..	..
Aircraft & traffic servicing .....	\$	5,817,506	148,872	43,812	192,684	6,010,190	..	..	..	..
Other personnel .....	\$	4,678,970	209,482	145,904	355,386	5,034,356	..	..	..	..
Totals .....	\$	19,919,283	1,768,896	994,510	2,763,406	22,682,689	513,347	617,115	23,813,151	203,294,928

(1) Group II non-scheduled carriers included with Group III for statistical purposes.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada excess baggage.

(6) Excludes chartered aircraft with maximum weight less than 18,000 lbs.

(7) Specialty flying services not included except for hours flown.

(8) Includes excess baggage.

(9) Information concerning unit toll departures not collected during 1969.

(10) "Non-revenue" data not collected in 1969 except for "hours flown".

Note: Statistics in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

October 1969

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers .....	35,778,312	2,789,386	38,567,698	739,780	137,564	877,344	39,445,042	407,342,990
Express .....	929,796	58,097	987,893	13,165	677	13,842	1,001,735	7,877,211
Freight .....	4,069,912	399,166	4,469,078	239,793	51,024	290,817	4,759,895	39,620,282
Excess baggage .....	172,604	33,495	206,099	17,469	2,817	20,286	226,385	2,228,388
Mail .....	1,972,252	180,166	2,152,418	134,419	12,678	147,097	2,299,515	21,241,339
Total unit toll transportation ..	42,922,876	3,460,310	46,383,186	1,144,626	204,760	1,349,386	47,732,572	478,310,210
Bulk transportation .....	878,602	827,724	1,706,326	4,112,694	1,606,785	5,719,479	7,425,805	94,017,717
Total transportation .....	43,801,478	4,288,034	48,089,512	5,257,320	1,811,545	7,068,865	55,158,377	572,327,927
Other flying services .....	15,849	54,154	70,003	377,074	472,839	849,913	919,916	12,415,240
Total flying services .....	43,817,327	4,342,188	48,159,515	5,634,394	2,284,384	7,918,778	56,078,293	584,743,167
Non-flying services .....	673,998	211,550	885,548	304,031	171,765	475,796	1,361,344	12,451,410
Total operating revenues .....	44,491,325	4,553,738	49,045,063	5,938,425	2,456,149	8,394,574	57,439,637	597,194,577
Operating expenses:								
Flying operations .....	10,980,444	1,989,592	12,970,036	2,525,728	1,170,294	3,696,022	16,666,058	159,769,612
Maintenance .....	7,713,820	1,217,825	8,931,645	1,625,024	618,910	2,243,934	11,175,579	101,819,378
General services and administration:								
Passenger service .....	5,033,400	379,301	5,412,701	...	...	...	...	...
Aircraft and traffic servicing ....	7,033,885	944,532	7,978,417	...	...	...	...	...
Promotion and sales .....	7,598,680	244,012	7,842,692	...	...	...	...	...
General administration .....	2,413,600	347,273	2,760,873	...	...	...	...	...
Totals .....	22,079,565	1,915,118	23,994,683	1,226,240	437,650	1,663,890	25,658,573	240,867,991
Depreciation and amortization .....	4,113,327	369,644	4,482,971	546,085	323,528	869,613	5,352,584	50,036,905
Total operating expenses .....	44,887,156	5,492,179	50,379,335	5,923,077	2,550,382	8,473,459	58,852,794	552,493,886
Operating income (loss) .....	Dr. 395,831	Dr. 938,441	Dr. 1,334,272	15,348	Dr. 94,233	Dr. 78,885	Dr. 1,413,157	44,700,691
Non-operating income - Net:								
Capital gains and losses .....	39,687	93,142	132,829	28,231	308,954	337,185	470,014	2,966,274
Interest and discounts .....	768,175	73,154	841,329	64,915	9,958	74,873	916,202	7,261,722
Miscellaneous non-operating income ..	Dr. 35,605	Dr. 2,628	Dr. 38,233	Dr. 1,696	23,230	21,534	Dr. 16,699	Dr. 347,609
Income before interest expense .....	376,426	Dr. 774,773	Dr. 398,347	106,798	247,909	354,707	Dr. 43,640	54,581,078
Interest expense .....	2,584,222	295,831	2,880,053	261,199	93,126	354,325	3,234,378	30,377,016
Income before income taxes .....	Dr. 2,207,796	Dr. 1,070,604	Dr. 3,278,400	Dr. 154,401	154,783	382	Dr. 3,278,018	24,204,062
Provision for income taxes .....	Cr. 800,000	Cr. 271,500	Cr. 1,071,500	Cr. 23,783	22,280	Cr. 1,503	Cr. 1,073,003	8,326,639
Net income after income taxes .....	Dr. 1,407,796	Dr. 799,104	Dr. 2,206,900	Dr. 130,618	132,503	1,885	Dr. 2,205,015	15,877,423

