

CATALOGUE No.

51-001

MONTHLY

Historical File Copy



DOMINION BUREAU  
OF STATISTICS

NOV 3 - 1964

PROPERTY OF THE  
CIVIL AVIATION

## CIVIL AVIATION

JUNE 1964

*Published by Authority of*  
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
Public Finance and Transportation Division  
Transportation Section

November 1964  
8504-510

Price: 30 cents  
\$3.00 a year

Vol. 24—No. 6

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa

Historical File Copy

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
<b>Charts:</b>	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
<b>Tables:</b>	
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
11. Operating Statistics, Canadian Group V Carriers .....	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 has been revised as of 1st January, 1964. This revision resulted in four former group III carriers being transferred to Group IV and 24 former Group IV carriers being transferred to Group V. 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 comprises 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 which predominates.

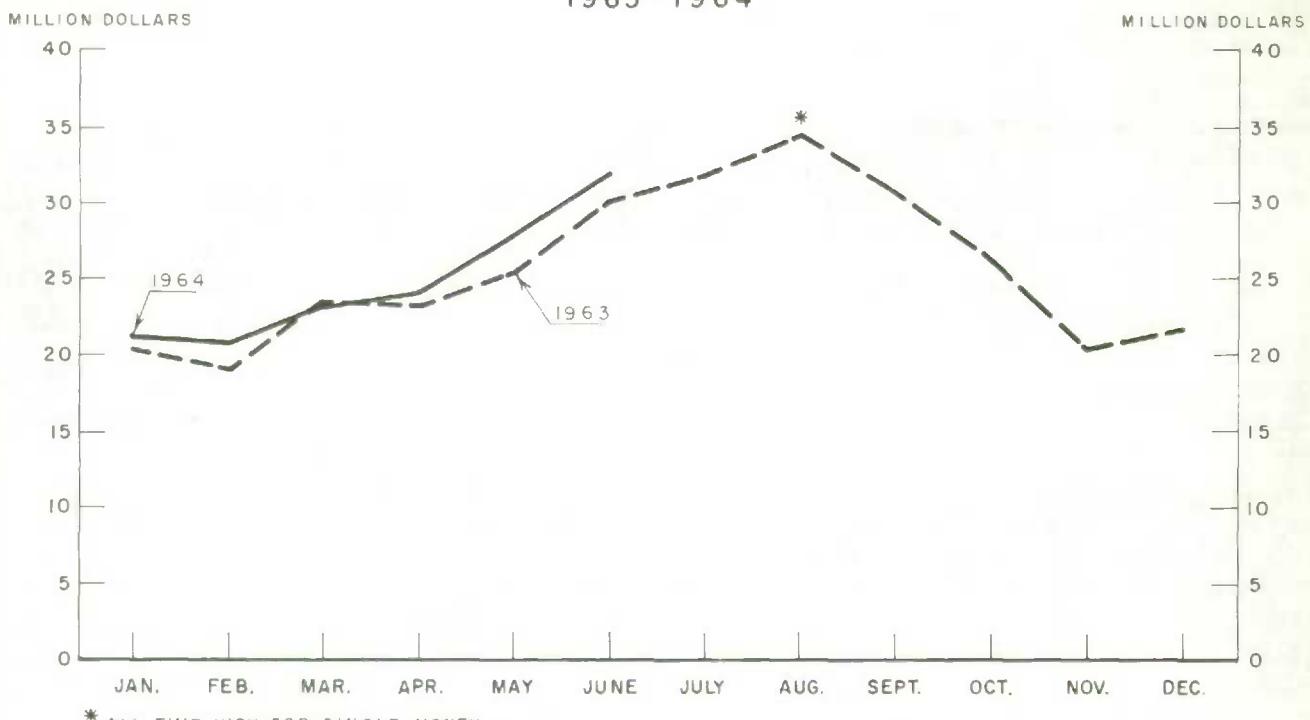
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Commencing with the January, 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. However, because of survey limitations, this data refers only to aircraft which has a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights have also been added to Table 6. It should be noted, however, that the number of carriers reporting international bulk services may vary from month to month.

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.

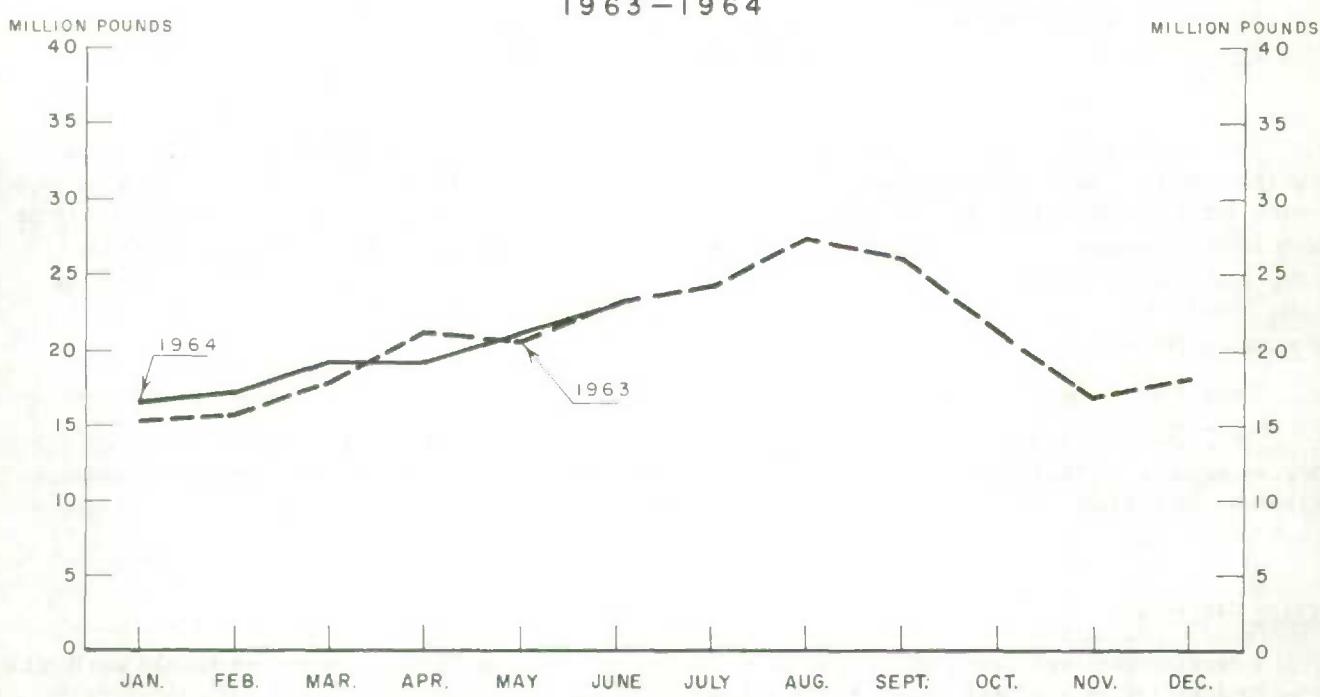
Also commencing with the January, 1964 issue of "Civil Aviation", data on helicopters have been expanded to include more detail. A split has been made between the use of fixed wing aircraft and helicopters for specialty flying.

