

CATALOGUE No.

51-001

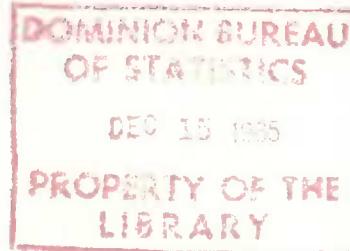
MONTHLY

Historical File Copy



CIVIL AVIATION

JULY 1965



Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Public Finance and Transportation Division
Transportation Section

December 1965
8504-510

Price: 30 cents
\$3.00 a year

Vol. 25 -- No. 7

Reports Published by the
Public Finance and Transportation Division
dealing with
Civil Aviation

<u>Catalogue No.</u>	<u>Title</u>	<u>Price</u>
51-001	Civil Aviation - Monthly	\$3.00 a year
51-201	Civil Aviation - Preliminary Annual .....	.50
51-202	Civil Aviation - Annual .....	.50

Remittances should be in the form of cheque or money order, made payable to the Receiver General of Canada and forwarded to the Publications Distribution Unit, Financial Control Section, Dominion Bureau of Statistics, or to the Queen's Printer, Ottawa, Canada.

TABLE OF CONTENTS

	Page
Introduction	5
Charts:	
Operating Revenues of Canadian Carriers	6
Revenue Goods Carried by Canadian Carriers	6
Review and Analysis	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV	19
Civil Aviation Definitions	20

SYMBOLS

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

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

INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in 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. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups was revised as of 1st January 1964. In January 1965, 3 former Group IV carriers were promoted to Group III, 1 Group III carrier was transferred to Group IV and 7 Group V carriers were transferred to Group IV. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

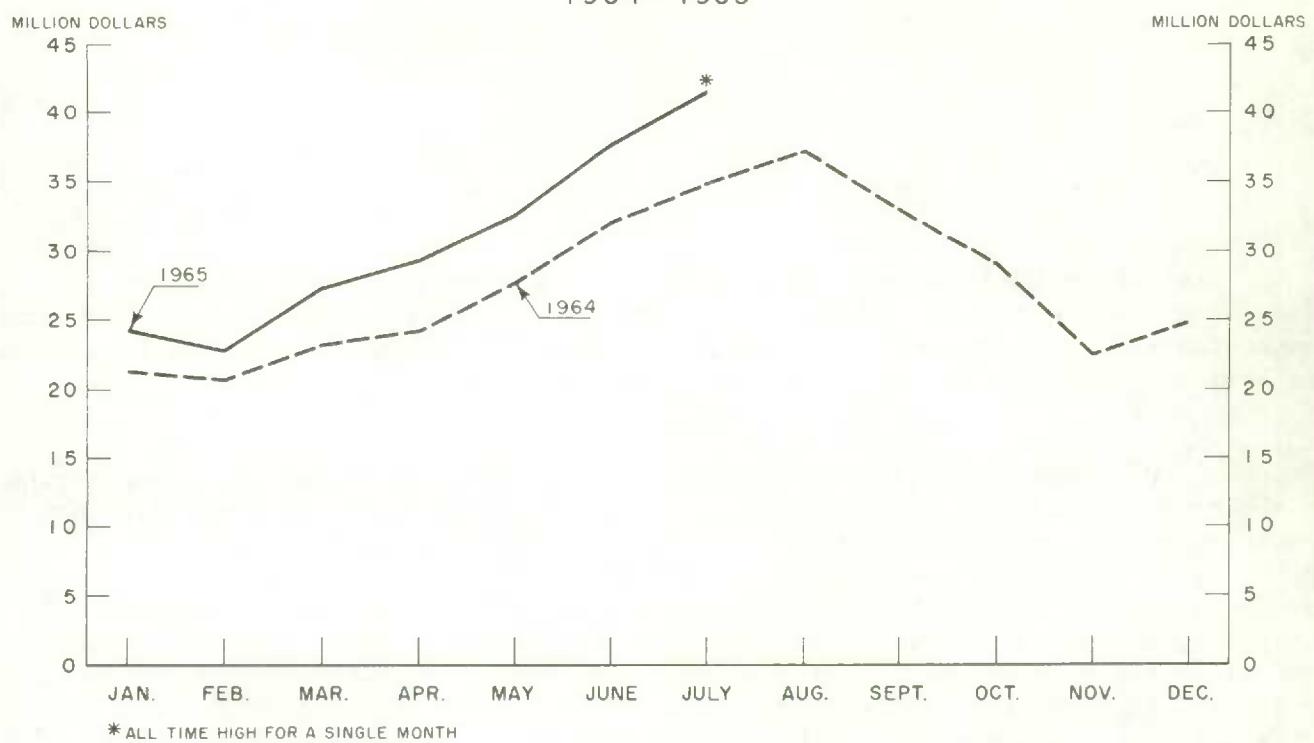
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service with predominates.

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. It should be noted that there are only two Canadian carriers which operate international services on a unit toll basis; however there are other Canadian carriers, in addition to these two carriers, which operate international flights on a bulk or charter basis.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