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Domestic Carriers - Air Services, by Company

October 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers .....	27,665,818	8,112,494	454,164	1,330,477	570,139	434,606	38,567,698	398,986,977
Express .....	840,862	88,934	7,175	35,336	-	15,586	987,893	7,766,835
Freight .....	3,108,560	961,352	79,746	171,483	100,124	47,813	4,469,078	36,688,112
Excess baggage .....	124,901	47,703	9,414	14,821	7,791	1,469	206,099	2,070,848
Mail .....	1,416,369	555,883	54,018	92,586	10,078	23,484	2,152,418	19,834,371
Total unit toll transportation ..	33,156,510	9,766,366	604,517	1,644,703	688,132	522,958	46,383,186	465,347,143
Bulk transportation .....	661,712	216,890	96,653	598,747	29,562	102,762	1,706,326	30,114,330
Total transportation .....	33,818,222	9,983,256	701,170	2,243,450	717,694	625,720	48,089,512	495,461,473
Other flying services .....	15,849	-	54,154	-	-	-	70,003	798,252
Total flying services .....	33,834,071	9,983,256	755,324	2,243,450	717,694	625,720	48,159,515	496,259,725
Non-flying services .....	512,517	161,481	190,738	-	16,174	4,638	885,548	8,660,469
Total operating revenues .....	34,346,588	10,144,737	946,062	2,243,450	733,868	630,358	49,045,063	504,920,194
Operating expenses:								
Flying operations .....	7,736,857	3,243,587	407,002	1,073,063	277,579	231,948	12,970,036	124,343,993
Maintenance .....	6,446,581	1,267,239	273,880	547,232	199,939	196,774	8,931,645	79,888,713
General services and administration:								
Passenger service .....	3,809,323	1,224,077	84,461	185,037	47,037	62,766	5,412,701	49,997,497
Aircraft and traffic servicing ....	5,711,076	1,322,809	160,215	444,895	210,335	129,087	7,978,417	73,796,527
Promotion and sales .....	5,426,084	2,172,596	44,671	154,812	18,793	25,736	7,842,692	77,523,193
General administration .....	1,738,621	674,979	56,583	159,686	71,198	59,806	2,760,873	24,267,426
Totals .....	16,685,104	5,394,461	345,930	944,430	347,363	277,395	23,994,683	225,584,643
Depreciation and amortization .....	3,658,916	454,411	51,597	163,393	68,092	86,562	4,482,971	42,437,092
Total operating expenses .....	34,527,458	10,359,698	1,078,409	2,728,118	892,973	792,679	50,379,335	472,254,441
Operating income (loss) .....	Dr. 180,870	Dr. 214,961	Dr. 132,347	Dr. 484,668	Dr. 159,105	Dr. 162,321	Dr. 1,334,272	32,665,753
Non-operating income - Net:								
Capital gains and losses .....	-	39,687	1,125	92,017	-	-	132,829	1,827,775
Interest and discounts .....	734,320	33,855	237	22,917	50,000	-	841,329	7,016,576
Miscellaneous non-operating income ..	20,293	Dr. 55,898	347	Dr. 2,782	Dr. 150	Dr. 43	Dr. 38,233	561,600
Income before interest expense .....	573,743	Dr. 197,317	Dr. 130,638	Dr. 372,516	Dr. 109,255	Dr. 162,364	Dr. 398,347	40,948,504
Interest expense .....	2,185,359	398,863	42,281	111,953	111,368	30,229	2,880,053	26,915,888
Income before income taxes .....	Dr. 1,611,616	Dr. 596,180	Dr. 172,919	Dr. 484,469	Dr. 220,623	Dr. 192,593	Dr. 3,278,400	14,032,616
Provision for income taxes .....	Cr. 800,000	-	-	Cr. 271,500	-	-	Cr. 1,071,500	7,359,500
Net income after income taxes .....	Dr. 811,616	Dr. 596,180	Dr. 172,919	Dr. 212,969	Dr. 220,623	Dr. 192,593	Dr. 2,206,900	6,673,116

