

1964

CATALOGUE No.

51-202

ANNUAL

C.3



CIVIL AVIATION

1964

Published by Authority of
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Public Finance and Transportation Division
Transportation Section

May 1966
8504-521

Price: 50 cents



LIBRARY

THE ROYAL BANK OF CANADA
MONTREAL - CANADA

Reports Published by the
Public Finance and Transportation Division
dealing with
CIVIL AVIATION

Catalogue number	Title	Price
	Annual	
51 - 201	Civil Aviation — Preliminary .....	.50
51 - 202	Civil Aviation .....	.50
	Monthly	
51 - 001	Civil Aviation	\$3.00 per year

*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	
A. Revenue Miles Flown by Canadian Carriers	4
B. Revenue Passengers Carried by Canadian Carriers	4
C. Operating Revenues of Canadian Carriers	7
D. Revenue Cargo and Mail Carried by Canadian Carriers	7
 Table	
1. Statistical Summary of Canadian Civil Aviation, 1959-64	8
2. Operating Statistics, Canadian and Foreign Carriers - All Services, 1964	9
3. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company, 1964	10
4. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company, 1964	12
5. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service, 1964	12
6. Transportation Statistics, Foreign Carriers, by Area of Service, 1964	13
7. Statistical Summary of Group V Carriers, 1964	13
8. Balance Sheet, Canadian Carriers, by Revenue Group, Year Ended December 31, 1964	14
9. Balance Sheet, Canadian Scheduled Carriers, by Company, Year Ended December 31, 1964	15
10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group, Year Ended December 31, 1964	16
11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company, Year Ended December 31, 1964	18
12. Statement of Income, Canadian Carriers - All Services, by Revenue Group, Year Ended December 31, 1964	24
13. Statement of Income, Canadian Scheduled Carriers - All Services, by Company, Year Ended December 31, 1964	24
14. Operating Expense Analysis, Canadian Group III Carriers, Year Ended December 31, 1964	25
15. Operating Expense Analysis, Canadian Group IV Carriers, Year Ended December 31, 1964	25
16. Operating Expense Analysis, Canadian Scheduled Carriers - All Services, Year Ended December 31, 1964	26
17. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service, 1964	28
18. Statistical Summary of Canadian Carriers Operating Helicopters, Groups I to IV, 1964	28
19. Aircraft Owned and Leased, Canadian Carriers, by Category of Aircraft and Weight Group	29
20. Accidents to Aircraft of Canadian Registry, Apparent Cause by Type of Operation, 1964	29
21. Accidents to Aircraft of Canadian Registry, Casualties by General Type of Operation, 1963-64	30
22. Personnel and Aircraft Licenses Issued and Aircraft Registered as of December 31, 1964	30
Civil Aviation Definitions	31

CHART-A

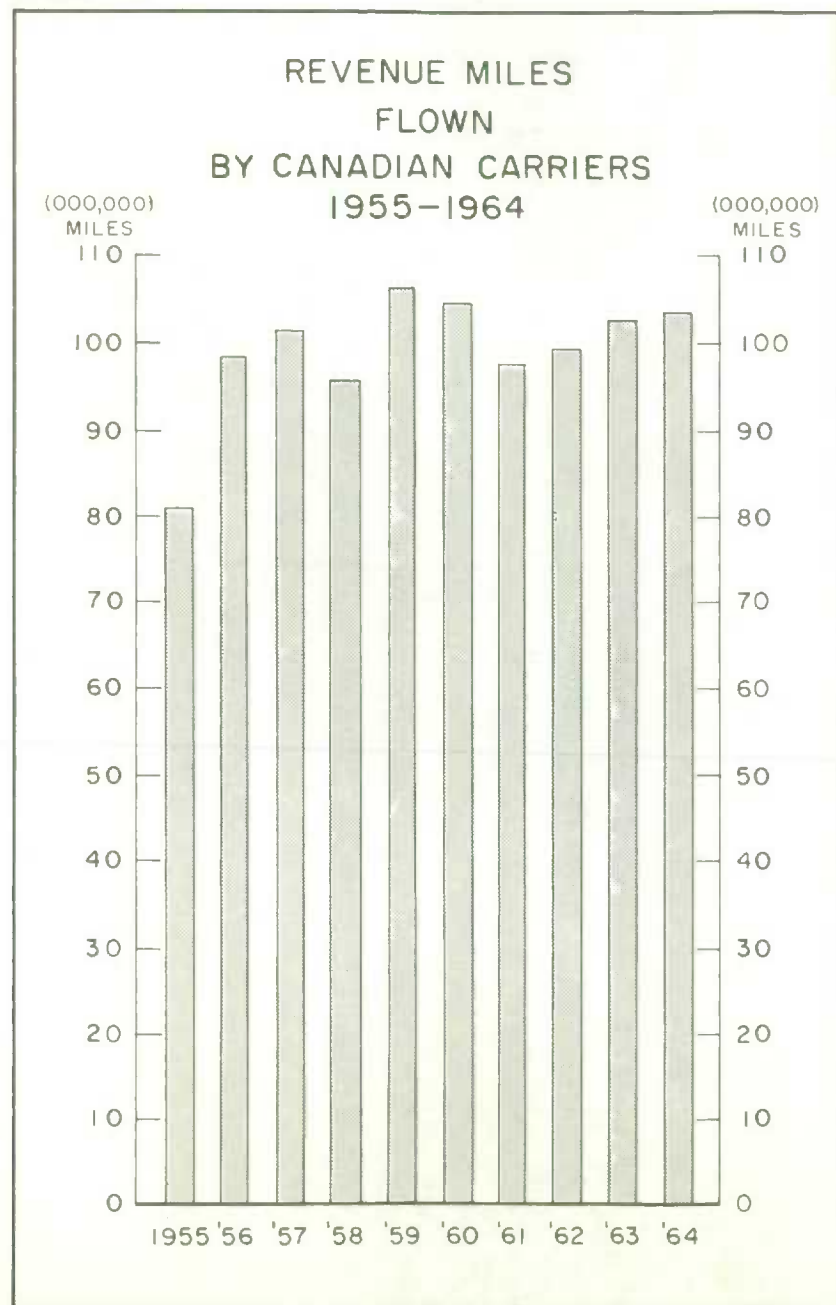
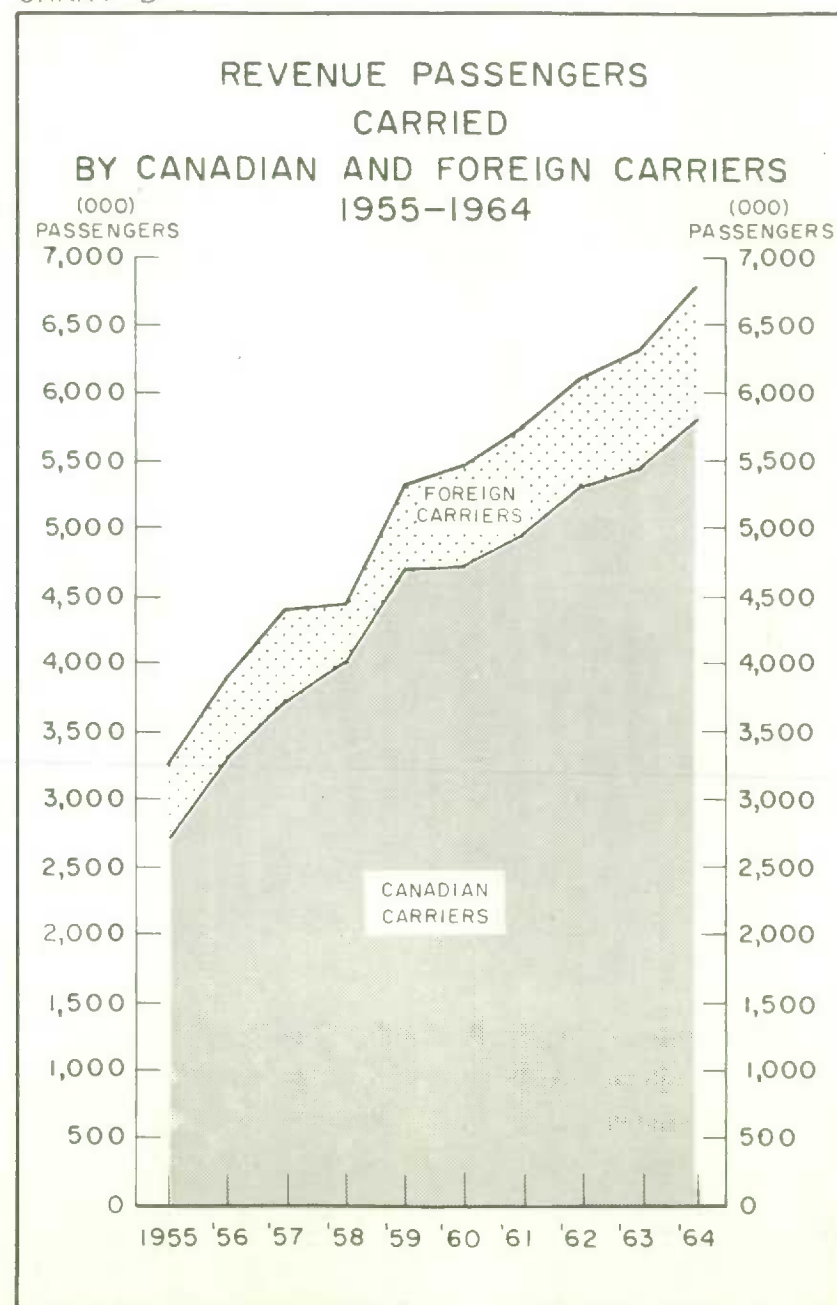


CHART-B



CIVIL AVIATION

1964

INTRODUCTION

The figures presented in this publication cover the operating and financial data submitted by Canadian and foreign air carriers doing business within Canada or between Canada and other countries. Statistics of Canadian airlines include both their domestic and international flights while figures for foreign companies cover their hours and miles flown over Canadian territory only. Passengers and goods in transit through Canada are not included. Because the coverage given to Canadian airlines differs from that given to foreign airlines the statistics shown under similar headings are not directly comparable.