OPERATING REVENUE OF CANADIAN AIR CARRIERS  
1963-1964



\* ALL TIME HIGH FOR SINGLE MONTH.

REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS  
1963-1964



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

## REVIEW OF JUNE OPERATIONS

Increases were reported in the transportation of both revenue passengers and goods by Canadian Air Carriers during the month of June compared with June 1963. Although passengers carried totalled 550,032, an increase of 6.3 per cent, goods transported decreased to 11,531.0 tons, a change of less than 1 per cent. The revenue miles flown were down 1.6 per cent to 9,816,795. Passenger-miles and goods-ton-miles performed by Canadian carriers in unit toll and bulk services totalled 426,438,961 and 11,743,037 respectively. Unit toll services accounted for 87.1 per cent of the total passenger-miles and 58.4 per cent of the total goods-ton-miles.

June operating revenues showed a 6.5 per cent increase over June 1963 to \$31,988,345 while operating expenses rose 5.4 per cent to \$26,945,584, thus an operating income of \$5,042,761 was reported. This compared with an income of \$4,482,237 for the same month of the previous year. A net income after provision for income taxes of \$4,102,596 was reported as against a net income of \$3,568,-432 in June 1963.

The operations of Group V carriers for the second quarter of 1964 are covered in Table 11. The 277 carriers reporting in the quarter transported 57,829 passengers and 2,187.4 tons of revenue goods.

Revenue hours reported flown by 15 carriers who operated 141 helicopters exclusively amounted to 7,689. Hours reported flown by 11 helicopters operated by 7 fixed wing carriers totalled 617. Operating revenues reported by helicopter carriers amounted to \$957,012 while operating expenses amounted to \$777,279.

In June the six scheduled carriers transported 486,549 revenue passengers, 88.5 per cent of all passengers carried by all Canadian carriers. They also carried 7,190.6 tons of revenue goods, 62.4 per cent of the total. Operating revenues amounted to \$28,167,802 or 88.1 per cent of all Canadian air carrier revenues. Operating expenses amounted to \$24,029,872 or 89.2 per cent of the total. Comparable figures for June 1963 are: passengers 85.5 per cent, goods 51.4 per cent, revenues 86.7 per cent and expenses 87.9 per cent.

Revenue passenger-miles performed by Canadian carriers in international unit toll in June amounted to 153,776,597 or 41.4 per cent of the total unit toll passenger-miles. The division of international services by air was as follows:

<u>Area</u>	<u>Percentage</u>
Trans-Border .....	24.7
Trans-Atlantic and Polar .....	46.3
Southern .....	18.5
Pacific and Orient .....	<u>10.5</u>
Total .....	<u>100.0</u>

### The Cumulative View:

The first six months of 1964 compared with the same period in 1963 showed the revenue passengers increased 4.1 per cent to 2,660,209, while revenue goods rose 2.0 per cent to 58,282.0 tons. Passenger-miles and goods-ton-miles performed by Canadian carriers totalled 1,956,944,662 and 48,988,-845 respectively. Operating revenues increased 5.1 per cent to \$149,129,848 while operating expenses increased 5.8 per cent to \$147,933,813.

### Foreign Carriers:

Foreign carriers licensed to operate in Canada transported 98,471 revenue passengers during June, an increase of 21.7 per cent over June 1963. Revenue goods carried totalled 1,257.8 tons, an increase of 28.1 per cent. Foreign carriers report hours and miles flown over Canadian territory only. Statistics of passengers and goods in transit have been excluded.

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

June 1964

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	15	44	59	65	10	9	84	...	
<b>Revenue transportation services:</b>										
Unit toll:										
Departures .....	No.	18,507	2,735	484	3,219	21,726	..	..	..	
Hours flown .....	"	23,835	2,737	464	3,201	27,036	342	1,219	150,743	
Miles scheduled .....	"	5,987,790	...	...	5,987,790	84,398	485,416	6,557,604	35,437,505	
Miles flown:										
Scheduled .....	"	6,218,078	...	...	6,218,078	83,703	488,179	6,789,960	35,821,566(4)	
Non-scheduled .....	"	194,731	338,336	34,192	372,528	567,259	-	567,259	3,329,958(4)	
Totals .....	"	6,412,809	338,336	34,192	372,528	6,785,337	83,703	7,357,219	39,151,52%	
Passengers carried .....	"	463,002	11,720	2,827	14,547	477,549	59,847	32,786	570,182	
Goods carried:										
Cargo .....	lb.	8,989,461	661,115	46,240	707,355	9,696,816	816,050	1,387,096	12,057,857	
Excess baggage .....	"	14,288(5)	8,585	8,022	16,607	157,895	3,680,988	3,993,475	66,001,856	
Mail .....	"	3,587,364	73,100	20,524	93,624	136,245	176,245	1,563,341	24,779,961	
Totals .....	"	12,718,113	74,280	74,786	817,586	13,535,699	952,292	16,051,332	90,781,817	
Passenger-miles .....	No.	368,776,117	2,174,491	292,250	2,466,741	371,242,858	2,581,866	27,684,775	401,509,499	
Goods ton-miles:									1,909,346,228	
Cargo .....	"	4,930,078	200,636	7,962	208,598	5,138,676	19,464	505,916	5,926,954	
Excess baggage .....	"	256,642	3,923	333	4,256	260,898	2,993	72,016	1,531,183	
Mail .....	"	1,437,255	19,644	1,275	20,919	1,459,174	22,457	577,932	7,458,137	
Totals .....	"	6,623,975	224,203	9,570	233,773	6,857,748			42,963,140	
Bulk:										
Departures .....	"	4,054	10,005	14,979	24,984	29,038	**	**	30,370	
Hours flown .....	"	5,202	12,160	12,864	25,024	30,226	4	140	98,814	
Miles flown .....	"	1,018,009	898,069	1,115,380	2,013,449	3,011,458	1,022	51,227	3,085,707	
Passengers carried .....	"	23,547	22,402	26,834	49,236	72,783	674	5,164	10,990,538	
Freight carried .....	lb.	1,663,124	4,643,517	3,219,629	7,863,146	9,526,270	-	-	78,621	
Passenger-miles(6) .....	No.	52,751,659	2,387,694	56,750	2,544,444	55,196,103	**	**	40,537,857	
Goods ton-miles(6) .....	"	562,934	4,285,097	37,258	6,322,355	4,885,289	-	-	4,885,289	
Revenue non-transportation services:										
Specialty flying - Hours flown "		495	2,322	9,274	1,596	12,091			40,181	