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

October 1969

	Group I carriers			Group II carriers(1)					Grand total	
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total		
Revenue transportation services:										
Unit toll:										
Departures(6) .....	No.									
Hours flown .....	"	24,703	5,451	30,154	1,236	1,773	1,167	1,430	5,606	35,760
Miles scheduled .....	"	8,414,419	2,410,299	10,824,718	92,498	462,903	226,739	243,111	1,025,251	11,849,969
Miles flown:(1)										
Scheduled - Regular .....	"	8,231,253	2,347,846	10,579,099	88,535	433,519	214,036	218,814	954,904	11,534,003
Extra sections.....	"	161,545	11,442	172,987	1,423	48,779	-	1,320	51,522	224,509
Non-scheduled .....	"	-	-	-	184,325	-	-	30,237	214,562	214,562
Totals .....	"	8,392,798	2,359,288	10,752,086	274,283	482,298	214,036	250,371	1,220,988	11,973,074
Ratio of regular miles flown to miles scheduled .....		97.8	97.4	97.7	95.7	93.7	94.4	90.0	93.1	97.3
Passengers carried .....	No.	565,145	90,077	655,222	11,901	57,642	16,268	14,394	100,205	755,427
Goods carried:										
Freight .....	lb.	16,020,158	2,900,273	18,920,431	636,906	1,101,563	430,403	396,674	2,565,546	21,485,977
Express .....	"	1,690,735	179,928	1,870,663	15,873	106,655	-	45,979	168,507	2,039,170
Excess baggage(2) .....	"	-	30,671	30,671	26,727	49,920	36,237	-	112,884	143,555
Mail .....	"	4,547,114	376,600	4,923,714	256,096	338,350	48,865	76,256	719,567	5,643,281
Totals .....	"	22,258,007	3,487,472	25,745,479	935,602	1,596,488	515,505	518,909	3,566,504	29,311,983
Passenger-miles:(1)										
Scheduled .....	No.	457,842,856	143,493,307	601,336,163	1,682,238	14,883,329	5,878,198	4,732,542	27,176,307	628,512,470
Non-scheduled .....	"	-	-	-	3,270,079	-	-	117,427	3,387,506	3,387,506
Totals .....	"	457,842,856	143,493,307	601,336,163	4,952,317	14,883,329	5,878,198	4,849,969	30,563,813	631,899,976
Available seat-miles on scheduled services(1) .....	"	890,014,371	342,588,371	1,232,602,742	6,669,773	37,825,450	10,119,892	9,729,491	64,344,606	1,296,947,348
Passenger load factor on scheduled services(1) .....		51.4	41.9	48.8	25.2	39.3	58.1	48.6	44.8	48.5
Goods ton-miles:(1)										
Freight - Scheduled .....	No.	14,045,670	4,016,865	18,062,535	23,488	336,859	79,811	65,355	505,513	18,568,048
Non-scheduled .....	"	-	-	-	138,250	-	-	19,755	158,005	158,005
Totals .....	"	14,045,670	4,016,865	18,062,535	161,738	336,859	79,811	85,110	663,518	18,726,053
Express - Scheduled(1) .....	"	800,804	81,518	882,322	1,539	24,607	-	8,644	34,790	917,112
Non-scheduled .....	"	-	-	-	821	-	-	-	821	821
Totals .....	"	800,804	81,518	882,322	2,360	24,607	-	8,644	35,611	917,933