The five groups of Canadian air carriers used in this report are based on gross annual flying revenues and the type of service (scheduled or non-scheduled) performed. Definitions of these groups and of other terms used are given on the last page of the publication. The number of Canadian carriers which submitted annual reports for 1964 in each group is as follows:

Group I	2
Group II	4
Group III	16
Group IV	52
Group V	285
Total	359

The total number of air carriers varies from year to year (in 1963 reports were submitted by 390 companies). Reasons for this fluctuation are entries, withdrawals and amalgamations of small air lines. Changes in the number of small firms are of little significance in the total figures for all categories but there can be significant changes within groups and from one group to another depending upon the activities of individual companies. These changes tend to produce distortions in comparisons of specific groups over a period of years.

Although groups are defined according to revenue and whether services are scheduled or non-scheduled there are exceptions to the definitions. For instance, Nordair Ltd. is included with Group III for statistical purposes because it did not operate scheduled routes during 1964 even though its revenue was sufficient to qualify the company as a Group II carrier.

Since Group V carriers file reports on a quarterly basis only, data on their operations are not available for monthly publication but are shown in a special table in the monthly report for March, June, September and December. This Group V information is not included however, in totals for all carriers shown in other tables throughout the report. To be consistent with the monthly publications this practice has been continued in the annual report. Although they are by far the largest Group in terms of

numbers, the Group V carriers are not significant in terms of revenue; their reported operating revenues usually amount to less than 4 per cent of the total operating revenues of all Canadian carriers.

Domestic operations are not shown separately from international operations of Canadian carriers except in Table 5. In this table statistics are categorized according to areas of service.

Wherever it is practical to do so, figures for services sold on a unit toll basis are subdivided into scheduled operations and non-scheduled operations. However, a complete breakdown is not possible because some air carriers offer both types of service on different routes. In such cases the route is designated scheduled or non-scheduled according to the class of service which predominates.

Bulk flying operations include additional detail in this issue. For the first time bulk passenger-miles and bulk goods ton-miles have been listed separately.

Financial statistics of Canadian carriers which are shown in Tables 8 to 16 are collected and compiled according to definitions and procedures outlined in a manual entitled "Uniform System of Accounts and Reports for Commercial Air Carriers".

For the first time Table 17 "Specialty Flying Services - Groups I to IV" indicates whether these services were performed by fixed-wing aircraft or by helicopters.

Table 18 "Statistical Summary of Canadian Carriers Operating Helicopters, Groups I to IV" has been altered to include the operating statistics and balance sheet items of the helicopter operations of carriers operating both helicopters and fixed-wing aircraft. The statement of income for helicopter-only carriers normally found in this table has not been published because of a lack of space but it is available on request.

Name change

Although Trans-Canada Air Lines announced in 1964 that it was going to change its official name to Air Canada, the switch did not become officially effective until January 1, 1965. For this reason, the old name of Trans-Canada Air Lines has been used in the tables.

Review of 1964 Operations

The number of revenue passengers transported by Canadian air carriers during 1964 (the year under review) increased 6.5 per cent to 5,782,088 from 1963. The volume of revenue goods carried rose to 135,213 tons, an increase of 7.7 per cent. Revenue hours flown showed an increase to 661,508 from 630,573 and revenue miles were up 0.9 per cent to 103,451,614. Unit toll operations showed an in-

crease in hours flown of 0.7 per cent. Freight carried on unit toll services rose 18.6 per cent to 58,749 tons while bulk freight decreased 3.6 per cent to 53,062 tons.

Revenue passengers carried on unit toll services rose to 5,197,579 an increase of 6.8 per cent; and passengers carried on bulk trips rose to 584,509 an increase of 3.9 per cent.

Revenue miles flown on unit toll services increased 0.9 per cent to 76,404,782 while revenue passenger-miles increased 8.7 per cent to 3,939,075,129 and goods ton-miles increased 26.2 per cent to 89,805,590.

The six scheduled carriers transported 7.0 per cent more revenue passengers and 12.2 per cent more revenue goods in 1964 than in the previous year (Table 2). Passengers carried totalled 5,248,038 and the weight of goods aggregated 87,207 tons compared with 4,906,134 passengers and 77,743 tons of goods in the previous year.

Foreign airlines licensed to operate in Canada carried into and out of this country during 1964 a total of 992,564 revenue passengers (up 16.6 per cent) and 15,534 tons of revenue goods up 25.1 per cent from 1963 (Table 2).

Operating revenues and expenses of Canadian carriers reached an all time high in 1964 (Table 1). Revenues increased 8.4 per cent to \$334,930,874 while expenses rose 7.3 per cent to \$315,569,629.

As a result an all time high operating income of \$19,361,245 was reported. After deductions for income taxes and other charges, there was a net income of \$8,393,110 compared with an income of \$1,390,060 for 1963.

Total assets of Canadian carriers (Table 8) as at December 31st 1964 were valued at \$371,064,840 which represents an increase from 1963 of \$7,333,455.

Helicopters

Beginning in 1964 statistics for Specialty Flying services (Table 17) have been broken down into specialty flying by fixed wing aircraft and helicopters.

Companies operating helicopters only and helicopters in conjunction with fixed wing (Table 18) have been included in Table 18 for the first time, a statement of income for these carriers may be obtained on request. The helicopter-only companies had total assets of \$10,143,995 at the end of 1964 compared to \$6,937,629 the previous year.

Accidents

Commercial aircraft were involved in 105 accidents of all types in 1964 as against 104 in 1963. Over 50 per cent of these were attributed to errors of pilots or crew members. Although the number of accidents remained almost the same the number of fatal accidents decreased in 1964 from 211 to 78. Accidents occurring to all aircraft registered in Canada (including aircraft engaged in non-commercial operations) totalled 268 in 1964 compared with 259 a year earlier.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- Ⓟ preliminary figures.
- † revised figures.

CHART - C

OPERATING REVENUES AND EXPENSES OF CANADIAN CARRIERS

1955 - 1964

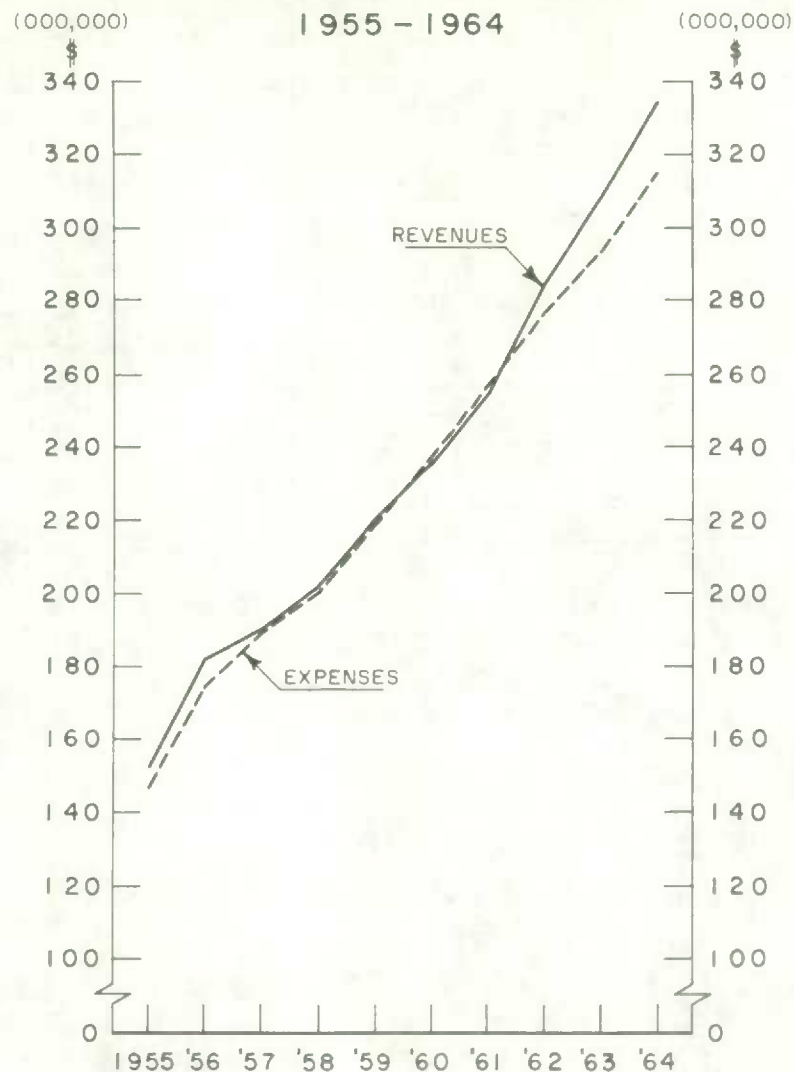
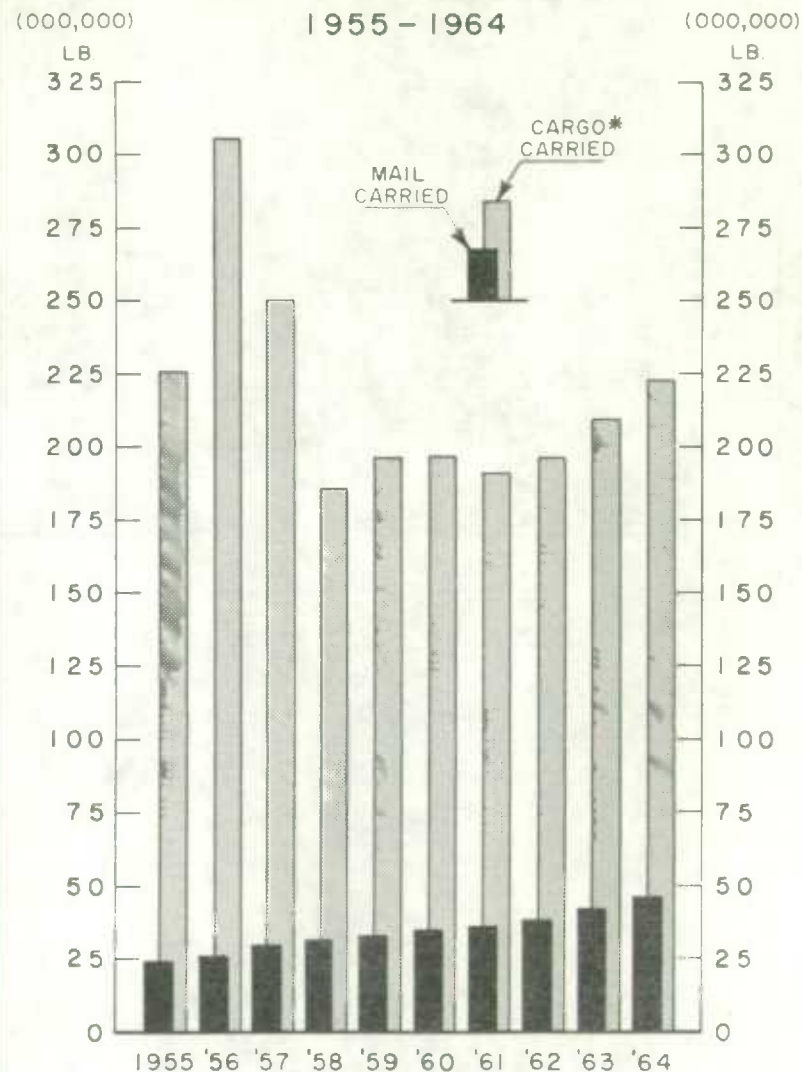


CHART - D

REVENUE CARGO AND MAIL CARRIED BY CANADIAN CARRIERS

1955 - 1964



*Includes excess baggage prior to 1956.