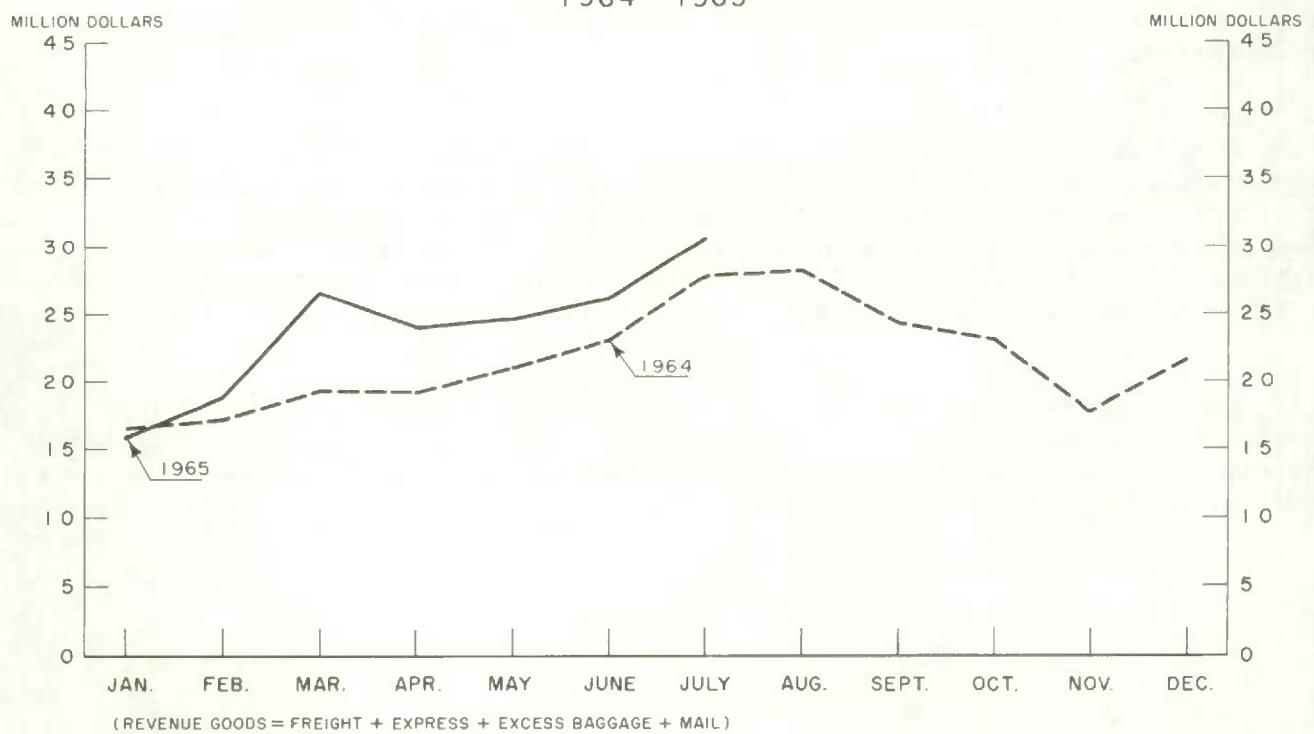
OPERATING REVENUE OF CANADIAN AIR CARRIERS

1964 - 1965



REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS

1964 - 1965



REVIEW OF JULY OPERATIONS

Increases were reported in the transportation of both revenue passengers and revenue goods by Canadian air carriers during the month of July compared with July 1964. The number of passengers carried totalled 639,797 an increase of 13.5 per cent. The weight of goods transported rose to 15,321 tons, an increase of 10.2 per cent. Revenue miles flown increased 11.7 per cent to 12,412,253.

Unit toll and bulk transportation services performed by Canadian carriers accounted for a total of 569,495,314 passenger-miles and 9,946,812 goods ton-miles. Unit toll service made up 84.8 per cent of the total passenger-miles and 85.7 per cent of the total goods ton-miles.

July operating revenues showed an 18.8 per cent increase over July 1964 to \$41,433,101 while operating expenses rose 19.7 per cent to \$34,057,066 resulting in an operating income of \$7,376,035. In July 1964 an operating income of \$6,421,641 was reported. A net income of \$6,550,059 after provision for income taxes was reported for July 1965 as compared to an income of \$5,724,174 for the same month in 1964.

Fourteen carriers who operated helicopters exclusively reported a total of 15,954 hours flown by 175 machines. Nine carriers operating both fixed-wing craft and helicopters reported a total of 2,341 hours flown by 32 machines. Operating revenues by helicopter only carriers for the month of July amounted to \$1,674,064 while operating expenses amounted to \$996,129.

During July the six scheduled carriers transported 561,486 revenue passengers and 8,805 tons of revenue goods which amounted to 87.8 per cent of the total number of passengers and 57.5 per cent of the total weight of goods carried by all Canadian carriers. Operating revenues of scheduled carriers amounted to \$35,409,675 or 85.5 per cent of all Canadian carrier revenues. Operating expenses of scheduled carriers amounted to \$29,961,390 or 88.0 per cent of all Canadian air carrier expenses. July 1964 figures for the proportion of operations attributable to scheduled carriers as a percentage of all Canadian carriers were as follows: Passengers carried 87.9 per cent, tons of goods carried 52.1 per cent, operating revenues 86.2 per cent and operating expenses 88.9 per cent.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in July amounted to 210,995,220 or 43.7 per cent of the total unit toll passenger-miles performed by Canadian carriers. International services performed by Canadian carriers calculated according to passenger-miles travelled were divided by area as follows:

<u>Area</u>	<u>Percentage</u>
Trans-Border	14.6
Trans-Atlantic and Polar	68.0
Southern	10.0
Pacific and Orient	7.4
Total	100.0

Foreign Carriers

Foreign carriers licensed to operate in Canada transported 129,770 revenue passengers during July, an increase of 35.0 per cent over July 1964. Weight of revenue goods carried totalled 1,466 tons, an increase of 33.3 per cent over the same period in 1964. Foreign carriers report hours and miles flown over Canadian territory only. Statistics concerning passengers and goods in transit have been excluded.

Cumulative Figures for the Year to Date (Canadian carriers)

Compared with the same period in 1964 the first seven months of 1965 showed an increase of 14.1 per cent to 3,678,845 in the number of revenue passengers carried while the weight of revenue goods carried rose 19.2 per cent to 86,049 tons. Passenger-miles performed by Canadian carriers totalled 2,896,239,795 while goods ton-miles totalled 69,627,006 for the first seven months of the year. Operating revenues increased 18.1 per cent to \$217,255,500 while operating expenses increased 14.7 per cent to \$202,287,028.