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

October 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles(1) - Concluded:									
Excess baggage - Scheduled(2) .... No.	..	51,142	51,142	3,495	11,123	8,662	-	23,280	74,422
Non-scheduled ... "	..	-	-	4,527	-	-	-	4,527	4,527
Totals ..... "	..	51,142	51,142	8,022	11,123	8,662	-	27,807	78,949
Mail - Scheduled(1) ..... "	2,246,592	648,545	2,895,137	36,151	88,569	8,735	7,974	141,429	3,036,566
Non-scheduled ..... "	-	-	-	22,419	-	-	5,867	28,286	28,286
Totals ..... "	2,246,592	648,545	2,895,137	58,570	88,569	8,735	13,841	169,715	3,064,852
Total - Scheduled(1, 2) ..... "	17,093,066	4,798,070	21,891,136	64,673	461,158	97,208	81,973	705,012	22,596,148
Non-scheduled ..... "	-	-	-	166,017	-	-	25,622	191,639	191,639
Totals ..... "	17,093,066	4,798,070	21,891,136	230,690	461,158	97,208	107,595	896,651	22,787,787
Available ton-miles on scheduled services(1) ..... "	140,887,668	47,580,439	188,468,107	707,006	4,742,924	1,208,580	1,149,500	7,808,010	196,276,117
Weight load factor on scheduled services(1, 3) ..... "	44.6	40.2	43.5	32.9	41.1	56.7	48.3	43.8	43.5
Bulk:									
Departures ..... No.	227	25	252	729	294	64	55	1,142	1,394
Hours flown ..... "	614	113	727	714	528	117	266	1,625	2,352
Miles flown ..... "	256,829	50,512	307,341	69,339	166,863	22,301	50,992	309,495	616,836
Passengers carried ..... "	9,258	2,293	11,551	1,522	2,049	695	524	4,790	16,341
Freight carried ..... lb.	-	-	-	165,167	2,890,866	-	254,990	3,311,023	3,311,023
Passenger-miles(4) ..... No.	23,482,009	9,541,656	33,023,665	169,481	4,044,560	770,968	722,494	5,707,503	38,731,168
Goods ton-miles(4) ..... "	-	-	-	5,628	790,090	-	149,741	945,459	945,459
Revenue non-transportation services:									
Specialty flying - Hours flown ..... "	57	-	57	279	-	-	-	279	336
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures(6) ..... "									
Hours flown ..... "	25,374	5,564	30,938	2,229	2,301	1,284	1,696	7,510	38,448
Miles flown ..... "	8,649,627	2,409,800	11,059,427	343,622	649,161	236,337	301,363	1,530,483	12,589,910
Passengers carried ..... "	574,403	92,370	666,773	13,423	59,691	16,963	14,918	104,995	771,768
Cargo carried ..... lb.	17,710,893	3,080,201	20,791,094	817,946	4,099,084	430,403	697,643	6,045,076	26,836,170
Goods carried(2) ..... "	22,258,007	3,487,472	25,745,479	1,100,769	4,487,354	515,505	773,899	6,877,527	32,623,006
Passenger-miles(4) ..... No.	418,324,865	153,034,963	634,359,828	5,121,798	18,927,889	6,649,166	5,572,463	36,271,316	670,631,144
Goods ton-miles(2, 4) ..... "	17,093,066	4,798,070	21,891,136	236,318	1,251,248	97,208	257,336	1,842,110	23,733,246

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

October 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:(7)									
Hours flown .....	No. 291	242	533	138	188	33	39	398	931
Passengers carried .....	"								
Goods carried .....	lb.								
Passenger-miles .....	No.								
Goods ton-miles .....	"								
Fuel and oil consumed:									
Turbo fuel - Quantity .....	gal. 24,262,370	7,953,300	32,215,670	420,558	996,953	459,071	219,769	2,106,351	34,322,021
Cost .....	\$ 3,653,187	1,341,170	4,994,357	89,585	229,361	98,505	50,857	468,308	5,462,665
Gasoline - Quantity .....	gal. -	6,843	6,843	88,141	272,580	9,803	119,583	490,107	496,950
Cost .....	\$ -	3,396	3,396	30,239	98,000	3,235	44,450	175,924	179,320
Turbo oil - Quantity .....	gal. 3,531	810	4,341	69	414	556	10	1,049	5,390
Cost .....	\$ 33,268	8,144	41,412	1,035	5,382	1,947	60	8,424	49,836
Other oil - Quantity .....	gal. -	18	18	1,351	2,880	980	627	5,838	5,856
Cost .....	\$ -	17	17	1,688	3,600	784	691	6,763	6,780
Average number of employees:									
Pilots and co-pilots .....	No. 1,120	365	1,485	66	228	67	72	433	1,918
Other flight personnel .....	" 1,679	504	2,183	29	166	32	45	272	2,455
General management .....	" 105	133	238	20	160	67	20	267	505
Maintenance labour .....	" 3,169	794	3,963	219	286	118	122	745	4,708
Aircraft and traffic servicing .....	" 6,110	1,896	8,006	134	252	136	112	634	8,640
Other personnel .....	" 5,028	1,309	6,337	56	121	14	72	263	6,600
Total employees .....	" 17,211	5,001	22,212	524	1,213	434	443	2,614	24,826
Salaries and wages:									
Pilots and co-pilots .....	\$ 1,929,212	603,170	2,532,382	71,989	294,377	96,536	58,114	521,016	3,053,398
Other flight personnel .....	\$ 1,187,131	326,457	1,513,588	14,977	65,725	17,336	24,522	122,560	1,636,148
General management .....	\$ 256,211	162,076	418,287	25,758	96,124	68,810	15,895	206,587	624,874
Maintenance labour .....	\$ 2,619,457	891,961	3,511,418	126,673	272,910	118,559	78,827	596,969	4,108,387
Aircraft and traffic servicing .....	\$ 4,291,954	1,128,408	5,420,362	62,351	171,938	114,590	48,265	397,144	5,817,506
Other personnel .....	\$ 3,833,983	716,242	4,550,225	25,015	58,406	16,147	29,177	128,745	4,678,970
Total salaries and wages .....	\$ 14,117,948	3,828,314	17,946,262	326,763	959,480	431,978	254,800	1,973,021	19,919,283