TABLE 1. Statistical Summary of Canadian Civil Aviation, 1959-64

	1964	1963	1962	1961	1960	1959
Canadian carriers						
Operating statistics:						
Unit toll transportation:						
Revenue:						
Hours flown	No. 300,798	298,655	312,395	327,555	383,181	350,019
Miles flown	76,404,782	75,746,629	76,040,318	76,008,312	80,246,283	77,405,581
Passengers carried	" 5,197,579	4,864,855	4,792,409	4,543,009	4,218,431	4,176,501
Cargo and excess baggage carried	lb. 117,497,668	99,063,385	93,064,818	80,823,898	80,152,652	76,464,625
Mail carried	46,804,224	41,892,927	38,430,775	35,749,456	34,633,139	32,894,779
Passenger-miles	No. 3,939,075,129	3,623,020,400	3,463,727,291	3,157,518,367	2,671,926,081	2,357,386,420
Cargo and excess baggage ton-miles	" 69,038,182	53,618,163	45,427,320	38,504,034	35,316,334	29,505,264
Mail ton-miles	" 18,952,877	17,530,240	15,289,672	14,094,209	13,706,091	13,115,587
Bulk transportation:						
Revenue:						
Hours flown	" 263,541	250,988	230,525	228,049	230,670	259,188
Miles flown	" 27,046,832	26,818,278	23,277,049	21,569,202	23,938,740	28,701,522
Passengers carried	" 584,509	562,489	476,390	407,888	508,984	504,763
Freight carried	lb. 106,124,248	110,102,115	105,082,430	111,504,022	123,200,348	126,523,737
Passenger-miles	No. 469,807,322	"	"	"	"	"
Goods ton-miles	" 17,839,881	"	"	"	"	"
Other flying services:						
Revenue hours flown	" 97,169	80,930	83,382	75,808	81,059	155,022
Total—All services:						
Traffic, hours and miles:¹						
Revenue:						
Hours flown	" 661,508	630,573	626,302	631,412	694,910	764,229
Miles flown	" 103,451,614	102,564,907	99,317,367	97,577,514	104,185,023	106,107,104
Passengers carried	" 5,782,088	5,427,344	5,268,799	4,950,897	4,727,415	4,681,204
Cargo and excess baggage carried	lb. 223,621,916	209,165,500	196,776,738	192,327,920	203,353,000	202,988,363
Goods carried ²	" 270,426,140	251,058,427	236,578,023	228,077,376	237,986,139	235,883,141
Passenger-miles	No. 4,408,882,451	"	"	"	"	"
Goods ton-miles	" 105,830,940	"	"	"	"	"
Non-revenue:						
Hours flown	" 21,363	21,738	25,882	28,863	24,251	31,624
Passengers carried	" 36,026	"	"	"	"	21,238
Goods carried ²	lb. 3,196,432	"	"	"	"	8,463,610
Passenger-miles	No. 207,986,297	203,399,987	176,277,219	148,517,121	127,072,658	100,192,596
Goods ton-miles	" 65,888,655	6,601,370	6,449,798	5,965,235	5,244,953	4,287,822
Fuel and oil consumed:						
Fuel	gal. 218,042,305	207,490,519	191,343,196	175,201,010	139,425,893	122,055,240
Cost	\$ 36,169,043	34,939,058	31,993,476	31,029,209	29,910,391	28,968,279
Oil	gal. 343,128	405,999	310,015	475,994	812,232	889,423
Cost	\$ 822,091	793,547	765,871	776,583	907,179	1,088,653
Average number of employees	No. 17,795	17,577	17,810	17,700	17,106	16,565
Salaries and wages paid	\$ 116,465,350	108,538,372	105,636,970	102,200,745	95,650,809	86,148,440
Revenues and expenses:						
Operating revenues	\$ 334,930,874	308,835,913	284,618,321	254,873,901	235,973,562	220,423,558
Operating expenses	\$ 315,569,629	294,142,170	277,333,944	257,445,532	237,714,284	219,487,993
Operating income (loss)	\$ 19,361,245	14,693,743	7,284,377	Dr. 2,571,631	Dr. 1,740,722	935,565
Net income or deficit after income taxes	\$ 8,393,110	1,390,060	Dr. 4,597,327	Dr. 13,146,423	Dr. 6,450,886	Dr. 2,484,178
Canadian and foreign carriers³						
Operating statistics:						
Revenue:						
Hours flown (all services)	No. 679,784	646,956	642,284	649,107	712,371	798,527
Miles flown (transportation services)	" 110,138,322	108,282,021	104,851,093	103,335,386	109,699,725	110,889,252
Passengers carried (transportation services)	" 6,774,652	6,278,298	6,064,074	5,740,577	5,451,716	5,316,001
Cargo and excess baggage carried (transportation services)	lb. 250,789,269	229,636,108	218,487,619	211,044,506	217,220,865	214,391,889
Mail carried (transportation services)	" 50,705,488	45,210,723	41,596,384	39,024,564	37,472,154	35,558,226
Passenger-miles (unit toll transportation)	No. 4,200,293,067	3,832,248,493	3,666,655,321	3,352,704,994	2,847,022,735	2,495,682,456
Cargo and excess baggage (unit toll transportation) ton-miles	" 93,748,160	58,747,717	50,045,948	42,476,457	39,044,787	31,296,501
Mail ton-miles (unit toll transportation)	" 19,897,070	18,302,847	15,995,107	14,856,343	14,321,366	13,702,688

¹ Except for hours flown, data relate to transportation services only.² Cargo, excess baggage and mail.³ See Introduction, page 5.

TABLE 2. Operating Statistics, Canadian and Foreign Carriers - All Services, 1964

	Canadian carriers					Foreign carriers ¹			Grand total all carriers
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other foreign carriers ²		
		Groups I and II ³	Group III ⁴	Group IV				Total	
Number of carriers reporting	6	16	52	68	74	10	9	93	
Transportation services:									
Unit toll:									
Revenue departures	No. 210,951	27,283	7,360	34,643	245,594				
Revenue hours flown	267,642	28,851	4,305	33,156	300,798	4,025	13,095	317,918	
Revenue miles scheduled	67,807,358	...	...	...	67,807,358	991,490	5,088,041	73,886,889
Revenue miles flown:									
Scheduled services	69,147,014 ⁵	...	...	...	69,147,014 ⁵	979,151	5,298,605	75,424,770 ⁶
Non-scheduled services	3,172,029 ⁶	3,569,613	516,126	4,085,739	7,257,768 ⁶	—	—	7,257,768 ⁶	
Totals	72,319,043	3,569,613	516,126	4,085,739	76,404,782	979,151	5,298,605	82,682,538	
Revenue passengers carried	5,056,250	110,385	30,944	141,329	5,197,579	670,766	285,518	6,153,863	
Revenue goods carried:									
Cargo	106,694,068	6,677,797	2,487,983	9,165,780	115,859,848	9,268,134	17,703,667	144,469,469	
Excess baggage	1,477,546	63,446	96,828	160,274	1,637,820	—	—	1,637,820	
Mail	45,171,611	1,393,291	239,322	1,632,613	46,804,224	1,742,114	2,159,150	50,705,488	
Totals	153,343,225	8,134,534	2,824,133	10,958,667	164,301,892	11,010,248	19,862,817	195,174,957	
Revenue passenger-miles	No. 3,916,578,216	20,867,861	1,629,052	22,496,913	3,939,075,129	28,640,311	232,577,627	4,200,293,067	
Revenue goods ton-miles:									
Cargo	62,029,668	1,870,549	2,123,143	3,993,692	66,023,360	215,524	6,654,573	75,908,279	
Excess baggage	2,979,842	31,554	3,426	34,980	3,014,822	—	—	3,014,822	
Mail	18,584,431	354,808	13,638	368,446	18,952,877	37,864	906,329	19,897,070	
Totals	83,593,941	2,256,911	2,140,207	4,397,118	87,991,059	253,388	7,560,902	95,805,349	
Bulk:									
Revenue:									
Departures	35,426	73,387	144,021	217,408	252,834	..	..	..
Hours flown	46,630	101,761	115,150	216,911	263,541	32	1,124	264,697	
Miles flown	8,729,393	8,070,375	10,247,064	18,317,439	27,046,832	7,472	401,480	27,455,784	
Passengers carried	191,788	166,741	225,980	392,721	584,509	4,873	31,407	620,789	
Freight carried	lb. 21,071,770	53,261,801	31,750,677	85,052,478	106,124,248	—	195,552	106,319,800	
Passenger-miles	No. 406,442,682	61,165,236	2,199,404	63,364,640	469,807,322	..	..	469,807,322
Goods ton-miles	5,593,680	9,729,645	2,516,556	12,246,201	17,839,881	..	..	17,839,881
Non-transportation services:									
Specialty flying:									
Revenue hours flown	2,229	15,838	79,102	94,940	97,169	—	—	97,169	
Total—All services:									
Traffic, hours and miles: ⁷									
Revenue:									
Departures	246,377	100,670	151,381	252,051	498,428	..	..	..
Hours flown	316,501	146,450	198,557	345,007	661,508	4,057	14,219	679,784	
Miles flown	81,048,436	11,639,988	10,763,190	22,403,178	103,451,614	986,623	5,700,085	110,138,322	
Passengers carried	5,248,038	277,126	256,924	534,050	5,782,088	675,639	316,925	6,774,652	
Cargo carried	lb. 127,765,838	59,939,598	34,278,660	94,218,258	223,621,916 ⁸	9,268,134 ⁸	17,899,219 ⁸	250,789,269 ⁸	
Goods carried	174,414,995	61,396,335	34,614,810	96,011,145	270,426,140	11,010,248	20,058,369	301,494,757	
Passenger-miles	No. 4,323,020,898	82,033,097	3,828,456	85,861,553	4,408,882,451	..	..	..
Good ton-miles	89,187,621	11,986,556	4,656,763	16,643,319	105,830,940	..	..	..
Non-revenue:									
Hours flown	8,544	6,518	6,301	12,819	21,363	17	36	21,416	
Passengers carried	34,303	1,433	290	1,723	36,026	11,724	5,764	53,514	
Goods carried	2,587,989	594,973	13,470	608,443	3,196,432	154,652	793,450	4,144,534	
Passenger-miles	No. 206,504,697	1,473,328	8,272	1,481,600	207,986,297	522,921	3,909,045	212,418,263	
Good ton-miles	7,227,320	482,448	—	482,448	7,709,768	4,127	235,039	7,948,934	
Fuel consumed:									
Turbo fuel:									
Quantity	gal. 195,127,404	—	156,855	156,855	195,284,259	1,468,251	31,489,263	228,261,773	
Cost	\$ 27,636,993	—	44,884	44,884	27,681,877	235,324	5,159,702	33,076,903	
Gasoline:									
Quantity	gal. 12,674,306	6,613,776	3,469,964	10,083,740	22,758,046	413,598	1,193,486	24,365,130	
Cost	\$ 4,280,433	2,678,817	1,527,916	4,206,733	8,487,166	106,856	291,399	8,885,421	
Oil consumed:									
Turbo aircraft:									
Quantity	gal. 49,675	—	26	26	49,701	347	1,051	51,099	
Cost	\$ 447,473	—	391	391	447,864	1,866	9,406	459,136	
Other aircraft:									
Quantity	gal. 147,430	90,146	55,851	145,997	293,427	2,844	2,943	299,214	
Cost	\$ 163,477	134,096	76,654	210,750	374,227	2,416	2,517	379,160	
Average number of employees:									
Pilots and co-pilots	No. 1,022	298	302	600	1,622	..	..	..
Other flight personnel	1,070	28	19	47	1,117	..	..	..
General management	324	92	99	191	515	..	..	..
Maintenance labour	3,644	345	276	621	4,265	..	..	..
Aircraft and traffic servicing	5,094	107	60	167	5,261	..	..	..
Other personnel	4,579	200	236	436	5,015	..	..	..
Totals	15,733	1,070	992	2,062	17,795	239	733	18,767	
Salaries and wages paid:									
Pilots and co-pilots	\$ 14,798,947	2,802,649	2,235,316	5,037,965	19,836,912	..	..	..
Other flight personnel	5,998,349	202,132	77,852	279,984	6,278,333	..	..	..
General management	3,382,108	789,139	736,753	1,525,892	4,908,000	..	..	..
Maintenance labour	22,538,935	1,863,741	1,364,589	3,228,330	25,767,265	..	..	..
Aircraft and traffic servicing	29,545,080	500,009	218,705	718,714	30,263,794	..	..	..
Other personnel	27,412,871	878,201	1,119,974	1,998,175	29,411,046	..	..	..
Totals	\$ 103,676,290	7,035,871	5,753,189	12,789,060	116,465,350	1,552,743	4,234,449	122,252,542	