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

July 1965

Scheduled carriers	Canadian carriers				Foreign carriers(2)			Grand total all carriers	Year to date
	Group I and II(1)	Non-scheduled carriers		Total Canadian carriers	United States carriers	Other Foreign carriers(3)			
		Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	16	54	70	76	10	9	95	..
Revenue transportation services:									
Unit toll:									
Departures	No.	20,959	2,822	1,085	3,907	24,866	..	..	..
Hours flown	"	27,732	3,497	500	3,997	31,729	357	1,460	197,935
Miles scheduled	"	7,127,840	...	...	7,127,840	92,321	590,723	7,810,884	46,726,362
Miles flown(4)									
Scheduled	"	7,305,657	441,856	53,944	495,800	7,305,657	91,520	602,125	47,489,639
Non-scheduled	"	305,143	441,856	53,944	495,800	8,106,600	-	800,943	4,885,878
Totals	"	7,610,800	441,856	53,944	495,800	91,520	602,125	8,800,245	52,175,517
Passengers carried	"	530,525	14,278	3,174	17,452	547,977	81,876	41,708	3,997,552
Goods carried:									
Cargo	lb.	11,134,205	730,634	55,865	786,499	11,920,704	885,665	1,773,675	96,640,798
Excess baggage	"	134,274 (5)	39,665	6,655	46,320	180,594	149,487	124,294	14,760,638
Mail	"	3,350,889	97,153	17,437	114,590	3,465,479	1,035,152	1,897,969	3,739,260
Totals	"	14,619,368	867,452	79,957	947,409	15,566,777	3,333	18,499,898	30,605,418
Passenger-miles	No.	479,686,288	2,680,597	286,770	2,967,367	482,653,655	3,502,677	35,787,069	127,246,216
Goods ton-miles:									
Cargo	"	6,503,387	231,028	1,957	232,985	6,736,372	614,800	7,659,690	50,814,468
Excess baggage	"	280,763	6,790	257	7,047	287,810	51,748	1,557,272	12,297,187
Mail	"	1,469,472	31,735	984	32,719	1,502,194	666,548	9,216,962	63,111,655
Totals	"	8,253,622	269,553	3,198	272,751	8,526,373	24,041		
Bulk:									
Departures	"	5,417	10,189	23,127	33,316	38,733	..	..	..
Hours flown	"	7,097	17,291	23,489	40,780	47,877	23	146	174,162
Miles flown	"	1,340,905	1,164,027	1,800,721	2,964,748	4,305,653	5,174	51,362,807	17,259,753
Passengers carried	"	30,961	25,393	35,466	60,859	91,820	1,577	4,609	372,943
Freight carried	lb.	2,990,857	7,722,683	4,372,310	12,094,793	15,005,850	-	15,087,850	66,050,635
Passenger-miles(6)	No.	72,672,032	14,028,200	141,427	1,60,627	86,801,659	**	**	**
Goods ton-miles(6)	"	601,643	801,697	17,099	818,796	1,420,439	-	1,420,439	..
Revenue non-transportation services:									
Specialty flying - Hours flown "		6,761	9,661	16,704	16,704	16,704	-	-	74,029

See footnotes at end of table.

TABLE I. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded
July 1965

	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	No.	26,376	13,011	24,212	37,223	63,599	380	1,606	98,296
Hours flown	"	35,111	27,549	33,650	61,199	96,310	654,105	13,163,052	446,126
Miles flown	"	8,351,05	1,605,883	1,854,665	3,460,548	12,412,253	69,334,170	69,334,170	69,334,170
Passengers carried	"	561,486	39,671	38,640	78,211	639,597	83,453	46,317	4,370,495
Cargo carried	lb.	14,115,062	8,453,317	4,428,175	12,881,492	27,177,148(8)	885,665(8)	1,773,675(8)	162,691,333
Goods carried	"	17,610,225	8,590,135	4,452,267	13,042,402	30,652,627	1,035,152	1,897,969	193,296,851
Passenger-miles(6)	No.	552,358,320	16,708,797	428,197	17,336,994	569,495,314	..	..	..
Goods ton-miles(6)	"	8,855,265	1,071,250	20,297	1,091,547	9,946,812	..	..	..
Non-revenue:									
Hours flown	"	967	656	967	1,623	2,590	1	2,591	17,062
Passengers carried	"	3,639	185	3	188	3,827	1,529	618	31,02
Goods carried	lb.	246,536	68,641	-	68,641	315,177	11,625	87,882	414,684
Passenger-miles	No.	22,093,386	218,718	4,200	222,918	22,316,304	61,705	483,906	22,861,115
Goods ton-miles	"	752,960	47,691	-	47,691	800,651	860	22,788	824,299
Fuel and oil consumed:									
Turbo fuel - Quantity	gal.	21,099,467	-	12,999	21,112,466	141,819	4,162,038	25,416,323	145,990,953
Cost	\$	2,892,185	-	3,939	2,896,124	25,630	6,677,243	3,588,997	25,152,618
Gasoline - Quantity	gal.	1,579,974	1,011,209	520,406	1,531,615	3,111,589	13,617	3,134,328	15,375,744
Cost	\$	540,116	426,625	240,136	666,761	1,206,877	3,284	1,213,963	5,650,121
Turbo oil - Quantity	gal.	4,158	-	3	4,161	54	81	4,296	27,892
Cost	\$	35,995	-	45	45	36,040	307	761	37,108
Other oil - Quantity	gal.	19,800	14,839	9,255	24,094	43,894	58	-	43,952
Cost	\$	21,969	21,221	13,175	34,396	56,365	27	-	56,392
Average number of employees:									
Pilots and co-pilots	No.	1,142	393	423	816	1,958	..	..	..
Other flight personnel	"	1,278	41	62	103	1,281	..	..	..
General management	"	323	113	103	216	539	..	..	..
Maintenance, labour	"	3,826	425	291	716	4,542	..	..	..
Aircraft & traffic servicing	"	5,646	121	60	181	5,827	..	..	..
Other personnel	"	4,749	210	293	503	5,552	..	..	..
Totals	"	16,964	1,303	1,232	2,335	19,499	296	672	20,467
Salaries and wages paid:									
Pilots and co-pilots	\$	1,403,086	370,626	289,398	660,024	2,063,110	..	..	..
Other flight personnel	\$	649,680	27,133	26,911	54,064	703,724	..	..	..
General management	\$	294,392	73,196	64,963	138,159	432,551	..	..	..
Maintenance, labour	\$	2,104,769	212,674	137,806	350,880	2,455,249	..	..	..
Aircraft & traffic servicing	\$	2,791,002	47,824	18,826	66,650	2,857,652	..	..	..
Other personnel	\$	2,405,403	82,443	101,485	183,928	2,679,331	..	..	..
Totals	\$	9,738,332	813,896	639,389	1,453,285	11,191,617	171,011	373,084	11,735,712

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

(2) See "Foreign Carriers", page 7, 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.