### Revenue non-transportation services:

### Specialty flying - Hours flown

---

See footnotes at end of table.

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

June 1964

Scheduled carriers	Canadian carriers			Foreign carriers(2)			Grand total all carriers	Year to date
	Non-scheduled carriers		Total Canadian carriers	United States carriers	Other Foreign carriers(3)			
	Group I and II(1)	Group III(1)	Group IV	Total				
<b>Total - All services:</b>								
Revenue:								
Traffic, miles and hours: (7)								
Departures .....	No.	22,561	12,740	15,463	28,203	50,764	..	..
Hours flown .....	"	29,532	17,219	22,602	39,821	69,353	346	71,359
Miles flown .....	"	7,430,818	1,236,405	1,149,772	2,385,977	8,16,795	550,032	10,440,926
Passengers carried .....	"	486,549	34,122	29,661	63,783	60,521(8)	61,521(8)	539,406
Cargo carried .....	lb.	10,652,585	5,304,632	3,265,869	8,570,501	19,223,086	816,050	37,950(8)
Goods carried .....	"	14,381,237	3,386,317	3,294,415	8,680,732	23,061,969	952,292	1,387,056
Passenger-miles(6) .....	No.	421,527,776	4,562,185	349,000	4,911,385	4,26,488,961	1,563,341	1,563,341
Goods ton-miles(6) .....	"	7,186,909	4,509,300	4,6828	4,556,128	11,743,037	22,457	22,457
Non-revenue:								
Hours flown .....	"	705	811	587	1,398	2,103	1	3
Passengers carried .....	"	2,505(5)	83	40	123	628	1,107	526
Goods carried .....	lb.	188,275(5)	52,765	1,575	54,340	242,615	13,309	66,928
Passenger-miles .....	No.	15,841,828	25,947	451	26,398	15,868,226	46,760	379,196
Goods ton-miles .....	"	597,575	112,774	-	112,774	710,349	324	19,986
Fuel and oil consumed:								
Turbo fuel - Quantity .....	gal.	17,446,562	-	18,105	18,105	17,462,667	110,347	2,811,076
Cost .....	\$	2,457,206	-	5,220	5,220	2,463,026	15,275	532,903
Gasoline - Quantity .....	gal.	1,151,944	-	424,846	1,033,863	2,185,807	26,514	101,732
Cost .....	\$	367,310	237,323	195,229	432,229	799,932	9,153	70,483
Turbo oil - Quantity .....	gal.	4,173	-	3	4,173	4,173	58	58
Cost .....	\$	41,423	-	45	45	41,468	339	638
Other oil - Quantity .....	gal.	14,442	8,033	7,466	15,499	29,941	130	130
Cost .....	\$	16,367	11,536	10,008	21,544	37,911	135	230
Average number of employees:								
Pilots and co-pilots .....	No.	1,037	310	297	607	1,644	..	..
Other flight personnel .....	"	1,114	20	17	37	1,151	..	..
General management .....	"	336	80	71	151	487	..	..
Maintenance labour .....	"	3,653	351	230	581	4,234	..	..
Aircraft & traffic servicing .....	"	5,202	104	65	169	5,371	..	..
Other personnel .....	"	4,650	196	86	282	4,932	..	..
Totals .....	"	15,992	1,061	766	1,827	17,819	240	739
Salaries and wages paid:								
Pilots and co-pilots .....	\$	1,240,437	236,769	207,603	443,372	1,664,809	..	..
Other flight personnel .....	\$	526,330	12,089	4,834	16,923	543,253	..	..
General management .....	\$	284,909	53,138	43,306	96,44	381,353	..	..
Maintenance labour .....	\$	1,829,611	146,402	96,114	242,516	2,072,127	..	..
Aircraft & traffic servicing .....	\$	2,502,679	37,244	20,84	57,728	2,560,407	..	..
Other personnel .....	\$	2,266,216	71,522	28,227	99,749	2,365,965	..	..
Totals .....	\$	8,650,182	557,164	400,568	957,732	9,607,914	123,134	353,478

(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 Trans-Canada Air Lines.