¹ See Introduction, page 5.² Nordair Ltd. included with Group III carriers for purposes of this report.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 Except for hours flown these data relate to transportation services only.⁶ Includes excess baggage.⁷ Excludes T.C.A.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers—All Services, by Company, 1964

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963) ¹	Pacific Western Airlines ¹	Quebecair Inc. ¹	Transair Ltd. ¹	Total ¹	
Transportation services:									
Unit toll:									
Revenue departures	No. 21,594	133,767	155,361	13,132	17,017	12,964	12,477	55,590	210,951
Revenue hours flown	" 39,669	174,475	214,144	11,867	17,696	10,476	13,459	53,498	267,842
Revenue miles scheduled	" 13,440,574	48,680,631	62,121,205	990,666	2,319,268	1,235,501	1,140,718	5,686,153	67,807,358
Revenue miles flown:									
Scheduled services:									
Regular	" 13,261,806	47,739,033	61,000,839	802,089	2,220,317	1,140,502	1,116,660	5,279,568	66,280,407
Extra sections	" 242,132	2,307,725	2,549,857	89,892	103,541	23,023	100,294	316,750	2,866,607
Non-scheduled services	" 528,027	—	528,027	968,159	363,524	637,719	674,600	2,644,002	3,172,029
Totals	" 14,031,965	50,046,758	64,078,723	1,860,140	2,687,382	1,801,244	1,891,534	8,240,320	72,319,043
Ratio of regular miles flown to miles scheduled	98.7	98.1	...	81.0	95.7	92.3	97.9	...	...
Revenue passengers carried (Scheduled and non-scheduled) ²	No. 510,623	4,093,754	4,604,377	103,774	179,965	106,267	61,867	451,873	5,056,250
Revenue goods carried (Scheduled and non-scheduled): ²									
Express	lb. 908,759	11,598,173	12,506,932	166,452	423,582	—	137,734	727,768	13,234,700
Freight	" 8,583,964	67,043,480	75,627,444	7,267,797	6,794,926	2,090,592	1,678,609	17,831,924	93,459,368
Excess baggage	" 574,615	—	574,615	185,807	267,868	359,797	89,459	902,931	1,477,546
Mail	" 2,731,273	36,761,886	39,493,159	2,129,845	1,972,106	420,182	1,156,319	5,678,452	45,171,611
Totals	" 12,798,611	115,403,539	128,202,150	9,749,901	9,458,482	2,870,571	3,062,121	25,141,075	153,343,225
Revenue passenger-miles:									
Scheduled services	No. 854,411,164	2,923,841,614	3,778,252,778	10,314,327	43,347,230	20,388,634	17,868,261	91,918,452	3,870,171,230
Non-scheduled services	" 14,482,392	—	14,482,392	15,329,045	1,273,714	13,158,932	2,162,903	31,924,594	46,406,986
Totals	" 868,893,556	2,923,841,614	3,792,735,170	25,643,372	44,620,944	33,547,566	20,031,164	123,843,046	3,916,578,216
Available seat-miles on scheduled services	" 1,636,511,998	4,642,431,285	6,278,943,283	23,394,339	104,560,199	39,331,700	42,513,520	209,799,758	6,488,743,041
Passenger load factor on scheduled services	52.2	63.0	...	44.1	41.5	51.8	42.0	...	...
Revenue goods ton-miles:									
Express:									
Scheduled services	No. 236,252	4,392,862	4,629,114	21,342	101,995	—	30,935	154,272	4,783,386
Non-scheduled services	" 9,453	—	9,453	17,534	—	—	1,566	19,100	28,553
Totals	" 245,705	4,392,862	4,638,567	38,876	101,995	—	32,501	173,372	4,811,939
Freight:									
Scheduled services	" 11,869,093	41,199,089	53,068,182	1,471,841	1,788,008	236,682	175,971	3,672,502	56,740,684
Non-scheduled services	" 30,395	—	30,395	154,948	33,712	141,543	116,447	446,650	477,045
Totals	" 11,899,488	41,199,089	53,098,577	1,626,789	1,821,720	378,225	292,418	4,119,152	57,217,729
Excess baggage:									
Scheduled services	" 673,072	2,134,908	2,807,980	10,625	42,862	33,401	15,566	102,654	2,910,634
Non-scheduled services	" 1,694	—	1,694	29,211	1,027	35,459	1,817	67,514	69,208
Totals	" 674,766	2,134,908	2,809,674	40,036	43,889	68,860	17,383	170,168	2,979,842
Mail:									
Scheduled services	" 2,490,033	15,016,205	17,506,238	140,362	526,010	35,988	64,566	766,926	18,273,164
Non-scheduled services	" 47,242	—	47,242	149,542	4,705	23,005	86,773	264,025	311,267
Totals	" 2,537,275	15,016,205	17,553,480	289,904	530,715	58,993	151,339	1,030,951	18,584,431
Total:									
Scheduled services	" 15,268,450	62,743,064	78,011,514	1,644,370	2,458,875	306,071	287,038	4,696,354	82,707,868
Non-scheduled services	" 88,784	—	88,784	351,235	39,444	200,007	206,603	797,289	886,073
Totals	" 15,357,234	62,743,064	78,100,298	1,995,605	2,498,319	506,078	493,641	5,493,643	83,593,941
Available ton-miles on scheduled services	" 212,696,422	669,842,377	882,538,799	5,480,354	13,465,448	3,678,781	5,040,830	27,665,413	210,204,212
Weight load factor on scheduled services ³	47.3	53.0	...	48.8	50.5	63.7	41.1	...	...

See footnotes at end of table.