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

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

(8) Includes excess baggage.

(9) Data 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(2)

July 1965

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
			dollars			dollars		
Operating revenues:								
Unit toll transportation:								
Passenger	26,855,548	1,342,333	28,197,881	370,403	38,832	409,35	28,607,116	158,164,134
Express	480,507	24,367	504,874	8,782	689	9,471	514,345	2,975,358
Freight	1,429,812	286,364	1,716,176	131,933	4,631	136,564	1,552,740	11,760,858
Excess baggage	171,372	19,286	190,658	7,616	513	8,129	198,787	1,115,722
Mail	1,177,655	107,745	1,285,400	41,014	4,782	45,796	1,331,196	10,470,708
Total unit toll transportation	30,114,894	1,780,095	31,894,989	559,748	49,447	609,195	32,504,184	184,486,780
Bulk transportation	2,050,923	1,248,394	3,299,317	2,335,953	1,925,754	4,261,707	7,561,024	25,766,085
Total transportation	32,165,817	3,028,489	35,194,306	2,899,701	1,975,201	4,870,902	40,065,208	210,252,865
Other flying services	8,464	69,084	77,548	572,805	326,442	897,247	974,795	4,283,512
Total flying services	32,174,281	3,097,573	35,271,854	3,468,506	2,299,643	5,768,149	41,040,003	214,536,377
Non-flying services	115,408	22,413	137,821	Dr. 55,331	310,608	255,277	393,098	2,719,123
Total operating revenues	32,289,689	3,119,986	35,409,675	3,413,175	2,610,251	6,023,426	41,433,101	217,255,500
Operating expenses:								
Flying operations	6,794,210	1,012,302	7,806,512	1,105,749	868,738	1,974,487	9,780,999	54,302,922
Maintenance	5,748,055	781,040	6,529,095	800,840	371,416	1,172,256	7,701,351	45,261,807
General services and administration:								
Passenger service	2,470,764	126,568	2,597,332	..	..	..	..	..
Aircraft and traffic servicing	3,843,511	329,881	4,173,392	..	..	..	..	..
Promotion and sales	4,786,293	162,059	4,948,532	..	..	..	..	..
General administration	1,079,407	144,309	1,223,716	..	..	..	..	..
Totals	12,179,975	762,817	12,942,792	360,334	262,511	622,945	13,565,637	81,588,762
Depreciation and amortization	2,562,200	120,791	2,682,991	218,032	108,056	326,088	3,009,079	21,133,537
Total operating expenses	27,284,440	2,676,350	29,961,990	2,484,955	1,610,721	4,095,676	34,057,066	202,287,028
Operating income (loss)	5,005,249	443,036	5,448,285	928,220	999,530	1,927,750	7,376,035	14,968,472
Non-operating income - Net:								
Capital gains and losses	104,045	8,509	112,554	Dr. 16,277	63,298	47,021	159,575	476,236
Interest and discounts	273,984	602	274,586	Dr. 2,495	1,873	4,368	278,554	1,555,480
Miscellaneous non-operating income	4,102	Dr. 4,561	459	Dr. 13,211	5,170	Dr. 8,041	Dr. 8,500	Dr. 278,180
Income before interest expense	5,387,380	447,586	5,834,966	901,227	1,069,871	1,971,098	7,806,964	16,722,008
Interest expense	959,859	42,822	1,002,681	36,205	32,561	68,766	1,071,447	7,467,561
Income before income taxes	4,427,521	404,764	4,832,285	865,022	1,037,310	1,902,332	6,734,617	9,254,447
Provision for income taxes	-	121,662	121,662	16,069	46,827	62,996	184,558	416,216
Net income after income taxes	4,427,521	283,102	4,710,623	848,953	990,483	1,839,436	6,550,059	8,838,231

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

(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

July 1965

	Air Canada	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Total	Year to date
Operating revenues:								
Unit toll transportation	21,446,703	5,408,845	240,994	596,370	315,404	189,565	28,197,881	156,270,074
Passengers	448,996	31,511	4,233	15,790	-	4,344	504,874	2,905,256
Express	1,034,117	395,695	93,366	123,453	37,242	31,703	1,716	11,086,547
Freight	130,440	40,932	2,337	9,747	5,522	1,680	190,658	1,078,712
Excess baggage	885,634	292,021	24,093	49,707	5,397	28,548	1,285,400	10,022,942
Mail	23,945,890	6,169,004	365,623	795,067	363,565	255,840	311,894,989	181,363,621
Bulk transportation	1,094,007	956,916	136,598	737,750	11,371	362,675	3,299,317	9,831,756
Total transportation	25,039,897	7,125,920	502,221	1,532,817	374,936	618,515	35,194,306	191,195,377
Other flying services	8,464	-	66,450	-	-	2,634	77,548	313,998
Total flying services	25,048,361	7,125,920	568,671	1,532,817	374,936	621,149	35,271,854	191,509,375
Non-flying services	7,794	107,614	7,932	220	7,158	7,103	137,821	1,515,709
Total operating revenues	25,056,155	7,233,534	576,603	1,533,037	382,094	628,252	35,409,675	193,025,084
Operating expenses:								
Flying operations	4,737,996	2,056,214	187,935	535,027	94,415	194,925	7,806,512	45,284,324
Maintenance	4,741,549	1,006,506	218,289	308,947	92,845	160,959	6,529,095	38,644,738
General services and administrations:								
Passenger service	1,920,669	550,095	21,624	78,061	11,859	15,024	2,597,332	14,896,694
Aircraft and traffic servicing	3,182,083	661,428	107,801	122,116	32,526	17,438	4,173,392	25,955,193
Promotion and sales	3,533,069	1,253,224	10,789	57,224	56,689	37,357	4,948,352	28,884,271
General administration	854,030	225,377	29,338	69,282	28,307	17,382	1,223,716	7,754,389
Totals	9,489,851	2,690,124	169,552	376,683	129,381	87,201	12,942,792	77,490,547
Depreciation and amortization	2,377,827	184,373	46,477	37,045	23,317	13,952	2,682,991	19,250,717
Total operating expenses	21,347,223	5,937,217	622,253	1,257,702	339,958	457,037	29,561,390	180,670,326
Operating income (loss)	3,708,932	1,296,317	Dr.	45,650	275,335	42,136	171,215	5,448,285
Non-operating income - Net:								
Capital gains and losses	-	104,045	-	13	1,667	6,829	112,554	184,614
Interest and discounts	224,506	49,478	3	Dr.	653	599	274,586	1,520,066
Miscellaneous non-operating income .. Dr.	5,480	9,582	-	-	1,053	Dr.	459	332,432
Income before interest expense	3,927,958	1,459,422	Dr.	45,647	274,695	42,750	175,788	5,334,966
Interest expense	959,859	-	26,932	8,978	2,723	4,189	1,002,681	6,941,245
Income before income taxes	2,968,099	1,459,422	Dr.	72,579	265,717	40,027	171,599	4,832,285
Provision for income taxes	-	-	-	121,662	-	-	121,662	6,785,761
Net income after income taxes	2,968,099	1,459,422	Dr.	72,579	144,055	40,027	171,599	4,710,623
								6,613,643