(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

June 1964

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date		
	Group I	Group II(1)	Total	Group III(1)		Total				
				Group IV	Total					
<b>Operating revenues:</b>										
Unit toll transportation:										
Passengers .....	21,438	332	1,060,877	22,499,309	289,924	30,816	320,740	22,820,049		
Express .....	365	575	17,712	383,287	9,183	906	393,376	110,224,621		
Freight .....	1,112	440	191,738	1,304,178	103,054	3,225	106,279	2,065,728		
Excess baggage .....	125	433	19,842	145,275	6,309	682	7,191	8,136,761		
Mail .....	1,181	329	111,770	1,293,699	28,733	4,742	33,475	152,466		
Total unit toll transportation .....	24,223	809	1,401,939	25,625,748	437,403	40,371	477,774	786,082		
Bulk transportation .....										
Total transportation .....	1,484	734	888,286	2,373,020	1,189,308	1,088,383	2,277,691	4,650,711		
Other flying services .....	25,708	543	2,290,225	27,998,768	1,626,711	1,128,754	2,755,465	15,251,239		
Total flying services .....	13,821		32,936	46,757	4,17,480	445,690	863,170	30,754,233		
Non-flying services .....	25,722	364	2,322,161	28,042,525	2,044,191	1,574,444	3,618,635	144,737,612		
Total operating revenues .....	25,92,276		30,001	122,277	127,592	74,316	201,908	31,664,160		
25,814,640	2,353,162		28,167,802	2,171,783	1,648,760	3,820,543	31,988,345	147,127,726		
Operating expenses:										
Flying operations .....	5,543	094	824,990	6,368,084	968,444	475,657	1,444,101	7,812,185		
Maintenance .....	4,167	795	588,363	4,756,158	511,097	294,996	806,093	39,514,747		
General services and administration:										
Passenger service .....	1,874	046	76,412	1,950,458	**	**	**	5,562,251		
Aircraft and traffic servicing .....	3,117	666	245,792	3,363,458	**	**	**	32,960,831		
Promotion and sales .....	3,860	389	153,754	4,014,343	**	**	**	10		
General administration .....	896	163	124,119	1,020,282	**	**	**	14		
Totals .....	9,748	464	600,077	10,348,541	274,829	152,748	427,577	59,332,694		
Depreciation and amortization .....	4,223	376	133,713	2,557,089	135,372	102,569	237,941	16,125,541		
Total operating expenses .....	21,882,729		2,147,143	24,029,872	1,889,742	1,025,970	2,915,712	147,933,813		
Operating income (loss) .....	3,931,911		206,019	4,137,930	282,041	622,790	904,831	5,042,761		
Non-operating income - Net:								1,196,035		
Capital gains and losses .....	4,225		4,680	17,969	1,647	19,616	24,296	439,657		
Interest and discounts .....	165	335	165,580	3,631	1,157	4,788	170,368	896,814		
Miscellaneous non-operating income .....	8,334		3,419	11,753	52,225	747 Dr.	51,478 Dr.	5,114		
Income before interest expense .....	4,110,005		209,938	4,319,943	251,416	626,341	877,557	5,187,700		
Interest expense .....	947,810		59,718	1,007,528	30,952	14,660	45,612	1,053,140		
Income before income taxes .....	3,162,195		150,220	3,312,415	220,464	611,681	832,145	2,537,620		
Provision for income taxes .....	"		"	"	13,632	28,332	41,964	6,351,723		
Net income after income taxes .....	3,162,195		150,220	3,312,415	206,832	583,349	790,181	3,901,442		

(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

June 1964

	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans-Canada Air Lines	Total	Year to date
<b>Operating revenues:</b>								
Unit toll transportation:								
Passengers .....	4,359,792	214,803	374,189	290,443	181,442	17,078,640	22,499,309	108,922,112
Express .....	18,814	3,694	10,639	-	3,379	346,761	383,287	2,005,137
Freight .....	265,649	51,592	79,667	37,713	22,666	847,091	1,304,178	7,607,210
Excess baggage .....	36,821	3,025	8,894	6,033	1,890	88,612	145,275	759,431
Mail .....	262,992	29,456	49,106	6,844	26,364	918,937	1,291,699	7,950,307
Total unit toll transportation .....	4,943,768	302,570	522,495	341,033	235,841	19,280,041	25,625,748	127,244,197
Bulk transportation .....	498,310	137,466	466,757	7,992	276,071	986,424	2,373,020	7,218,446
Total transportation .....	5,442,078	440,036	989,252	349,025	511,912	20,266,465	27,998,768	134,462,643
Other flying services .....	-	32,936	-	-	-	13,821	46,757	196,332
Total flying services .....	5,442,078	472,972	989,252	349,025	511,912	20,280,286	28,045,525	134,658,975
Non-flying services .....	95,740	12,810	8,685	3,400	5,106	Dr.	3,464	1,195,852
Total operating revenues .....	5,537,818	485,782	997,937	352,425	517,018	20,276,822	28,167,802	135,854,827
<b>Operating expenses:</b>								
Flying operations .....	1,690,684	163,807	403,749	86,996	170,438	3,852,410	6,368,084	34,171,089
Maintenance .....	643,859	184,454	170,660	82,491	150,758	3,23,916	4,736,158	29,109,078
General services and administrations:								
Passenger service .....	419,649	14,011	39,037	9,901	13,463	1,454,397	1,950,458	9,987,884
Aircraft and traffic servicing .....	546,769	73,770	128,310	28,104	15,608	2,570,897	3,363,458	19,877,257
Promotion and sales .....	943,771	18,577	40,870	52,217	42,990	2,916,818	4,014,343	21,121,487
General administration .....	197,010	40,085	39,590	25,778	18,666	699,153	1,020,282	5,978,188
Totals .....	2,107,199	146,443	247,807	116,000	89,827	7,641,225	10,348,541	56,970,816
Depreciation and amortization .....	219,115	53,872	27,450	32,215	20,176	2,204,281	2,557,089	14,854,422
Total operating expenses .....	4,660,857	548,576	849,666	317,702	431,199	17,221,872	24,029,872	135,105,405
Operating income (loss) .....	876,961 Dr.	62,794	148,271	34,723	85,819	3,054,950	4,137,930	749,422
Non-operating income - Net:								
Capital gains and losses .....	4,225	-	496 Dr.	41	-	101,933	4,680	285,896
Interest and discounts .....	63,582	72	- Dr.	27	8,682	165,580	8,682	871,240
Miscellaneous non-operating income .....	348	5,787	193 Dr.	691 Dr.	1,870	11,753	43,697	43,697
Income before interest expense .....	944,420	56,935	148,960	33,991	83,922	3,165,585	4,319,943	1,950,255
Interest expense .....	-	31,521	8,983	13,559	5,655	947,810	1,007,528	6,071,700
Income before income taxes .....	944,420	88,456	139,977	20,432	78,267	2,217,775	3,312,415	Dr. 4,121,445
Provision for income taxes .....	-	-	-	-	-	-	-	-
Net income after income taxes .....	944,420	88,456	139,977	20,432	78,267	2,217,775	3,312,415	Dr. 4,121,445