TABLE 3. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company, 1964 - Concluded

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963) ¹	Pacific Western Airlines ¹	Quebecair Inc. ¹	Transair Ltd. ¹	Total ¹	
Transportation services—Concluded:									
Bulk:									
Revenue:									
Departures	No. 538	1,601	2,139	9,608	19,167	144	4,368	33,287	35,426
Hours flown	" 2,788	5,678	8,466	11,746	17,634	171	8,613	38,164	46,630
Miles flown	" 1,262,108	2,557,565	3,819,673	1,121,055	2,313,289	22,105	1,453,271	4,909,720	8,729,393
Passengers carried	" 30,391	72,699	103,090	29,915	44,141	608	14,034	88,698	191,788
Freight carried	lb. 104,967	—	104,967	2,793,485	9,366,096	18,838	8,788,384	20,966,803	21,071,770
Passenger-miles	No. 115,619,810	226,626,956	342,246,766	4,602,628	45,072,121	311,281	14,209,886	64,195,916	406,442,682
Goods ton-miles	" 135,118	—	135,118	217,393	773,572	7,670	4,459,927	5,458,562	5,593,680
Non-transportation services:									
Specialty flying:									
Revenue hours flown	" —	275	275	1,942	—	—	12	1,954	2,229
Total—All services:									
Traffic hours and miles: ⁴									
Revenue:									
Departures	" 22,132	135,368	157,500	22,740	36,184	13,108	16,845	88,877	246,377
Hours flown	" 42,457	180,428	222,885	25,555	35,330	10,647	22,084	93,616	316,501
Miles flown	" 15,294,073	52,604,323	67,898,396	2,981,195	5,000,671	1,823,349	3,344,825	13,150,040	81,048,436
Passengers carried	" 541,014	4,166,453	4,707,467	133,689	224,106	106,875	75,901	540,571	5,248,038
Cargo carried	lb. 9,597,690	78,641,653	88,239,343	10,227,734	16,584,604	2,109,430	10,604,727	39,526,495	127,765,838
Goods carried	" 12,903,578	115,403,539	128,307,117	12,543,386	18,824,578	2,889,409	11,850,505	46,107,878	174,414,995
Passenger-miles	No. 984,513,366	3,150,468,570	4,134,981,936	30,246,000	89,693,065	33,858,847	34,241,050	188,038,962	4,323,020,898
Goods ton-miles	" 15,492,352	62,743,064	78,235,416	2,212,998	3,271,891	513,748	4,953,568	10,952,205	89,187,621
Non-revenue:									
Hours flown	" 1,066	3,243	4,309	1,119	2,134	332	650	4,235	8,544
Passengers carried	" 22,843	—	22,843	3,970	4,223	1,702	1,565	11,460	34,303
Goods carried	lb. 1,727,005	—	1,727,005	197,234	459,843	—	203,907	860,984	2,587,989
Passenger-miles	No. 46,473,640	156,385,133	202,858,773	1,328,833	1,051,444	435,615	830,032	3,645,924	206,504,697
Goods ton-miles	" 2,430,834	4,564,177	6,995,011	36,937	136,367	—	59,005	232,309	7,227,320
Fuel consumed:									
Turbo fuel:									
Quantity	gal. 43,469,122	148,074,467	191,543,589	1,346,166	—	1,599,022	638,627	3,583,815	195,127,404
Cost	\$ 7,186,594	19,657,046	26,845,640	307,535	—	335,607	148,211	791,353	27,636,993
Gasoline:									
Quantity	gal. 4,917,609	—	4,917,809	1,361,311	4,011,779	276,894	2,106,513	7,756,497	12,674,306
Cost	\$ 1,368,682	—	1,368,682	487,308	1,509,866	92,250	822,327	2,911,751	4,280,433
Oil consumed:									
Turbo aircraft:									
Quantity	gal. 4,515	40,428	44,943	674	—	4,008	50	4,732	49,675
Cost	\$ 39,621	384,422	424,043	9,999	—	12,930	501	23,430	447,473
Other aircraft:									
Quantity	gal. 47,051	—	47,051	21,447	47,089	6,302	25,541	100,379	147,430
Cost	\$ 46,218	—	46,218	26,986	58,047	5,426	26,800	117,259	163,477
Average number of employees:									
Pilots and co-pilots	No. 201	605	806	59	80	28	49	216	1,022
Other flight	" 252	732	984	8	42	13	23	86	1,070
General management	" 119	65	184	22	50	49	19	140	324
Maintenance labour	" 539	2,559	3,098	180	185	68	113	546	3,644
Aircraft and traffic servicing	" 846	3,874	4,720	99	100	115	60	374	5,094
Other personnel	" 677	3,799	4,476	29	18	6	48	103	4,579
Totals	" 2,634	11,634	14,268	397	475	281	312	1,465	15,733
Salaries and wages paid:									
Pilots and co-pilots	\$ 3,156,767	9,519,093	12,675,880	533,255	827,153	273,472	469,187	2,123,067	14,798,947
Other flight	\$ 1,556,477	4,065,709	5,622,186	35,108	207,833	43,884	89,338	376,163	5,998,349
General management	\$ 1,215,168	1,321,448	2,536,636	163,260	274,685	250,370	157,157	845,472	3,382,108
Maintenance labour	\$ 3,128,808	16,418,865	19,547,673	994,560	1,060,225	405,949	510,528	2,991,262	22,538,935
Aircraft and traffic servicing	\$ 4,402,418	23,213,997	27,616,415	417,690	730,252	493,638	287,085	1,928,665	29,545,080
Other personnel	\$ 3,208,660	23,657,990	27,066,650	108,174	55,286	51,533	131,228	346,221	27,412,871
Totals	\$ 16,668,338	78,397,102	95,065,440	2,252,047	3,175,434	1,518,846	1,664,523	8,610,850	103,678,290

¹ Routes included in scheduled or non-scheduled services according to predominant class of service.² Breakdown not available.³ Standard passenger weight used: 200 pounds.⁴ Except for hours flown, these data relate to transportation services only.

TABLE 4. Interline Traffic,¹ Canadian Scheduled Carriers — All Services, by Company, 1964

		Canadian Pacific Air lines	Eastern Provincial Air ways (1963)	Pacific Western Air lines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air lines	Total
Revenue passengers carried:								
Originated	No.	427,343	76,268	166,811	106,267	53,851	3,394,088	4,224,628
Domestic interline	"	35,234	23,086	—	—	—	699,666	803,272
Foreign interline	"	45,286	—	—	—	—	—	—
Totals ²	"	507,863	99,354	166,811	106,267	53,851	4,093,754	5,027,900
Revenue express carried:								
Originated	lb.	908,759	166,452	423,582	—	137,734	11,598,173	13,234,700
Domestic interline	"	—	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—	—
Totals ²	lb.	908,759	166,452	423,582	—	137,734	11,598,173	13,234,700
Revenue freight carried:								
Originated	"	7,184,916	7,267,797	6,277,773	2,090,592	711,302	67,043,480	90,575,860
Domestic interline	"	195,954	—	—	—	—	—	195,954
Foreign interline	"	435,423	—	—	—	—	—	435,423
Totals ²	"	7,816,293	7,267,797	6,277,773	2,090,592	711,302	67,043,480	91,207,237
Revenue excess baggage carried:								
Originated	"	574,615	185,807	250,749	359,797	73,429	..	1,444,397 ³
Domestic interline	"	—	—	—	—	—	..	—
Foreign interline	"	—	—	—	—	—	..	—
Totals ²	lb.	574,615	185,807	250,749	359,797	73,429	..	1,444,397 ³
Revenue mail carried:								
Originated	"	2,731,273	1,638,352	1,888,092	420,182	310,255	36,761,886	43,750,040
Domestic interline	"	—	—	—	—	—	—	—
Foreign interline	"	—	—	—	—	—	—	—
Totals ²	lb.	2,731,273	1,638,352	1,888,092	420,182	310,255	36,761,886	43,750,040

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

TABLE 5. Operating Statistics, Canadian International Carriers — All Revenue Services, by Area of Service, 1964

		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.	21,543	4,689	5,050	1,292	32,574	122,788	155,362
Hours flown	"	30,013	18,098	14,425	8,154	70,690	143,454	214,144
Miles scheduled	"	6,872,400	8,330,601	5,780,751	3,616,684	24,600,436	37,520,769	62,121,205
Miles flown:								
Scheduled — Regular	"	6,617,345	8,237,610	5,744,471	3,576,205	24,175,631	36,825,208	61,000,839
Extra sections	"	391,986	325,805	299,949	100,280	1,118,020	1,431,837	2,549,857
Non-scheduled	"	—	—	—	—	—	528,027	528,027
Totals	"	7,009,331	8,563,415	6,044,420	3,676,485	25,293,651	38,785,072	64,078,723
Ratio of regular miles flown to miles scheduled		96.3	98.9	99.4	98.6	98.3	98.1	98.2
Passengers carried	No.	..	..	..	..	1,603,527	3,000,850	4,604,377
Cargo carried	lb.	..	..	..	..	36,504,342	51,630,034	88,134,376
Mail carried	"	..	..	..	..	4,950,679	34,542,480	39,493,159
Passenger-miles	No.	397,952,012	686,016,395	392,576,758	228,933,805	1,705,478,970	2,087,256,200	3,792,735,170
Available seat-miles on scheduled services	"	601,041,631	1,119,580,700	771,819,383	467,142,679	2,959,584,393	3,319,358,890	6,278,943,283
Passenger load factor on scheduled services		66.2	61.3	50.9	49.0	57.6	62.4	60.2
Goods ton-miles:								
Express	No.	736,216	—	—	—	736,216	3,902,351	4,638,567
Freight	"	3,541,061	12,243,703	4,276,435	4,788,708	24,849,907	28,248,670	53,098,577
Excess baggage	"	249,941	419,545	447,814	215,687	1,332,987	1,476,687	2,809,674
Mail	"	499,077	2,191,378	753,642	1,240,654	4,684,751	12,868,729	17,553,480
Totals	"	5,026,295	14,854,626	5,477,891	6,245,049	31,603,861	46,496,437	78,100,298
Available ton-miles on scheduled service	"	76,740,834	163,374,421	102,064,303	60,860,988	403,040,546	479,498,253	882,538,799
Weight load factor on scheduled services ¹		58.4	51.1	43.8	47.9	50.2	52.9	52.8
Bulk:								
Departures	No.	..	..	..	..	5,199	..	..
Hours flown	"	2,692	13,712	576	122	17,102	..	..
Miles flown	"	621,358	4,719,525	164,393	40,040	5,545,316	..	..
Passengers carried	"	..	..	..	..	135,753	..	..
Goods carried	lb.	3,627,197	911,631	64,723	—	4,603,551	..	..
Passenger-miles ²	No.	..	..	..	..	425,897,459	..	..
Goods ton-miles ²	"	..	..	..	..	203,846	..	..
Total:								
Departures	"	..	..	..	..	37,773	..	..
Hours flown	"	32,705	31,810	15,001	8,276	87,792	..	..
Miles flown	"	7,630,689	13,282,940	6,208,813	3,716,525	30,838,967	..	..
Passengers carried	lb.	..	..	..	..	1,739,280	..	..
Goods carried	lb.	..	..	..	..	46,058,572	..	..
Passenger-miles ²	No.	..	..	..	..	2,131,376,429	..	..
Goods ton-miles ²	"	..	..	..	..	31,807,707	..	..