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

July 1965

	Group I carriers			Group II carriers			Grand total	
	Air Canada	Canadian Pacific Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	
Revenue transportation services:								
Unit toll:								
Departures	No.	13,561	2,017	15,578	1,075	1,904	1,131	5,381
Hours flown	"	18,606	3,698	22,304	1,084	2,019	1,032	5,428
Miles scheduled	"	5,293,385	1,325,654	6,619,039	67,975	240,559	110,352	7,127,840
Miles flown:								
Scheduled - Regular	"	5,266,255	1,291,302	6,557,557	61,205	240,316	105,965	7,053,536
Extra section	"	200,647	9,646	210,293	6,559	18,261	3,627	252,121
Non-scheduled	"	5,466,902	-	6,767,850	-	101,020	58,216	305,143
Totals	"	1,300,948	6,767,850	168,784	316,893	173,949	183,324	842,950
Ratio of regular miles flown to miles scheduled		99.5	97.4	99.1	90.0	99.9	96.0	99.0
Passengers carried	No.	425,711	55,261	480,972	10,231	22,428	10,699	6,285
Goods carried:								
Freight	lb.	6,586,011	911,963	7,497,974	775,400	1,103,559	182,668	170,204
Express	"	1,177,107	140,902	1,318,009	22,386	47,484	-	16,521
Excess baggage	"	50,448	50,448	50,448(2)	14,700	35,904	24,600	8,622
Mail	"	2,716,811	247,578	2,964,389	105,539	146,938	28,385	105,738
Totals	"	10,479,929	1,350,891	11,830,820	918,025	1,333,885	235,553	301,085
Passenger-miles:								
Scheduled	No.	369,151,574	95,541,717	464,693,291	876,747	6,141,667	1,990,238	1,815,125
Non-scheduled	"	-	-	2,031,680	400,569	1,373,605	363,366	10,823,777
Totals	"	369,151,574	95,541,717	464,693,291	2,908,427	6,542,236	3,363,843	4,169,220
Available seat-miles on scheduled services	"	527,054,524	155,698,416	682,752,940	2,191,066	13,796,656	3,761,448	2,178,491
Passenger load factor on scheduled services	"	70.0	61.4	68.1	40.0	44.5	52.9	46.8
Goods ton-miles:								
Freight - Scheduled	No.	4,190,952	1,206,973	5,397,925	9,593	267,108	20,335	14,552
Non-scheduled	"	-	1,206,973	5,397,925	210,257	8,441	9,915	20,726
Totals	"	4,190,952	1,206,973	5,397,925	219,850	275,549	30,250	35,278
Express - Scheduled	"	488,072	37,089	525,161	1,001	11,807	-	3,775
Non-scheduled	"	-	-	-	2,470	-	-	16,583
Totals	"	488,072	37,089	525,161	3,471	11,807	-	2,791

See footnotes at end of table.

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

July 1965

	Air Canada	Canadian Pacific Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(l)	Grand total
Revenue transportation services -									
Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled	No.	220,541	43,916	264,457	551	7,196	2,745	1,257	11,749
Non-scheduled	"	220,541	-	264,457	1,813	163	2,232	349	4,557
Totals	"	220,541		264,457	2,364	7,359	4,977	1,806	280,63
Mail - Scheduled	"	1,144,288	245,087	1,389,375	2,402	44,178	2,585	4,951	1,443,491
Non-scheduled	"	1,144,288	-	1,389,375	15,535	458	1,231	8,757	25,981
Totals	"	1,144,288		1,389,375	17,937	44,636	3,816	13,708	1,469,472
Total - Scheduled	"	6,043,853	1,533,065	7,576,918	13,547	330,289	25,665	24,535	394,036
Non-scheduled	"	6,043,853	-	7,576,918	230,075	9,062	13,378	30,153	7,970,954
Totals	"	6,043,853		7,576,918	243,622	339,351	39,043	54,688	282,668
Available ton-miles on scheduled services	"	80,300,035	20,143,310	100,443,345	314,990	1,752,333	373,650	418,140	103,302,458
Weight load factor on scheduled services(3)		53.5	55.0	53.8	32.1	53.9	60.1	49.3	51.6
Bulk:									
Departures	No.	128	132	260	968	3,582	54	553	5,157
Hours flown	"	554	752	1,306	965	3,659	58	1,110	5,417
Miles flown	"	265,839	274,241	540,080	92,083	501,793	8,630	198,319	7,097
Passengers carried	"	8,614	7,009	15,623	2,623	9,823	68	800,825	1,340,905
Freight carried	1b.	-	-	-	119,105	1,667,777	177,469	3,024	15,338
Passenger-miles(4)	No.	29,790,843	26,990,391	56,781,234	310,245	13,189,454	21,857	1,026,506	30,961
Goods ton-miles(4)	"	-	-	-	9,905	74,414	14,197	5,033,127	2,990,857
Revenue non-transportation services:									
Specialty flying - Hours flown	"	31	-	31	232	-	-	-	19
Total - All services:									251
Traffic, hours and miles:(5)									282
Revenue:									
Departures	"	13,689	2,149	15,838	2,043	5,486	1,325	1,684	10,538
Hours flown	"	19,191	4,450	23,641	2,281	5,677	1,090	2,422	35,111
Miles flown	"	5,732,41	1,575,189	7,307,930	260,867	818,586	182,579	381,643	8,951,775
Passengers carried	"	434,325	62,270	496,595	12,654	32,251	10,677	9,309	561,486
Cargo carried	1b.	7,763,118	1,052,865	8,815,983	916,891	2,818,920	360,137	1,213,231	5,309,079
Goods carried	"	10,479,929	1,350,891	11,830,820	1,037,130	3,001,662	413,022	1,327,591	14,125,662
Passenger-miles(4)	No.	398,94,417	122,532,108	521,474,525	3,218,692	19,731,690	3,385,700	4,547,713	552,358,220
Goods ton-miles(4)	"	6,043,853	1,533,065	7,576,918	253,527	413,765	53,240	557,815	8,855,265

See footnotes at end of table.