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada excess baggage.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

(6) Departures available for bulk transport flights only.

(7) "Non-revenue" data not collected in 1969 except for "hours flown".

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

October 1969

		Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>								
Originated .....	No.	476,960	68,970	9,236	57,642	16,268	14,021	643,097
Domestic interline .....	"	88,185	11,141	2,665	-	-	-	111,936
Foreign interline .....	"	-	9,945	-	-	-	-	-
Totals(2) .....	"	565,145	90,056	11,901	57,642	16,268	14,021	755,033
<b>Express carried:</b>								
Originated .....	1b.	1,690,735	179,928	15,873	106,655	-	45,979	2,039,170
Domestic interline .....	"	-	-	-	-	-	-	-
Foreign interline .....	"	-	-	-	-	-	-	-
Totals(2) .....	"	1,690,735	179,928	15,873	106,655	-	45,979	2,039,170
<b>Freight carried:</b>								
Originated .....	"	16,020,158	2,158,590	636,906	1,101,563	430,403	285,143	20,632,763
Domestic interline .....	"	-	60,532	-	-	-	-	60,532
Foreign interline .....	"	-	84,786	-	-	-	-	84,786
Totals(2) .....	"	16,020,158	2,303,908	636,906	1,101,563	430,403	285,143	20,778,081
<b>Excess baggage carried:</b>								
Originated .....	"	..	30,651	26,727	49,920	36,237	-	143,535(3)
Domestic interline .....	"	..	-	-	-	-	-	-
Foreign interline .....	"	..	-	-	-	-	-	-
Totals(2) .....	"	..	30,651	26,727	49,920	36,237	-	143,535(3)
<b>Mail carried:</b>								
Originated .....	"	4,547,114	341,430	256,096	338,350	48,865	39,954	5,571,809
Domestic interline .....	"	-	-	-	-	-	-	-
Foreign interline .....	"	-	-	-	-	-	-	-
Totals(2) .....	"	4,547,114	341,430	256,096	338,350	48,865	39,954	5,571,809

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 4. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service