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 6. Operating Statistics, Foreign Carriers, by Area of Service, 1964

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	955,910	956,974	1,912,884	195,383	240,434	435,817
Bulk transportation "	6,123	5,303	11,426	57,666	59,699	117,365
Totals "	962,033	962,277	1,924,310	253,049	300,133	553,182
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	6,375,075	27,530,180	33,905,255	7,001,687	17,225,205	24,226,892
Bulk transportation "	—	—	—	159,206	70,976	230,182
Totals "	6,375,075	27,530,180	33,905,255	7,160,893	17,296,181	24,457,074
Mail carried (unit toll transportation) "	1,635,468	2,969,474	4,604,942	1,558,446	1,842,121	3,400,567
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	80,650	85,085	165,735	1,231,943	1,282,493	2,514,436
Bulk transportation "	1,887	1,924	3,811	65,676	66,926	132,602
Totals "	82,537	87,009	169,546	1,297,619	1,349,419	2,647,038
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	2,084,398	1,442,898	3,527,296	15,461,160	46,198,283	61,659,443
Bulk transportation "	64,723	—	64,723	223,929	70,976	294,905
Totals "	2,149,121	1,442,898	3,592,019	15,685,089	46,269,259	61,954,348
Mail carried (unit toll transportation) "	258,077	285,520	543,597	3,451,991	5,097,115	8,549,106

TABLE 7. Statistical Summary of Group V Carriers, 1964

Operating statistics	1964	Statement of income	1964
Number of reporting carriers ¹	325	Number of reporting carriers No.	284
Unit toll and bulk transportation:		Operating revenues:	dollars
Revenue hours flown No.	113,705	Unit toll and bulk transportation	6,000,782
Revenue passengers carried "	213,231	Specialty flying services	3,689,385
Revenue goods carried lb.	16,540,599	Total flying services	9,690,167
Specialty flying services:		Non-flying services	2,505,698
Revenue hours flown:		Total operating revenues	12,195,865
Flying training No.	82,693	Operating expenses:	
Recreational flying "	19,316	Flying operations.....	6,002,146
Aerial photography and survey "	728	Maintenance	1,933,334
Aerial photography (excl. survey) "	670	General services and administration	2,994,974
Aerial pest control "	6,721	Depreciation	1,664,830
Aerial advertising "	1	Total operating expenses	12,595,284
Aerial patrol and inspection..... "	7,788	Operating income (loss)	Dr. 399,419
Aircraft rental "	16,985	Non-operating income—Net	488,648
Aerial fish cultivation "	124	Income before income taxes.....	89,229
Geophysical survey "	850	Provision for income taxes	110,692
Non-transportation charter "	261	Net income after income taxes	Dr. 21,463
Other specialty flying "	1,212		
Total specialty flying services	137,349		
Total—All services:			
Revenue hours flown "	251,054		
Non-revenue hours flown "	13,890		

¹ Note that the number of carriers reporting operating data differs from the number reporting a statement of income.

TABLE 8. Balance Sheet, Canadian Carriers, by Revenue Group, Year Ended December 31, 1964

	Scheduled carriers			Non-scheduled carriers			Grand total
	Group I	Group II	Total	Group III	Group IV	Total	
	dollars						
Assets:							
Current assets:							
Cash and special deposits	21,837,339	453,006	22,290,345	888,641	476,624	1,365,265	23,655,610
Notes and accounts receivable	34,814,201	4,618,427	39,432,628	3,963,949	3,485,041	7,448,990	46,881,618
Less: reserve for uncollectible accounts.....	759,524	70,572	830,096	229,423	143,319	372,742	1,202,838
Materials and supplies	19,907,125	1,404,637	21,311,762	1,895,812	2,034,207	3,930,019	25,241,781
Short term prepayments	1,441,451	219,433	1,660,884	385,022	330,089	715,111	2,375,995
Other current assets	1,989	2,765,199	2,767,188	200,547	1,043,818	1,244,365	4,011,553
Total current assets	77,242,581	9,390,130	86,632,711	7,104,548	7,226,460	14,331,008	100,963,719
Investments and special funds	4,259,479	3,839,685	8,099,164	2,651,259	1,906,630	4,557,889	12,657,053
Property and equipment:							
Operating	339,402,046	20,609,693	360,011,739	24,014,660	19,445,265	43,459,925	403,471,664
Less: accumulated depreciation	117,946,197	7,849,839	125,796,036	12,963,176	10,600,878	23,564,054	149,560,090
Non-operating	149,888	—	149,888	552,248	200,573	752,821	902,709
Less: accumulated depreciation	149,888	—	149,888	247,943	95,050	342,993	492,881
Total property and equipment	221,455,849	12,759,854	234,215,703	11,355,789	8,749,910	20,105,899	254,321,402
Deferred charges:							
Long term prepayments	33,476	4,628	38,104	13,533	225,554	239,087	277,191
Other deferred charges	657,778	1,491,676	2,149,454	406,330	289,691	696,021	2,845,475
Total deferred charges	691,254	1,496,304	2,187,558	419,863	515,245	935,108	3,122,666
Total assets	303,649,163	27,485,973	331,135,136	21,531,459	18,398,245	39,929,704	371,064,840
Liabilities:							
Current liabilities:							
Notes and accounts payable	24,925,289	3,938,859	28,864,148	3,843,863	4,987,983	8,831,846	37,695,994
Current portion of long term debt	—	599,812	599,812	857,369	1,034,852	1,892,221	2,492,033
Accrued taxes	94,256	56,083	150,339	215,659	132,312	347,971	498,310
Other current and accrued liabilities	16,800,441	617,486	17,417,927	654,043	871,366	1,525,409	18,943,336
Total current liabilities	41,819,986	5,212,240	47,032,226	5,570,934	7,028,513	12,597,447	59,629,673
Non-current liabilities:							
Long term debt	—	9,599,167	9,599,167	3,267,160	3,533,946	6,801,106	16,400,273
Other non-current liabilities	242,141,734	309,883	242,451,617	3,381,451	287,379	3,668,830	246,120,447
Total non-current liabilities	242,141,734	9,909,050	252,050,784	6,648,611	3,821,325	10,469,936	262,520,720
Deferred credits	114,212	—	114,212	5,875	294,365	300,240	414,452
Reserves	3,218,354	1,688,521	4,906,875	850,533	81,510	932,043	5,838,918
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	4,669,975	14,419,975	1,334,632	927,895	2,262,527	16,682,502
Common	18,000,000	1,258,813	19,258,813	1,679,953	4,015,569	5,695,522	24,954,335
Other paid-in capital	—	900,255	900,255	669,290	248,949	918,239	1,818,494
Unappropriated surplus	Dr. 11,395,123	3,847,119	Dr. 7,548,004	4,771,631	1,982,119	6,753,750	Dr. 794,254
Total capital stock and surplus	16,354,877	10,676,162	27,031,039	8,455,506	7,174,532	15,630,038	42,661,077
Total liabilities	303,649,163	27,485,973	331,135,136	21,531,459	18,398,245	39,929,704	371,064,840

TABLE 9. Balance Sheet, Canadian Scheduled Carriers, by Company, Year Ended December 31, 1964

	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
	dollars						
Assets:							
Current assets:							
Cash	6,817,892	64,056	7,090	23,176	347,307	14,946,418	22,205,939
Special deposits	—	1,042	2,485	7,850	—	73,029	84,406
Notes and accounts receivable:							
Governments	—	560,553	380,192	188,746	477,780	3,656,316	5,265,587
General traffic	5,669,692	981,183	769,785	200,727	—	13,828,887	21,450,274
Associated companies	248,006	749,747	—	—	1,566	553,684	1,553,003
Company personnel	21,885	13,216	44,513	—	12,316	984,352	1,076,282
Other	1,376,388	45,400	12,717	8,483	171,503	8,472,991	10,087,482
Total notes and accounts receivable	7,315,971	2,350,099	1,207,207	397,956	663,165	27,498,230	39,432,628
Less: reserve for uncollectible accounts	499,524	31,368	20,713	—	18,491	260,000	830,096
Materials and supplies	2,250,938	606,063	491,367	42,314	264,893	17,656,187	21,311,762
Short term prepayments	584,589	13,860	88,465	75,412	41,696	856,862	1,660,884
Other current assets	—	—	395,454	2,369,745	—	1,989	2,767,188
Total current assets	16,469,666	3,003,752	2,171,355	2,916,453	1,298,570	60,772,715	86,632,711
Investments and special funds:							
Investments in associated companies	—	3,708,500	—	49,000	82,185	5,572	3,845,257
Other investments	982,922	—	—	—	—	—	982,922
Special funds	52,631	—	—	—	—	3,218,354	3,270,985
Total investments and special funds	1,035,553	3,708,500	—	49,000	82,185	3,223,926	8,099,164
Property and equipment:							
Operating	22,853,508	6,724,184	5,825,084	3,395,866	4,664,559	316,548,538	360,011,739
Less: accumulated depreciation	12,728,380	798,717	3,194,996	1,687,199	2,168,927	105,217,817	125,796,036
Non-operating	—	—	—	—	—	149,888	149,888
Less: accumulated depreciation	—	—	—	—	—	149,888	149,888
Total property and equipment	10,125,128	5,925,467	2,630,088	1,708,667	2,495,632	211,330,721	234,215,703
Deferred charges:							
Long term prepayments	—	—	4,628	—	—	33,476	38,104
Developmental and pre-operating costs	651,220	94,903	—	—	—	—	746,123
Unamortized discount and expense on debt	—	—	14,034	11,292	—	—	25,326
Property acquisition adjustment	—	—	—	—	—	—	—
Other intangibles	—	—	1,274,593	—	—	—	1,274,593
Other deferred charges	6,558	—	—	96,854	—	—	103,412
Total deferred charges	657,778	94,903	1,293,255	108,146	—	33,476	2,187,558
Total assets	28,288,325	12,732,622	6,094,698	4,782,266	3,876,387	275,360,838	331,135,136
Liabilities:							
Current liabilities:							
Notes and accounts payable:							
Current notes payable	—	692,247	522,138	92,976	—	—	1,307,361
Accounts payable—General	1,588,899	646,678	1,089,138	315,081	546,289	9,106,082	13,292,167
Collections as agents—Traffic	2,813,896	—	14,898	—	16,923	8,055,053	10,900,770
Other	390,176	—	—	—	—	502,097	892,273
Associated companies	—	2,491	—	—	—	2,469,086	2,471,577
Current portion of long term debt	—	—	344,312	—	255,500	—	599,812
Total notes and accounts payable	4,792,971	1,341,416	1,970,486	408,057	818,712	20,132,318	29,463,960
Accrued salaries and wages	845,180	—	145,252	75,469	82,459	1,638,523	2,786,883
Accrued taxes	18,307	—	7,615	—	48,468	75,949	150,339
Dividends payable	—	—	—	—	—	150,000	150,000
Air travel plan liability	—	—	—	—	—	1,815,385	1,815,385
Unearned transportation revenue	3,473,467	92,955	86,551	—	20,802	5,727,359	9,401,134
Other current liabilities	3,150,527	—	62,302	—	51,696	—	3,264,525
Total current liabilities	12,280,452	1,434,371	2,272,206	483,526	1,022,137	29,539,534	47,032,226
Non-current liabilities:							
Long term debt	—	5,500,000	1,214,762	2,178,422	705,983	—	9,599,167
Advances from associated companies	6,322,234	26,213	—	200,000	83,670	235,819,500	242,451,617
Pension liability	—	—	—	—	—	—	—
Other non-current liabilities	—	—	—	—	—	—	—
Total non-current liabilities	6,322,234	5,526,213	1,214,762	2,378,422	789,653	235,819,500	252,050,784
Deferred credits:							
Unamortized premium on debt	—	—	—	—	—	—	—
Other deferred credits	114,212	—	—	—	—	—	114,212
Total deferred credits	114,212	—	—	—	—	—	114,212
Reserves:							
Reserve for major overhauls	—	378,128	280,315	—	1,028,058	—	1,686,501
Reserve for self-insurance	—	—	2,020	—	—	3,218,354	3,220,374
Other reserves	—	—	—	—	—	—	—
Total reserves	—	378,128	282,335	—	1,028,058	3,218,354	4,906,875
Capital stock and surplus:							
Capital stock issued and outstanding:							
Preferred	9,750,000	3,283,800	1,158,950	47,225	200,000	—	14,419,975
Common	13,000,000	998	356,493	500,000	401,322	5,000,000	19,258,613
Capital stock subscribed and unissued	—	—	—	Dr. 99,745	—	—	Dr. 99,745
Other paid in capital	—	—	—	1,000,000	—	—	1,000,000
Unappropriated surplus	Dr.13,178,573	2,129,112	609,952	472,838	435,217	1,783,450	Dr. 7,548,004
Total capital stock and surplus	9,571,427	5,393,910	2,325,395	1,920,318	1,036,539	6,783,450	27,031,039
Total liabilities	28,288,325	12,732,622	6,094,698	4,782,266	3,876,387	275,360,838	331,135,136

**TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1964**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Group I and II carriers		
	Operating property and equipment:			
1	Flight equipment	257,119,388	21,929,630	5,966,106
2	Ground equipment	33,921,176	2,950,697	900,765
3	Buildings and other improvements	45,647,599	1,419,557	1,952,125
4	Total flight and ground property and equipment	336,688,163	26,299,884	8,818,996
5	Land	54,699	200	29,350
6	Construction work in progress	7,252,508	Dr. 1,361,087	997
7	Total operating property and equipment	343,995,370	24,938,997	8,849,343
8	Non-operating property and equipment	5,850,800	—	5,700,912
9	Total property and equipment	349,846,170	24,938,997	14,550,255
		Group III carriers		
	Operating property and equipment:			
10	Flight equipment	17,225,550	4,618,750	1,061,043
11	Ground equipment	1,526,551	131,814	111,321
12	Buildings and other improvements	2,816,715	125,474	34,080
13	Total flight and ground property and equipment	21,568,816	4,876,044	1,996,443
14	Land	190,138	2,765	43,514
15	Construction work in progress	—	12,443	—
16	Total operating property and equipment	21,758,954	4,891,252	2,039,957
17	Non-operating property and equipment	553,115	4,287	348,919
18	Total property and equipment	22,312,069	4,895,539	2,388,876
		Group IV carriers		
	Operating property and equipment:			
19	Flight equipment	12,965,473	3,448,991	1,280,227
20	Ground equipment	1,769,818	221,437	135,765
21	Building and other improvements	2,340,933	77,655	27,929
22	Total flight and ground property and equipment	17,076,224	3,748,083	1,443,921
23	Land	72,884	3,017	—
24	Construction work in progress	—	—	—
25	Total operating property and equipment	17,149,108	3,751,100	1,443,921
26	Non-operating property and equipment	189,442	60,718	30,633
27	Total property and equipment	17,338,550	3,811,818	1,474,554

**TABLE 10. Property and Equipment and Accumulated Depreciation, Canadian Carriers, by Revenue Group,
Year Ended December 31, 1964**

Cost		Accumulated depreciation						No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year	End of year	
Debit	Credit			Debit	Credit			
dollars								
Group I and II carriers								
57,559	389,131	272,751,340	79,216,352	4,063,601	1,543	22,248,138	97,402,432	
3,798,237	3,832,080	35,937,265	15,087,365	702,294	16,678	3,259,019	17,660,768	2
35,931	2,088	45,148,874	9,277,318	510,076	1,185	1,825,449	10,593,876	3
3,891,727	4,223,299	353,837,479	103,581,035	5,275,971	19,406	27,332,606	125,657,076	4
—	—	25,549	—	—	—	—	—	5
700	—	5,891,124	—	—	—	—	—	6
3,892,427	4,223,299	359,754,152	103,581,035	5,275,971	19,406	27,332,606	125,657,076	7
257,567	—	407,475	4,996,222	4,937,899	138,959	91,565	288,847	8
4,150,014	4,223,299	360,161,627	108,577,257	10,213,870	158,365	27,424,171	125,943,923	9
Group III carriers								
5,743	269,173	19,729,834	9,966,028	1,237,564	385,922	1,628,230	10,742,616	10
—	1,885	1,545,159	875,264	62,982	Dr. 846	118,192	929,628	11
5,991	31,114	2,882,986	1,264,040	72,852	9,469	197,276	1,397,933	12
11,734	302,172	24,157,979	12,105,332	1,373,398	394,545	1,943,698	13,070,177	13
—	2,000	147,389	—	—	—	—	—	14
—	—	12,443	—	—	—	734	734	15
11,734	304,172	24,317,811	12,105,332	1,373,398	394,545	1,944,432	13,070,911	16
—	—	208,483	161,851	100,492	—	25,130	86,489	17
11,734	304,172	24,526,294	12,267,183	1,473,890	394,545	1,969,562	13,137,400	18
Group IV carriers								
69,060	93,972	15,109,325	8,009,807	742,478	25,025	1,400,954	8,693,308	19
904	20,530	1,835,864	1,115,998	88,585	1,012	150,235	1,178,660	20
23,580	932	2,413,307	723,339	14,922	3,969	107,569	819,955	21
93,544	115,434	19,358,496	9,849,144	845,985	30,006	1,658,758	10,691,923	22
1,193	—	77,094	—	—	—	—	—	23
—	—	—	—	—	—	—	—	24
24,737	115,434	19,435,590	9,849,144	845,985	30,006	1,658,758	10,691,923	25
1,045	10,244	210,262	132,660	13,478	73,535	11,210	203,927	26
95,782	125,678	19,645,852	9,981,804	859,463	103,541	1,669,968	10,895,850	27

TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1964

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Trans-Canada Air Lines		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	160,135,443	16,768,467	985,038
2	Aircraft engines	40,378,514	2,571,311	140,264
3	Aircraft propellers	3,250,034	115,368	17,800
4	Aircraft communications and navigational equipment	3,687,815	590,122	364,172
5	Miscellaneous flight equipment	75,178	—	—
6	Flight equipment, spare parts and assemblies	15,843,001	826,836	959,022
7	Total flight equipment, spare parts and assemblies	223,369,985	20,872,104	2,466,296
	Ground property and equipment:			
8	Ramp equipment	6,812,561	529,897	29,059
9	Communications and meteorological equipment	4,297,917	21,884	157,589
10	Maintenance and engineering equipment	8,887,660	213,302	124,639
11	Surface transport vehicles and equipment	352,060	60,332	46,433
12	Furniture, fixtures and office equipment	2,744,312	175,118	94,620
13	Miscellaneous ground equipment	3,924,739	1,590,239	55,796
14	Buildings and other improvements	39,705,794	492,693	360,576
15	Total operating ground property and equipment	66,725,043	3,083,465	868,712
16	Land	—	—	—
17	Construction work in progress	7,251,511	Dr. 1,418,562	—
18	Total operating property and equipment	297,346,539	22,537,007	3,335,008
19	Non-operating property and equipment	5,850,800	—	5,700,912
20	Total property and equipment	303,197,339	22,537,007	9,035,920
		Canadian Pacific Air Lines		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	8,389,492	38,183	1,492,670
22	Aircraft engines	2,018,672	30,776	323,984
23	Aircraft propellers	390,903	10,944	66,384
24	Aircraft communications and navigational equipment	347,203	—	52,522
25	Miscellaneous flight equipment	406,761	3,938	1,860
26	Flight equipment spare parts and assemblies	5,034,285	150,057	337,722
27	Total flight equipment	16,587,316	233,898	2,275,142
	Ground property and equipment:			
28	Ramp equipment	1,144,265	110,366	202
29	Communications and meteorological equipment	49,110	—	150
30	Maintenance and engineering equipment	1,809,593	33,685	—
31	Surface transport vehicles and equipment	158,643	6,133	5,321
32	Furniture, fixtures and office equipment	541,604	65,538	2,962
33	Miscellaneous ground equipment	1,185,923	20,799	13,614
34	Buildings and other improvements	3,148,258	58,259	4,497
35	Total operating ground property and equipment	8,037,396	294,780	26,746
36	Land	2,106	—	100
37	Construction work in progress	—	—	—
38	Total operating property and equipment	24,626,818	528,678	2,301,988
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	24,626,818	528,678	2,301,988