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

June 1964

	Group I carriers			Group II carriers			Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)
<b>Revenue transportation services:</b>							
Unit toll:							
Departures .....	No.	1,904	11,679	13,583	1,135	1,463	1,205
Hours flown .....	"	3,304	15,582	18,886	1,133	1,496	1,297
Miles scheduled .....	"	1,077,125	4,311,060	5,388,185	194,960	220,345	173,336
Miles flown:							
Scheduled - Regular .....	"	1,076,272	4,276,082	5,352,354	93,216	201,377	167,987
Extra section .....	"	29,714	216,960	246,674	16,483	3,867	4,216
Non-scheduled .....	"	42,938	42,938	42,938	72,629	29,167	49,997
Totals .....	"	1,148,924	4,493,042	5,641,966	182,328	234,411	172,203
Ratio of regular miles flown to miles scheduled .....		99.9	99.2	99.3	98.2	91.4	96.9
Passengers carried .....	No.	44,794	374,817	419,611	10,148	16,753	10,264
Goods carried:							
Freight .....	lb.	611,843	5,445,123	6,056,966	758,828	598,792	217,188
Express .....	"	80,429	1,064,817	1,145,246	27,322	35,096	13,279
Excess baggage .....	"	51,330	-	51,330(2)	14,443	28,053	36,293
Mail .....	"	224,750	2,942,365	3,167,115	131,756	155,838	35,236
Totals .....	"	968,352	9,422,305	10,420,657	932,049	818,379	288,717
Passenger-miles:							
Scheduled .....	No.	72,678,062	283,005,454	355,683,516	934,293	4,139,418	3,194,510
Non-scheduled .....	"	1,288,467	1,288,467	1,288,467	1,419,387	104,033	152,441
Totals .....	"	73,966,529	283,005,454	356,971,983	2,353,680	4,243,451	3,194,510
Available seat-miles on scheduled services .....	"	132,608,667	421,336,520	553,945,187	5,701,768	8,803,681	5,834,652
Passenger load factor on scheduled services .....		54.8	67.2	64.2	16.4	47.0	54.8
Goods tonmiles:							
Freight - Scheduled .....	No.	771,933	3,306,194	4,078,127	178,515	158,068	32,216
Non-scheduled .....	"	3,282	-	3,282	32,525	2,067	6,622
Totals .....	"	775,215	3,306,194	4,081,409	211,040	160,135	32,216
Express - Scheduled .....	"	21,554	378,617	400,171	5,269	8,348	-
Non-scheduled .....	"	877	-	877	1,377	-	-
Totals .....	"	22,431	378,617	400,171,646	6,646	8,348	-

See footnotes at end of table.

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

June 1964

		Group I carriers			Group II carriers			Grand total	
		Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines (1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)
<b>Revenue transportation services - Concluded:</b>									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled .....	No.	58,619	181,308	239,927	499	4,808	6,272	2,145	13,724
Non-scheduled .....	"	128	-	128	2,712	111	-	40	2,863
Totals .....	"	58,747	181,308	240,055	3,211	4,919	6,272	2,185	16,587
Mail - Scheduled .....	No.	192,079	1,163,150	1,355,229	9,616	40,127	5,344	5,135	60,222
Non-scheduled .....	"	4,152	-	4,152	9,833	282	-	7,537	17,652
Totals .....	"	196,231	1,163,150	1,359,381	19,449	40,409	5,344	12,672	77,874
Total - Scheduled .....	No.	1,044,185	5,029,269	6,073,454	193,899	211,351	43,832	29,894	479,076
Non-scheduled .....	"	8,439	-	8,439	46,447	2,460	-	14,199	63,106
Totals .....	"	1,052,624	5,029,269	6,081,893	240,346	213,811	43,832	44,093	542,082
Available ton-miles on scheduled services .....	"	16,947,843	59,202,199	75,700,042	961,200	1,209,754	578,314	470,837	3,220,105
Weight load factor on scheduled services(3) .....		49.1	56.3	55.0	29.9	51.7	62.8	45.9	46.3
Bulk:									
Departures .....	No.	77	177	254	745	2,389	25	641	3,800
Hours Flown .....	"	306	682	988	865	2,350	26	973	4,214
Miles flown .....	"	143,216	316,195	459,411	80,681	313,511	3,460	160,946	558,598
Passengers carried .....	"	4,036	9,022	13,058	2,626	5,339	100	1,824	1,018,009
Freight carried .....	"	40,244	-	40,244	185,140	584,300	-	853,440	1,622,880
Passenger-miles(4) .....	No.	14,079,122	29,702,909	43,782,031	409,546	7,130,389	27,515	1,402,178	8,969,628
Goods ton-miles(4) .....	"	66,868	-	66,868	14,337	50,874	2,751	428,104	496,066
Revenue non-transportation services:									
Specialty flying - Hours flown .....	"	-	-	57	438	-	-	-	438
Total - All services:									495
Traffic, hours and miles:(5)									
Revenue:									
Departures .....	"	1,981	11,856	13,837	1,880	3,852	1,230	1,762	8,724
Hours flown .....	"	3,610	16,321	19,931	2,436	3,846	1,049	2,270	9,601
Miles flown .....	"	1,292,140	4,809,237	6,101,377	263,009	547,922	175,663	342,847	1,329,441
Passengers carried .....	"	48,830	383,839	432,669	12,774	22,692	10,164	8,050	53,880
Cargo carried .....	"	732,516	6,509,940	7,242,456	971,290	7,219,188	217,188	1,003,463	3,410,129
Goods carried .....	"	1,008,596	9,442,305	10,460,901	1,117,189	1,402,679	288,715	1,111,751	14,381,237
Passenger-miles(4) .....	No.	88,045,651	312,708,363	400,754,014	2,763,226	11,373,840	3,222,025	3,414,671	20,773,762
Goods ton-miles(4) .....	"	1,119,492	5,029,269	6,148,761	254,663	264,685	46,583	472,197	7,186,143

See footnotes at end of table.