October 1969

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Unit toll:							
Departures .....	No. 2,621	916	719	137	4,393	14,830	19,223
Hours flown .....	" 3,922	4,383	1,966	772	11,043	19,111	30,154
Miles scheduled .....	" 1,281,215	2,105,296	851,716	373,782	4,612,009	6,212,709	10,824,718
Miles flown:							
Scheduled - Regular .....	" 1,249,755	2,036,662	848,588	373,782	4,508,787	6,070,312	10,579,099
Extra sections .....	" 12,268	34,006	3,453	6,622	56,349	116,638	172,987
Non-scheduled .....	" -	-	-	-	-	-	-
Totals .....	" 1,262,023	2,070,668	852,041	380,404	4,565,136	6,186,950	10,752,086
Ratio of regular miles flown to miles scheduled .....	97.5	96.7	99.6	100.0	97.8	97.7	97.7
Passengers carried .....	No. ..	..	..	..	183,929	471,293	655,222
Cargo carried .....	lb. ..	..	..	..	8,912,165	11,909,600	20,821,765
Mail carried .....	" ..	..	..	..	657,083	4,266,631	4,923,714
Passenger-miles .....	No. 63,151,893	122,392,378	44,504,619	33,860,531	263,909,421	337,426,736	601,336,157
Available seat-miles on scheduled services ..	" 140,077,920	291,915,189	104,436,301	68,221,678	604,651,088	627,951,654	1,232,602,742
Passenger load factor on scheduled services ..	45.1	41.9	42.6	49.6	43.6	53.7	48.8
Goods ton-miles:							
Express .....	No. 51,654	-	-	-	51,654	830,668	882,322
Freight .....	" 1,148,057	7,062,765	1,462,554	1,285,913	10,959,289	7,103,246	18,062,535
Excess baggage .....	" 26	16,540	16,004	16,788	49,358	1,784	51,142
Mail .....	" 63,499	290,723	166,671	429,955	950,848	1,944,289	2,895,137
Totals .....	" 1,263,236	7,370,028	1,645,229	1,732,656	12,011,149	9,881,987	21,893,136
Available ton-miles on scheduled service ....	" 19,729,207	47,407,431	14,761,631	10,120,904	92,019,173	96,448,934	188,468,107
Weight load factor on scheduled services(1) ..	38.4	41.4	41.3	50.6	41.7	45.2	45.2
Bulk:							
Departures .....	No. 376	158	58	-	592	..	..
Hours flown .....	" 571	948	169	-	1,688	..	..
Miles flown .....	" 143,424	460,655	74,404	-	678,483	..	..
Passengers carried .....	" 2,809	17,434	3,622	-	23,865	..	..
Goods carried .....	lb. 450	-	-	-	450	..	..
Passenger-miles(2) .....	No. 2,766,760	64,747,712	8,767,683	-	76,282,155	..	..
Goods ton-miles(2) .....	" 6,392	-	-	-	6,392	..	..
Total:							
Departures .....	" 2,997	1,074	777	137	4,985	..	..
Hours flown .....	" 4,493	5,331	2,135	772	12,731	..	..
Miles flown .....	" 1,405,447	2,531,323	926,445	380,404	5,243,619	..	..
Passengers carried .....	" ..	..	..	..	207,794	..	..
Goods carried .....	lb. ..	..	..	..	8,912,615	..	..
Passenger-miles(2) .....	No. 65,918,653	187,140,090	53,272,302	33,860,531	340,191,576	..	..
Goods ton-miles(2) .....	" 1,269,628	7,370,028	1,645,229	1,732,656	12,017,541	..	..

(1) Standard passenger weight used; 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.



TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

October 1969

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
<b>Passengers carried:</b>						
Unit toll ..... No.	163,961	158,269	322,230	28,982	40,268	69,250
Bulk ..... "	532	820	1,352	3,883	8,457	12,340
Totals ..... "	164,493	159,089	323,582	32,865	48,725	81,590
<b>Freight, express and excess baggage carried:</b>						
Unit toll ..... lb.	1,886,080	5,147,462	7,033,542	2,854,987	7,632,096	10,487,083
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	1,886,080	5,147,462	7,033,542	2,854,987	7,632,096	10,487,083
Mail carried (unit toll) ..... "	241,005	803,291	1,044,296	307,553	253,718	561,271
	<b>All other areas</b>			<b>Totals</b>		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
<b>Passengers carried:</b>						
Unit toll ..... No.	11,116	10,453	21,569	204,059	208,990	413,049
Bulk ..... "	1,156	838	1,994	5,571	10,115	15,686
Totals ..... "	12,272	11,291	23,563	209,630	219,105	428,735
<b>Freight, express and excess baggage carried:</b>						
Unit toll ..... lb.	634,977	612,395	1,247,372	5,376,044	13,391,953	18,767,997
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	634,977	612,395	1,247,372	5,376,044	13,391,953	18,767,997
Mail carried (unit toll) ..... "	116,606	131,005	247,611	665,164	1,188,014	1,853,178
	<b>Total by Canadian carriers</b>			<b>Total by Foreign carriers</b>		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
<b>Passengers carried:</b>						
Unit toll ..... No.	88,388	94,382	182,770	131,009	99,270	230,279
Bulk ..... "	3,856	6,301	10,157	1,715	3,814	5,529
Totals ..... "	92,244	100,683	192,927	132,724	103,084	235,808
<b>Freight, express and excess baggage carried:</b>						
Unit toll ..... lb.	2,316,091	6,439,097	8,755,188	3,059,953	6,952,856	10,012,809
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	2,316,091	6,439,097	8,755,188	3,059,953	6,952,856	10,012,809
Mail carried (unit toll) ..... "	357,054	299,811	656,865	308,110	888,203	1,196,313