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

July 1965

	Group I carriers			Group II carriers			Grand total	
	Air Canada	Canadian Pacific Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)
Total - All services - Concluded:								
Traffic, hours and miles - Concluded:(5)								
Non-revenue:								
Hours flown	No.	276	78	354	168	330	29	86
Passengers carried	No.	..	2,459	2,459(2)	271	589	163	157
Goods carried	lb.	..	170,686	170,686	36,781	25,933	-	13,136
Passenger-miles	No.	16,608,199	4,928,433	21,536,632	217,944	222,223	48,177	68,410
Goods ton-miles	"	529,410	199,877	729,287	9,363	10,487	-	3,823
Fuel and oil consumed:								
Turbo fuel - Quantity	gal.	16,437,597	4,347,073	20,784,670	94,710	-	150,171	69,916
Cost	\$	2,120,542	704,963	2,825,505	18,942	-	31,536	16,202
Gasoline - Quantity	gal.	-	455,708	455,708	155,615	688,984	32,267	247,400
Cost	\$	-	125,422	125,422	49,088	257,998	10,648	96,960
Turbo oil - Quantity	gal.	-	2,863	460	3,323	44	-	783
Cost	\$	28,714	3,800	32,514	660	-	2,741	8
Other oil - Quantity	gal.	-	5,442	5,442	2,392	8,457	714	80
Cost	\$	-	5,484	5,484	2,990	10,571	571	571
Average number of employees:								
Pilots and co-pilots	No.	663	228	891	61	106	29	55
Other flight personnel	No.	875	288	1,163	15	60	16	24
General management	No.	68	111	179	8	66	50	20
Maintenance labour	No.	2,683	542	3,225	215	208	75	103
Aircraft and traffic servicing	No.	4,319	928	5,247	118	114	109	58
Other personnel	No.	3,887	725	4,612	44	28	9	56
Total employees	No.	12,495	2,822	15,317	461	582	288	316
Salaries and wages:								
Pilots and co-pilots	\$	879,344	298,189	1,177,533	50,822	105,788	25,049	43,894
Other flight personnel	\$	438,119	166,156	604,275	4,102	28,939	5,071	7,293
General management	\$	1,23,918	97,004	220,922	8,166	30,465	21,298	13,441
Maintenance labour	\$	1,535,726	261,884	1,797,610	99,561	123,063	39,385	45,150
Aircraft and traffic servicing	\$	2,183,346	418,724	2,602,070	46,588	69,645	46,991	25,708
Other personnel	\$	2,162,259	295,483	2,457,742	18,326	5,005	5,421	8,909
Total salaries and wages	\$	7,322,712	1,537,440	8,860,152	227,565	362,905	143,215	144,495

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

(2) Excludes Air Canada.

(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.

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

July 1965

	Air Canada	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Total
Passengers carried:							
Originated	339,299	46,419	7,148	20,477	10,609	5,225	429,177
No. 11	86,412	3,875	2,997	-	-	-	98,002
Domestic interline	"	4,718	-	-	-	-	-
Foreign interline	"						
Totals(2)	425,711	55,012	10,145	20,477	10,609	5,225	527,179
Express carried:							
Originated	1,177,107	140,902	22,362	47,484	-	16,521	1,404,376
Domestic interline	"	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-
Totals(2)	1,177,107	140,902	22,362	47,484	-	16,521	1,404,376
Freight carried:							
Originated	6,586,011	735,867	774,670	1,026,939	182,668	84,014	9,390,169
Domestic interline	"	38,270	-	-	-	-	38,270
Foreign interline	"	33,688	-	-	-	-	33,688
Totals(2)	6,586,011	807,825	774,670	1,026,939	182,668	84,014	9,462,127
Excess baggage carried:							
Originated	50,448	**	14,407	33,247	24,600	6,773	129,475(3)
Domestic interline	"	**	-	-	-	-	-
Foreign interline	"	**	-	-	-	-	-
Totals(2)	50,448	**	14,407	33,247	24,600	6,773	129,475(3)
Mail carried:							
Originated	2,716,811	247,578	105,539	139,536	28,285	24,736	3,262,485
Domestic interline	"	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-
Totals(2)	2,716,811	247,578	105,539	139,536	28,285	24,736	3,262,485

- (1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.
- (2) Excludes division interline.
- (3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