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

June 1964

	Group I carriers			Group II carriers			Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(l)	Quebecair Inc.(1)	Transair Ltd.(1)	
Total - All services - Concluded:								
Traffic, hours and miles - Concluded:(5)								- 14 -
Non-revenue:								
Hours flown .....	104	246	246	95	271	39	54	705
Passengers carried .....	1,502	=	1,502	217	455	179	152	1,003
Goods carried .....	126,504	=	126,504	10,794	35,014	-	15,963	2,505(2)
Passenger-miles .....	No.	2,408,616	13,002,328	15,410,944	157,930	52,254	91,227	188,275(2)
Goods ton-miles .....	"	181,988	397,537	579,525	1,003	-	4,709	15,841,828
Fuel and oil consumed:								597,575
Turbo fuel - Quantity .....	gals.	3,710,166	13,472,453	17,182,619	115,800	-	146,143	-
Cost .....	\$	613,198	1,785,526	2,398,724	792	-	30,690	2,571,206
Gasoline - Quantity .....	gals.	454,332	-	454,332	451,327	33,415	1,151,944	606,612
Cost .....	\$	129,180	-	129,180	53,531	11,027	-	238,130
Turbo oil - Quantity .....	gals.	456	3,404	3,860	58	255	-	367,310
Cost .....	\$	3,671	35,990	39,661	870	892	313	4,173
Other oil - Quantity .....	gals.	5,549	-	5,549	2,313	5,897	-	1,762
Cost .....	\$	5,559	-	5,559	2,891	683	-	4,423
Average number of employees:								
Pilots and co-pilots .....	No.	193	610	803	65	91	28	234
Other flight personnel .....	"	254	761	1,015	9	54	14	1,037
General management .....	"	117	65	182	34	52	48	99
Maintenance labour .....	"	526	2,569	3,095	171	191	67	114
Aircraft and traffic servicing .....	"	849	3,961	4,810	117	101	112	20
Other personnel .....	"	685	3,889	4,574	1	20	8	154
Total employees .....	"	2,624	11,855	14,479	397	509	277	330
Salaries and wages:								
Pilots and co-pilots .....	\$	257,264	790,001	1,047,265	45,186	82,969	23,360	41,657
Other flight personnel .....	\$	130,333	359,060	489,393	2,851	22,907	3,926	7,253
General management .....	\$	99,010	111,100	210,110	15,958	23,965	21,324	13,552
Maintenance labour .....	\$	247,402	1,326,900	1,574,302	81,358	93,549	33,702	46,700
Aircraft and traffic servicing .....	\$	394,147	1,943,562	2,337,709	38,089	62,374	41,166	23,341
Other personnel .....	\$	267,791	1,977,663	2,245,454	270	4,915	4,679	10,898
Total salaries and wages .....	\$	1,395,947	6,508,286	7,904,233	183,712	290,679	128,157	143,401

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

(2) Excludes Trans-Canada Air Lines.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight 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

June 1964

	Canadian Pacific Air Lines	Eastern Provincial Airlines (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans-Canada Air Lines	Total
Passengers carried:							
Originated . . . . .	37,504	6,461	15,750	10,264	5,284	302,547	377,810
Domestic interline . . . . .	3,218	-	-	-	-	72,270	79,420
Foreign interline . . . . .	3,932	-	-	-	-	-	-
Totals(2) . . . . .	44,654	6,461	15,750	10,264	5,284	374,817	457,230
Express carried:							
Originated . . . . .	80,429	27,322	35,096	-	13,279	1,064,817	1,220,943
Domestic interline . . . . .	"	-	-	-	-	-	-
Foreign interline . . . . .	"	-	-	-	-	-	-
Totals(2) . . . . .	80,429	27,322	35,096	-	13,279	1,064,817	1,220,943
Freight carried:							
Originated . . . . .	506,437	758,828	564,656	217,188	62,057	5,445,123	7,554,289
Domestic interline . . . . .	19,342	-	-	-	-	-	-
Foreign interline . . . . .	38,187	-	-	-	-	-	-
Totals(2) . . . . .	563,966	758,858	564,656	217,188	62,057	5,445,123	7,611,818
Excess baggage carried:							
Originated . . . . .	51,330	14,143	26,567	36,293	10,279	-	138,612(3)
Domestic interline . . . . .	"	-	-	-	-	-	-
Foreign interline . . . . .	"	-	-	-	-	-	-
Totals(2) . . . . .	51,330	14,143	26,567	36,293	10,279	-	138,612(3)
Mail carried:							
Originated . . . . .	224,750	125,089	149,770	35,236	25,511	2,942,365	3,502,721
Domestic interline . . . . .	"	-	-	-	-	-	-
Foreign interline . . . . .	"	-	-	-	-	-	-
Totals(2) . . . . .	224,750	125,089	149,770	35,236	25,511	2,942,365	3,502,721

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

(2) Excludes division interline.

(3) Excludes Trans-Canada Air Lines.

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

June 1964

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
<b>Unit toll:</b>							
Departures .....	No. 1,988	403	408	92	2,891	10,672	13,583
Hours flown .....	" 2,732	1,649	1,186	567	6,134	12,752	18,886
Miles scheduled .....	" 605,483	741,574	478,201	263,858	2,089,116	3,342,269	5,431,385
Miles flown:							
Scheduled - Regular .....	" 597,506	741,574	477,006	263,858	2,079,944	3,315,208	5,395,152
Extra sections .....	" 36,842	53,707	8,817	-	99,366	147,448	246,814
Non-scheduled	" -	-	-	-	-	-	-
Totals .....	" 634,348	795,281	485,823	263,858	2,179,310	3,462,656	5,641,966
<b>Ratio of regular miles flown to miles scheduled</b>							
Passengers carried .....	No. ...	...	...	...	143,369	276,102	419,471
Cargo carried .....	" ...	...	...	...	2,878,893	4,315,442	7,194,335
Mail carried .....	" ...	...	...	...	383,911	2,783,204	3,167,115
<b>Passenger-miles</b>							
Available seat-miles on scheduled services .....	No. 37,908,950	71,266,558	28,379,438	16,221,651	153,776,597	203,222,386	356,998,983
Passenger load factor on scheduled services	" 54,902,942	104,955,407	62,364,446	34,041,359	256,264,154	300,349,194	556,613,348
Goods ton-miles:							
Express .....	No. 68,672	-	-	-	68,672	332,376	401,048
Freight .....	" 307,044	858,231	295,033	313,349	1,773,657	2,307,752	4,081,409
Excess baggage .....	" 21,753	33,042	36,618	17,411	108,824	131,231	240,055
Mail .....	" 39,664	146,019	73,972	90,277	349,932	1,009,449	1,339,381
Totals .....	" 437,133	1,037,292	405,623	421,037	2,301,085	3,780,808	6,081,893
Available ton-miles on scheduled service .....	" 6,816,640	14,925,144	7,789,800	4,354,310	33,885,894	42,597,578	76,483,472
Weight load factor on scheduled services(1)							
Bulk:							
Departures .....	No. 96	463	-	-	52.2	56.6	54.6
Hours flown .....	" 164	1,577	-	-	559	***	***
Miles flown .....	" 32,443	56,235	-	-	1,741	***	***
Passengers carried .....	" 744	14,984	-	-	597,678	***	***
Goods carried .....	" 800	148,669	-	-	15,728	***	***
Passenger-miles(2) .....	" ..	..	..	..	149,469	***	***
Goods ton-miles(2) .....	" ..	74,246	-	-	50,345,347	***	***
Total:							
Departures .....	" 2,084	866	408	92	3,450	***	***
Hours flown .....	" 2,896	3,226	1,186	567	7,875	***	***
Miles flown .....	" 666,791	1,360,516	485,823	263,858	2,776,988	***	***
Passengers carried .....	" ..	..	..	..	159,097	***	***
Goods carried .....	" ..	..	..	..	3,412,273	***	***
Passenger-miles(2) .....	" 437,133	1,111,538	405,623	421,037	204,121,944	***	***
Goods ton-miles(2) .....	" ..	-	-	-	2,375,331	***	***