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

October 1969

Type of service:	Fixed-wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	8,168	176,040	100,279	2,156,889	399	30,344	3,308	242,978
Recreational flying .....	1,234	39,589	15,090	372,901	37	4,026	794	75,389
Aerial photography and survey(1) ...	895	99,197	12,783	1,428,756	162	23,450	1,307	221,926
Aerial photography .....	92	6,397	2,744	104,934	2	158	54	5,781
Aerial inspection, reconnaissance and advertising(2) .....	1,448	167,870	22,256	1,963,201	1,296	278,445	11,747	1,732,194
Aerial application & distribution(3) .....	-	-	5,109	977,214	36	3,252	770	167,867
Aerial control .....	39	203	4,947	1,438,840	-	-	1,230	139,527
Aerial construction .....	-	-	-	-	-	-	25	5,129
Air ambulance and mercy services ...	-	-	45	4,717	-	-	24	2,137
Aircraft rental .....	1,584	28,383	19,819	376,026	-	-	481	32,550
Non-transportation charter .....	124	10,135	1,917	148,176	166	16,256	2,686	313,127
Totals .....	13,584	527,814	184,989	8,971,654	2,098	355,931	22,426	2,938,605

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

October 1969

	Carriers operating helicopters only		Carriers operating both helicopters and fixed-wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 23	...	7	...	30	...
Helicopters - Owned .....	" 237	228	33	34	270	262
Leased .....	" 24	30	1	4	25	34
Totals .....	" 261	258	34	38	295	296
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 9,643	119,892	853	11,777	10,496	131,669
Specialty .....	" 1,493	14,666	605	7,352	2,098	22,018
Totals .....	" 11,136	134,558	1,458	19,129	12,594	153,687
Non-revenue hours flown .....	" 540	4,701	7	486	547	5,187
Fuel and oil consumed:						
Gasoline .....	gal. 245,882	2,754,566	20,889	319,595	266,771	3,074,161
Cost .....	\$ 116,274	1,347,498	9,592	141,338	125,866	1,488,836
Oil .....	gal. 2,751	38,428	385	3,999	3,136	42,427
Cost .....	\$ 6,641	81,902	787	7,842	7,428	89,744
Average number of employees:						
Pilots .....	No. 264	263	27	28	291	291
Administrative .....	" 102	124	1	1	103	125
Maintenance labour .....	" 247	257	19	19	266	276
Other personnel .....	" 25	28	-	-	25	28
Totals .....	" 638	672	47	48	685	720
Salaries and wages:						
Pilots .....	\$ 277,342	2,548,017	20,731	244,803	298,073	2,792,820
Administrative .....	\$ 79,847	936,846	600	6,671	80,447	943,517
Maintenance labour .....	\$ 192,406	1,806,807	10,540	116,093	202,946	1,922,900
Other personnel .....	\$ 14,595	147,194	-	1,896	14,595	149,090
Totals .....	\$ 564,190	5,438,864	31,871	369,463	596,061	5,808,327

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
October 1969

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	1,405,933	17,002,086
Total transportation .....	1,405,933	17,002,086
Other flying services .....	257,017	2,061,121
Total flying services .....	1,662,950	19,063,207
Non-flying services .....	91,628	510,585
Total operating revenues .....	1,754,578	19,573,792
Operating expenses:		
Flying operations .....	696,667	7,026,631
Maintenance .....	576,969	5,612,764
General service and administration .....	238,750	2,197,142
Depreciation and amortization .....	176,217	1,505,460
Total operating expenses .....	1,688,603	16,341,997
Operating income (deficit) .....	65,975	3,231,795
Non-operating income:		
Capital gains and losses .....	973	142,495
Interest and discounts .....	3,941	18,711
Miscellaneous non-operating income .....	1,578	Dr. 30,916
Income before interest expense .....	72,467	3,362,085
Interest expense .....	55,747	677,972
Income before income taxes .....	16,720	2,684,113
Provision for income taxes .....	5,930	631,057
Net income after income taxes .....	10,790	2,053,056