July 1965

	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. 2,361	635	406	103	3,505	12,073	15,578
Hours flown	" 3,199	2,081	1,142	7,876	14,428	22,304	
Miles scheduled	" 751,824	1,294,844	425,474	318,569	2,790,111	3,828,328	6,615,039
Miles flown:							
Scheduled - Regular	" 747,634	1,273,169	424,955	309,123	2,754,381	3,802,676	6,551,557
Extra sections	" 29,319	29,072	2,288	-	60,659	149,634	210,293
Non-scheduled	" "	"	"	"	"	"	"
Totals	" 776,953	1,302,241	427,223	309,123	2,815,540	3,952,310	6,767,850
Ratio of regular miles flown to miles scheduled		99.4	98.3	99.9	97.0	98.7	99.1
Passengers carried	No.	***	***	***	309,093	480,972	
Cargo carried	1b.	***	***	***	5,222,472	8,815,983	
Mail carried	"	***	***	***	416,070	2,964,389	
Passenger-miles	No.	41,778,196	119,094,595	28,810,943	21,311,486	210,995,220	253,698,071
Available seat-miles on scheduled services "	No.	62,661,733	168,795,463	51,912,117	37,649,602	321,018,915	464,693,291
Passenger load factor on scheduled services	"	66.7	70.6	55.5	56.6	65.7	70.3
Goods ton-miles:							
Express	No.	61,744	-	-	61,744	463,417	
Freight	"	366,293	1,427,095	374,799	2,665,460	2,324,465	525,161
Excess baggage	"	21,087	54,356	24,144	109,076	155,381	5,397,925
Mail	"	37,086	238,205	64,920	456,480	932,895	264,457
Totals	"	486,210	1,719,656	463,863	623,031	3,292,760	1,389,375
Available ton-miles on scheduled service	"	8,784,247	25,824,808	6,546,001	5,238,114	46,393,170	7,576,918
Weight load factor on scheduled services(1)	"	53.1	52.8	51.1	52.6	52.6	53.8
Bulk:							
Departures	No.	107	379	-	-	486	
Hours flown	"	152	2,231	-	-	2,383	
Miles flown	"	29,162	768,223	-	-	797,585	
Passengers carried	"	511	20,499	-	-	21,010	
Goods carried	1b.	2,671	-	-	-	2,671	
Passenger-miles(2)	No.	220,895	76,746,078	-	-	76,966,973	
Goods ton-miles(2)	"	1,114	-	-	-	1,114	
Total:							
Departures	"	2,468	1,014	406	103	3,991	
Hours flown	"	3,551	4,912	1,162	654	10,259	
Miles flown	"	806,115	2,070,664	427,223	309,123	3,613,125	
Passengers carried	"	"	"	"	"	192,079	
Goods carried	1b.	41,999	195,840,673	28,810,943	21,311,486	3,962,252	
Passenger-miles(2)	No.	487,324	1,719,656	463,863	623,031	287,962,193	
Goods ton-miles(2)	"	"	"	"	"	3,293,874	

(1) Standard passenger weight used: 200 pounds.

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

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

July 1965

	United States			Europe		
	To	From	Total	To	From	Total
Passengers carried:						
Unit toll	No.	103,860	103,835	207,695	33,339	35,518
Bulk	"	763	1,031	1,794	10,455	8,452
Totals	"	104,623	104,866	209,489	43,794	43,970
Freight, express and excess baggage carried:						
Unit toll	lb.	768,768	2,488,091	3,256,859	728,207	1,739,573
Bulk	"	-	-	-	-	-
Totals	"	768,768	2,488,091	3,256,859	728,207	1,739,573
Mail carried (unit toll)	"	127,943	229,372	357,315	96,442	160,093
All other areas				Totals		
	To	From	Total	To	From	Total
Passengers carried:						
Unit toll	No.	6,683	6,667	13,350	143,882	146,020
Bulk	"	-	-	-	11,218	9,483
Totals	"	6,683	6,667	13,350	155,100	155,503
Freight, express and excess baggage carried:						
Unit toll	lb.	191,693	156,483	348,176	1,688,668	4,384,147
Bulk	"	-	-	-	-	-
Totals	"	191,693	156,483	348,176	1,688,668	4,384,147
Mail carried (unit toll)	"	18,750	26,303	45,053	243,135	415,768
Total by Canadian carriers				Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll	No.	82,018	84,300	166,318	61,864	61,720
Bulk	"	8,508	5,980	14,488	2,710	3,503
Totals	"	90,526	90,280	180,806	64,574	65,223
Freight, express and excess baggage carried:						
Unit toll	lb.	979,491	2,433,984	3,413,475	709,177	1,950,163
Bulk	"	-	-	-	-	-
Totals	"	979,491	2,433,984	3,413,475	709,177	1,950,163
Mail carried (unit toll)	"	162,744	222,378	385,122	80,391	193,390

(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

July 1965

	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.	\$
Type of service:								
Aerial advertising	6	570	11	968	86	4,002	608	59,277
Aerial fish cultivation	8	1,728	31	1,728	-	-	-	-
Aerial patrol and inspection	1,457	168,903	7,151	746,435	1,589	189,533	5,069	757,206
Aerial pest control	96	70,558	2,425	507,478	-	-	-	-
Aerial photography and survey	589	117,535	4,072	553,644	358	31,438	1,023	90,402
Aerial photography (excl. survey)	173	9,202	481	22,399	81	1,398	426	17,575
Aircraft rental	92	1,792	484	8,491	-	-	-	-
Flying training	7,478	112,367	32,768	541,821	-	-	563	33,942
Geophysical survey	1,163	57,078	5,372	461,153	972	45,102	2,780	287,566
Non-transportation charter	218	99,564	420	125,020	-	-	-	-
Philanthropic	-	-	-	-	-	-	-	-
Recreational flying	2,066	41,971	8,934	195,184	219	18,370	462	33,499
Specialty flying - Other	-	-	22	1,533	53	2,390	601	45,445
Totals	13,346	681,268	62,171	3,165,854	3,358	292,233	11,532	1,324,912

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

July 1965

	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.	14	...	9	...	23
Helicopters - Owned	"	147	150	26	21	173
Leased	"	28	20	6	2	34
Totals	"	175	170	32	23	207
Revenue hours flown - Unit toll	"	5	190	-	-	5
Bulk	"	14,294	40,868	638	2,418	14,932
Specialty	"	1,655	6,382	1,703	4,937	3,358
Totals	"	15,954	47,440	2,341	7,355	18,295
Non-revenue hours flown	"	370	3,369	90	280	460
Fuel and oil consumed:						
Gasoline	gal.	256,164	850,327	18,905	80,409	275,069
Cost	\$	122,958	395,348	8,542	46,848	131,500
Oil	gal.	4,548	14,785	167	1,236	4,715
Cost	\$	7,408	26,216	284	1,856	7,692
Average number of employees:						
Pilots	No.	199	167	17	12	216
Administrative	"	67	54	2	1	69
Maintenance labour	"	163	157	10	7	173
Other personnel	"	7	7	-	-	7
Totals	"	436	385	29	20	465
Salaries and wages:						
Pilots	\$	170,160	880,702	13,388	66,212	183,548
Administrative	\$	34,494	260,336	1,300	7,500	35,794
Maintenance labour	\$	85,726	566,783	6,498	28,778	92,224
Other personnel	\$	2,243	14,651	-	-	2,243
Totals	\$	292,623	1,722,472	21,186	102,490	313,809
						1,824,962