(1) Standard passenger weight used: 200 pounds.

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

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

June 1964

	United States			Europe		
	To	From	Total	To	From	Total
<b>Passengers carried:</b>						
Unit toll .....	No.	85,277	87,010	172,287	24,605	27,057
Bulk .....	"	525	644	1,169	8,310	8,202
Totals .....	"	85,802	87,654	173,456	32,915	35,259
<b>Freight, express and excess baggage carried:</b>						
Unit toll .....	lb.	504,274	2,350,741	2,855,015	599,828	1,196,410
Bulk .....	"	-	-	-	-	34,630
Totals .....	"	504,274	2,350,741	2,855,015	599,828	1,231,040
Mail carried (unit toll) .....	"	130,290	235,448	365,738	117,511	152,474
All other areas				Totals		
	To	From	Total	To	From	Total
<b>Passengers carried:</b>						
Unit toll .....	No.	3,878	4,493	8,371	113,760	118,560
Bulk .....	"	890	791	1,681	9,725	9,637
Totals .....	"	4,768	5,284	10,052	123,485	128,197
<b>Freight, express and excess baggage carried:</b>						
Unit toll .....	lb.	126,771	118,198	244,969	1,230,873	3,665,349
Bulk .....	"	-	-	-	-	34,630
Totals .....	"	126,771	118,198	244,969	1,230,873	3,699,979
Mail carried (unit toll) .....	"	17,830	19,528	37,358	265,631	407,450
Total by Canadian carriers				Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
<b>Passengers carried:</b>						
Unit toll .....	No.	68,244	71,443	139,687	45,516	47,117
Bulk .....	"	7,009	6,515	13,524	2,716	3,122
Totals .....	"	75,253	77,958	153,211	48,232	50,239
<b>Freight, express and excess baggage carried:</b>						
Unit toll .....	lb.	666,296	2,026,780	2,693,076	564,577	1,638,569
Bulk .....	"	-	34,630	34,630	-	-
Totals .....	"	666,296	2,061,410	2,727,706	564,577	1,638,569
Mail carried (unit toll) .....	"	169,203	191,391	360,594	96,428	216,059

(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

June 1964

	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 .....	-	-	2	170	-	-	124	12,147
Aerial fish cultivation .....	-	-	-	-	-	-	-	-
Aerial patrol and inspection .....	1,864	156,185	5,024	549,218	567	51,719	2,140	228,676
Aerial pest control .....	2,880	271,449	3,294	299,862	-	-	-	-
Aerial photography and survey .....	395	43,398	1,668	173,297	120	12,180	206	14,375
Aerial photography (excl. survey) .....	246	92,617	531	113,586	27	2,230	85	7,310
Aircraft rental .....	68	1,166	446	15,445	-	-	3	250
Flying training .....	3,286	56,184	15,647	269,477	-	-	209	15,750
Geophysical survey .....	837	70,610	3,995	415,096	426	84,336	493	93,583
Non-transportation charter .....	81	9,823	591	31,846	-	-	2	509
Philanthropic .....	-	-	-	-	-	-	-	-
Recreational flying .....	1,280	33,613	5,574	122,084	13	823	47	5,360
Specialty flying - Other .....	-	-	83	10,602	1	255	17	3,026
Totals .....	10,937	735,045	36,855	2,000,683	1,154	151,543	3,326	380,986

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

June 1964

	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.	15	...	7	...	22
Helicopters - Owned .....	"	126	115	11	11	137
Leased .....	"	15	9	-	2	15
Totals .....	"	141	124	11	13	152
Revenue hours flown - Unit toll .....	"	-	24	-	-	24
Bulk .....	"	6,788	15,594	337	1,286	7,125
Specialty .....	"	901	2,605	280	746	1,181
Totals .....	"	7,689	18,223	617	2,032	8,306
Non-revenue hours flown .....	"	264	1,151	23	133	287
Fuel and oil consumed:						
Gasoline .....	gal.	134,288	329,303	13,337	43,340	147,625
Cost .....	\$	62,112	147,018	6,020	19,412	68,132
Oil .....	gal.	2,040	6,786	291	951	2,331
Cost .....	\$	3,069	12,169	419	1,268	3,488
Average number of employees:						
Pilots .....	No.	139	110	7	12	146
Administrative .....	"	48	46	-	1	48
Maintenance labour .....	"	129	111	6	8	135
Other personnel .....	"	7	8	-	-	7
Totals .....	"	323	275	13	21	336
Salaries and wages:						
Pilots .....	\$	118,138	453,978	4,324	47,421	122,462
Administrative .....	\$	27,512	164,846	-	5,670	27,512
Maintenance labour .....	\$	65,505	324,519	3,531	25,298	69,036
Other personnel .....	\$	1,762	14,481	-	-	1,762
Totals .....	\$	212,917	957,824	7,855	78,389	220,772
						1,036,213