CIVIL AVIATION DEFINITIONS

- Available seat-miles: Aircraft miles flown multiplied by the number of seats on the aircraft, representing the total passenger-carrying capacity offered.
- Available ton-miles: Aircraft miles flown multiplied by the weight capacity of the aircraft, representing the load-carrying capacity offered for passengers and goods.
- Bulk transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 4 or 9-4, Charter licences: Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of all or part of the capacity of an aircraft.
- Class 5 or 9-5, Contract licences: Transportation not available to the public performed in accordance with one or more specific contracts.
- Cargo: Property carried on an aircraft other than mail, stores and baggage. Cargo comprises freight and express.
- Departures: Take-offs of revenue transportation flights (unit toll and charter and contract services only) including non-scheduled take-offs after operational stops.
- Division interline traffic: The number of passengers and pounds of goods transferred from one division of a carrier's system to another division of the same carrier's system.
- Domestic interline traffic: The number of passengers and pounds of goods transferred at Canadian points from one Canadian air carrier to another.
- Excess baggage: Baggage which in terms of weight, number of pieces or size exceeds the free baggage allowance stated in the air carrier's tariffs and for which a charge is levied according to the carrier's tariff.
- Express: Property receiving priority shipment within North America including door-to-door service on the ground. This service is performed at premium rates.
- Foreign interline traffic: The number of passengers and pounds of goods transferring to/from Foreign Air Carriers at Canadian points carried or to be carried over the Canadian carrier's mainline routes.
- Freight: Property carried on flights at published tariff rates per unit.
- Goods: Cargo, mail and excess baggage.



- Goods ton-miles: A ton-mile represents the carriage of one ton of goods for one mile. Ton-mileage is the sum of the number of aircraft miles flown with each ton of goods.
- Group I carriers: Canadian air carriers licenced to perform domestic and international scheduled services (Air Canada and CP Air).
- Group II carriers: Canadian air carriers other than Group I carriers licenced to perform domestic scheduled services. (Nordair Ltd. is considered to be in Group III for statistical purposes.
- Group III carriers: Canadian air carriers not included in Groups I and II with either annual unit toll and bulk transportation revenues of over \$500,000 or unit toll revenues of over \$150,000.
- Group IV carriers: As of January 1, 1969, Canadian air carriers not included in Groups I, II and III, with gross annual flying revenues of over \$150,000.
- Group V carriers: As of January 1, 1969, Canadian air carriers with gross annual flying revenues of less than \$150,000.
- Mainline service: A unit toll operation usually having a considerable degree of regularity and where in most cases only aircraft of over 18,000 lbs. authorized take-off weight are used and where the service is generally listed in a published timetable and performed according to a filed service pattern.
- Mile: Statue mile of 5,280 ft.
- Non-scheduled carrier: Any carrier having a Class 2, 9-2, 3 or 9-3 licence to perform regular or irregular unit toll service to specified points. Class 1 or Class 8 licencees are considered to be scheduled carriers.
- Pacific and Orient services: Services between Canada and points in the Pacific and Orient including Japan, China, Australia, New Zealand and Hawaii.
- Passenger load factor: Revenue passenger-miles expressed as a percentage of the available seat-miles, excluding those seats not available for the carriage of passengers because of the weight of fuel or other load.
- Passenger-miles: A passenger-mile represents the carriage of one passenger one mile. Passenger-mileage is obtained by adding together the number of miles each passenger is carried.
- Revenue passenger: Person receiving air transportation from carrier for which a fare is collected. Infants paying 10% of adult fare are not counted.
- Revenue passenger ton-mile: One ton of passenger weight transported one mile for which fare is collected. Passenger weight is 200 lbs. comprising the passenger and his free baggage allowance.

- Scheduled carrier:** Any airline having a Class 1 or Class 8 licence to perform scheduled unit toll operations. It should be noted that a scheduled carrier may also operate services under authority of Class 2, 9-2, or 3 or 9-3 licences which are considered to be non-scheduled. (see Unit toll transportation.)
- Scheduled miles:** This term relates to the number of miles scheduled as per timetables but not necessarily actually flown on unit toll services.
- Southern services:** Services between Canada and Bermuda, the Caribbean, Mexico, Central and South American.
- Specialty flying:** Revenue flying services performed for special purposes other than the transportation of passengers and goods.
- Ton:** Short ton of 2,000 lbs.
- Trans-Atlantic and Polar services:** Services between Canada and Europe.
- Transborder services:** Services between Canada and the United States except Hawaii but including Alaska.
- Unit toll transportation:** Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 1 or Class 8; Scheduled service licences:  
Public transportation of persons and/or goods between designated points in accordance with a service schedule and at a price per passenger per mile or per pound per mile.
  - Class 2 or Class 9-2, Regular specific point licences:  
Public transportation of persons and/or goods between designated points on a route pattern and with some degree of regularity, at a price per person per mile or per pound per mile.
  - Class 3 or Class 9-3, Irregular specific point licences:  
Public transportation of persons and/or goods from a designated base serving a defined area or specific point or points at a price per person per mile or per pound per mile.
- Weight load factor:** Sum of revenue goods ton-miles and revenue passenger ton-miles as a proportion of available ton-miles.



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