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV
July 1965

	Current month	Year to date
		dollars
Operating revenues:		
Unit toll transportation:		
Passengers	-	-
Express	-	-
Freight	-	-
Excess baggage	-	-
Mail	-	-
Total unit toll transportation	-	-
Bulk transportation	1,646,173	4,910,355
Total transportation	1,646,173	4,910,355
Other flying services	196,502	652,387
Total flying services	1,842,675	5,562,742
Non-flying services	Dr. 168,611	81,050
Total operating revenues	1,674,064	5,643,792
Operating expenses:		
Flying operations	483,160	2,032,492
Maintenance	350,880	1,649,659
General service and administration	87,449	560,363
Depreciation and amortization	74,640	539,747
Total operating expenses	996,129	4,782,261
Operating income (deficit)	677,935	861,531
Non-operating income:		
Capital gains and losses	Dr. 16,448	77,263
Interest and discounts	2,297	7,999
Miscellaneous non-operating income	1,651	19,853
Income before interest expense	665,435	966,646
Interest expense	19,766	138,357
Income before income taxes	645,669	828,289
Provision for income taxes	6,020	10,753
Net income after income taxes	639,649	817,536

CIVIL AVIATION DEFINITIONS(1)

- Bulk Transportation: (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
- Classification of Canadian Carriers by Groups
- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Air Canada and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
- Cargo: Air freight and air express (excluding mail and excess baggage).
- Carrier, Air: Any person who operates aircraft in or over Canada for hire or reward.
- Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.
- Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
- Express, Air: It is a package service operated within the U.S.A. and Canada only; the rates cover door-to-door service. Because Air Express shipments are carried on all flights and take priority over Air Freight and because Express shipments receive priority on the ground too, they take higher rates.
-
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
(2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on regular flights at standard per pound rates when space is available.

Goods:

Air Cargo (freight and express) plus mail and excess baggage.

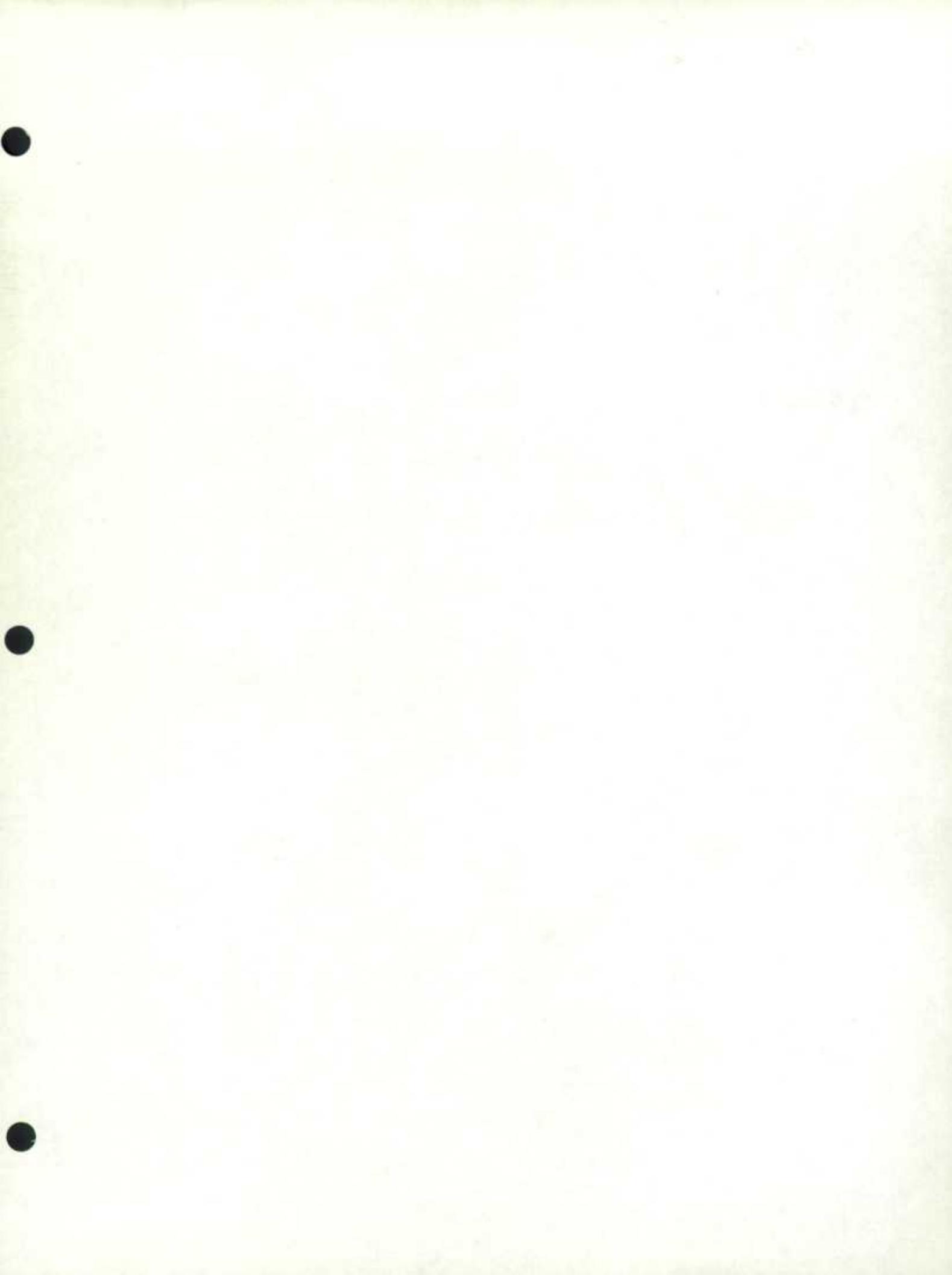
Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.
- Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight, Load-Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
<u>Passenger Load-Factor:</u>	- See Load Factor, Passenger.
<u>Passenger-Mile:</u>	The transportation of one passenger one mile.
<u>Non-Revenue Passenger:</u>	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
<u>Revenue Passenger:</u>	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes:
	(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and
	(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
<u>Weight Load Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.



STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010528328

1965
CIVIL AVIATION