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

June 1964

	Current month	Year to date
dollars		
<b>Operating revenues:</b>		
Unit toll transportation:		
Passengers .....	-	102
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	102
Bulk transportation .....	738,300	1,899,506
Total transportation .....	738,300	1,899,608
Other flying services .....	150,003	301,809
Total flying services .....	888,303	2,201,417
Non-flying services .....	68,709	84,871
Total operating revenues .....	957,012	2,286,288
<b>Operating expenses:</b>		
Flying operations .....	493,214	1,193,701
Maintenance .....	151,610	614,510
General service and administration .....	78,581	391,455
Depreciation and amortization .....	53,874	255,251
Total operating expenses .....	777,279	2,454,917
Operating income (deficit) .....	179,733	Dr. 168,629
<b>Non-operating income:</b>		
Capital gains and losses .....	2,518	12,562
Interest and discounts .....	2,851	7,337
Miscellaneous non-operating income .....	Dr. 38,038	1,415
Income before interest expense .....	147,064	Dr. 147,315
Interest expense .....	8,411	65,148
Income before income taxes .....	138,653	Dr. 212,463
Provision for income taxes .....	355	355
Net income after income taxes .....	138,298	Dr. 212,818

TABLE 11. Operating Statistics, Canadian Group V Carriers

June 1964

	Quarter	Year to date
...		
<b>Reporting carriers .....</b> No.	277	...
Transportation:		
Hours flown ....."	25,631	40,207
Passengers carried ....."	57,829	83,297
Goods carried ....." lb.	4,374,743	6,245,964
Specialty flying services:		
Aerial advertising ....." hr.	-	-
Aerial fish cultivation ....."	-	-
Aerial patrol and inspection ....."	2,382	3,378
Aerial pest control ....."	3,691	3,697
Aerial photography and survey ....."	207	330
Aerial photography (excl. survey) ....."	62	116
Aircraft rental ....."	4,700	7,307
Flying training ....."	22,772	39,182
Geophysical survey ....."	101	106
Non-transportation charter ....."	41	45
Philanthropic ....."	-	-
Recreational flying ....."	5,399	7,391
Specialty flying - Other ....."	536	683
Totals ....."	39,891	62,235
Total - All services:		
Revenue hours flown ....." No.	65,522	102,442
Non-revenue hours flown ....." "	3,880	6,212

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. (Trans-Canada Air Lines 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.

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

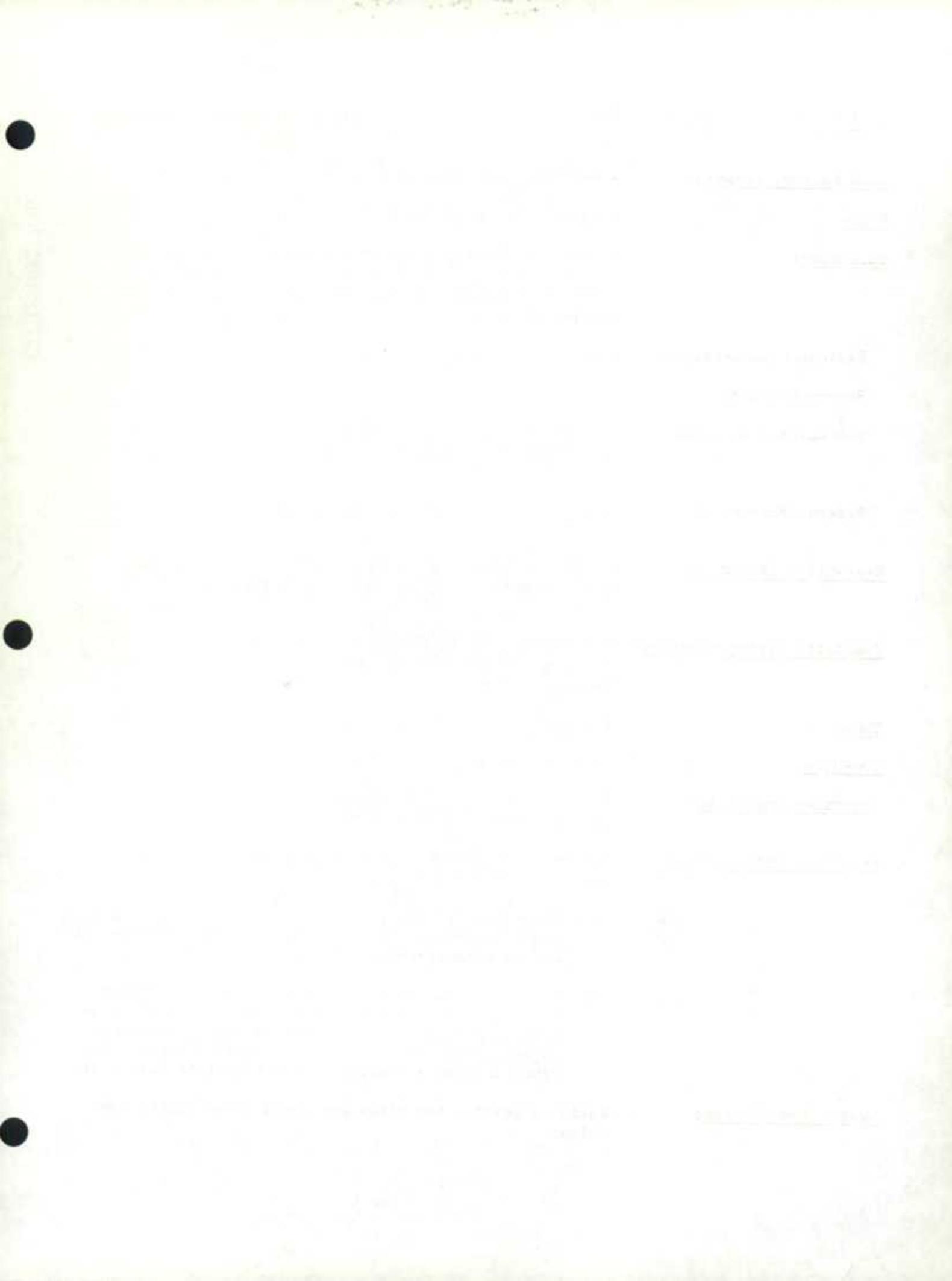
Interline Traffic:

- 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



1010528339

CIVIL AVIATION - JUNE 1964