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1964**

Cost			Accumulated depreciation						No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Trans-Canada Air Lines									
-	-	175,918,872	45,200,980	678,028	-	..	14,763,264	59,286,216	1
-	-	42,809,561	12,111,701	105,449	-	..	2,847,696	14,853,948	2
-	-	3,347,602	1,090,785	13,595	-	..	300,928	1,378,118	3
-	-	3,913,765	1,420,759	227,124	-	..	484,126	1,677,761	4
-	-	75,178	19,586	-	-	..	2,785	22,371	5
-	-	15,710,815	4,897,178	725,225	-	..	1,398,702	5,570,655	6
-	-	241,775,793	64,740,989	1,749,421	-	...	19,797,501	82,789,069	7
-	-	7,313,399	2,763,151	27,976	-	..	772,753	3,507,928	8
-	3,762,776	399,436	1,025,584	150,651	Dr. 656,760	..	30,496	248,669	9
-	-	8,976,323	4,851,852	119,805	-	..	798,374	5,530,421	10
-	-	365,959	250,429	37,989	-	..	1,844	214,284	11
-	-	2,824,810	1,120,077	83,056	-	..	244,689	1,281,710	12
3,762,776	-	9,221,958	1,296,586	54,641	656,760	..	856,186	2,754,891	13
-	-	39,837,911	7,584,115	296,201	-	..	1,602,931	8,690,845	14
3,762,776	3,762,776	68,939,796	18,891,794	770,319	-	...	4,307,273	22,428,748	15
-	-	-	-	-	-	-	-	-	16
-	-	5,832,949	-	-	-	-	-	-	17
-	-	316,548,538	83,632,783	2,519,740	-	...	24,104,774	105,217,817	18
-	-	149,888	4,996,222	4,937,899	-	-	91,565	149,888	19
3,762,776	3,762,776	316,698,426	88,629,005	7,457,639	-	...	24,196,339	105,367,705	20
Canadian Pacific Air Lines									
-	-	6,935,005	4,925,611	1,268,770	-	8.5	618,937	4,275,778	21
-	-	1,725,464	1,404,573	239,726	-	8.5	74,941	1,239,788	22
-	-	335,463	226,321	54,539	-	8.5	26,796	198,578	23
-	-	294,681	222,363	44,644	-	8.5	20,220	197,939	24
-	-	408,839	184,456	1,581	-	8.5	23,644	216,519	25
-	-	4,846,620	2,132,470	144,464	-	10.0	495,111	2,483,117	26
-	-	14,546,072	9,095,794	1,753,724	-	...	1,269,649	8,611,719	27
7,628	23,378	1,238,879	413,770	8,810	7,828	10.0	110,444	523,232	28
-	-	48,960	49,110	150	-	-	-	48,960	29
24,698	-	1,867,976	1,060,094	-	8,815	10.0	105,101	1,174,010	30
2,088	14,399	147,144	69,227	12,049	-	25.0	29,642	86,820	31
606	29,147	575,639	349,233	3,096	-	10.0	32,675	378,812	32
-	1,320	1,191,788	697,599	12,911	-	10.0	108,760	793,448	33
35,112	2,088	3,235,044	1,003,576	4,497	711	...	111,589	1,111,379	34
70,332	70,332	6,305,430	3,642,609	41,513	17,354	...	498,211	4,116,661	35
-	-	2,006	-	-	-	-	-	-	36
-	-	-	-	-	-	-	-	-	37
70,332	70,332	22,853,508	12,738,403	1,795,237	17,354	-	1,767,860	12,728,380	38
-	-	-	-	-	-	-	-	-	39
70,332	70,332	22,853,508	12,738,403	1,795,237	17,354	...	1,767,860	12,728,380	40

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1964 — Continued**

No.		COST		
		Beginning of year	Additions	Retirements
		dollars		
		Eastern Provincial Airways (1963)		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	3,357,400	—	209,400
2	Aircraft engines	793,000	—	25,000
3	Aircraft propellers	125,000	—	3,500
4	Aircraft communications and navigational equipment	476,000	—	18,808
5	Miscellaneous flight equipment	899	4,721	—
6	Flight equipment, spare parts and assemblies	849,437	292,215	35,853
7	Total flight equipment	5,601,736	296,936	292,561
	Ground property and equipment:			
8	Ramp equipment	49,453	6,693	—
9	Communications and meteorological equipment	31,616	1,407	250
10	Maintenance and engineering equipment	56,757	9,143	—
11	Surface transport vehicles and equipment	18,931	360	3,955
12	Furniture, fixtures and office equipment	63,009	19,489	1,207
13	Miscellaneous ground equipment	58,358	7,687	33
14	Buildings and other improvements	746,799	68,478	17,141
15	Total operating ground property and equipment	1,024,923	113,257	22,586
16	Land	2,479	—	—
17	Construction work in progress	—	—	—
18	Total operating property and equipment	2,479	—	—
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	6,629,138	410,193	315,147
		Pacific Western Airlines		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	2,945,834	25,999	63,874
22	Aircraft engines	742,663	50,881	22,366
23	Aircraft propellers	—	—	—
24	Aircraft communications and navigational equipment	153,204	19,572	1,909
25	Miscellaneous flight equipment	26,616	26,154	—
26	Flight equipment, spare parts and assemblies	634,309	118,147	23,799
27	Total flight equipment	4,502,626	240,753	111,948
	Ground property and equipment:			
28	Ramp equipment	—	—	—
29	Communications and meteorological equipment	144,320	1,483	2,172
30	Maintenance and engineering equipment	173,462	19,953	1,951
31	Surface transport vehicles and equipment	113,024	975	2,476
32	Furniture, fixtures and office equipment	152,045	3,640	461
33	Miscellaneous ground equipment	106,087	11,854	231
34	Buildings and other improvements	474,411	1,713	29,857
35	Total operating ground property and equipment	1,163,349	39,618	37,148
36	Land	1,352	—	550
37	Construction work in progress	997	24,645	997
38	Total operating property and equipment	5,668,324	305,016	150,643
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	5,668,324	305,016	150,643

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1964 — Continued**

Cost		Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Eastern Provincial Airways (1963)									
-	-	3,148,000	104,469	2,947	-	-	309,924	411,446	1
-	-	768,000	24,754	942	-	-	100,148	123,960	2
-	-	121,500	3,870	118	-	-	15,070	18,822	3
-	-	457,192	14,979	707	-	-	47,700	61,972	4
-	-	5,620	22	-	-	-	104	126	5
-	-	1,105,799	25,483	-	-	-	31,110	56,593	6
-	-	5,606,111	173,577	4,714	-	-	504,056	672,919	7
-	-	56,148	4,121	-	-	-	12,363	16,484	8
-	-	32,773	2,108	-	-	-	6,323	8,431	9
-	-	65,900	3,784	-	-	-	11,351	15,135	10
-	-	15,336	1,578	-	-	-	4,728	6,306	11
-	-	81,291	4,198	-	-	-	12,595	16,793	12
-	-	66,012	4,552	-	-	-	13,656	18,208	13
-	-	798,136	12,448	5,314	-	-	37,309	44,441	14
-	-	1,115,594	32,787	5,314	-	-	98,325	125,798	15
-	-	2,479	-	-	-	-	-	-	18
-	-	-	-	-	-	-	-	-	17
-	-	2,479	-	-	-	-	-	-	18
-	-	-	-	-	-	-	-	-	19
-	-	6,724,184	206,364	10,028	-	-	602,381	798,717	20
Pacific Western Airline									
-	795	2,907,164	1,738,293	51,554	-	..	126,631	1,813,370	21
-	-	771,178	110,806	1,126	-	..	31,247	140,927	22
-	-	-	-	-	-	-	-	-	23
-	1,040	169,827	95,749	3,054	1,543	12.5	13,184	107,422	24
-	-	52,770	17,286	-	-	12.5	3,812	21,098	25
4,100	578	732,179	382,956	13,653	-	12.5	79,916	449,219	26
4,100	2,413	4,633,118	2,345,090	69,387	1,543	...	254,790	2,532,036	27
-	-	-	-	-	-	-	-	-	28
-	-	143,631	95,293	2,057	-	10.0	12,459	105,695	29
-	-	191,464	129,359	1,149	-	10.0	12,869	141,079	30
-	-	111,523	96,826	2,475	-	20.0	5,338	99,689	31
-	-	155,224	110,170	409	-	10.0	10,159	119,920	32
-	-	117,710	61,544	136	-	10.0	9,601	71,009	33
-	-	446,267	120,559	22,753	-	5.0-10.0	27,762	125,568	34
-	-	1,165,819	613,751	28,979	-	...	78,188	662,960	35
-	-	802	-	-	-	-	-	-	36
700	-	25,345	-	-	-	-	-	-	37
4,800	2,413	5,825,084	2,958,841	98,366	1,543	-	332,978	3,194,996	38
-	-	-	-	-	-	-	-	-	39
4,800	2,413	5,825,084	2,958,841	98,366	1,543	...	332,978	3,194,996	40

**TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company,
Year Ended December 31, 1964 — Concluded**

No.		Cost		
		Beginning of year	Additions	Retirements
		dollars		
		Quebecair		
	Operating property and equipment:			
	Flight equipment:			
1	Airframes	2,716,171	7,308	137,326
2	Aircraft engines	152,056	—	152,056
3	Aircraft propellers	107,634	—	—
4	Aircraft communications and navigational equipment	215,094	5,636	220,730
5	Miscellaneous flight equipment	18,799	8,340	3,775
6	Flight equipment, spare parts and assemblies	418,759	198,858	158,850
7	Total flight equipment	3,628,513	220,142	672,737
	Ground property equipment:			
8	Ramp equipment	216,977	—	199,631
9	Communications and meteorological equipment	71,101	5,750	76,151
10	Maintenance and engineering equipment	146,522	5,982	51,109
11	Surface transport vehicles and equipment	17,242	9,714	26,956
12	Furniture, fixtures, and office equipment	124,844	4,063	679
13	Miscellaneous ground equipment	23,370	232	627
14	Buildings and other improvements	733,118	798,314	1,532,251
15	Total operating ground property and equipment	1,333,174	824,055	1,887,404
16	Land	24,000	200	24,200
17	Construction work in progress	—	—	—
18	Total operating property and equipment	4,985,687	1,044,397	2,584,341
19	Non-operating property and equipment	—	—	—
20	Total property and equipment	4,985,687	1,044,397	2,584,341
		Transair Ltd.		
	Operating property and equipment:			
	Flight equipment:			
21	Airframes	2,170,638	59,657	69,737
22	Aircraft engines	936,341	3,775	74,674
23	Aircraft propellers	—	—	—
24	Aircraft communications and navigational equipment	116,249	2,365	3,011
25	Miscellaneous flight equipment	80,984	—	—
26	Flight equipment, spare parts and assemblies	125,000	—	—
27	Total flight equipment	3,429,212	65,797	147,422
	Ground property and equipment:			
28	Ramp equipment	—	—	—
29	Communications and meteorological equipment	76,060	853	—
30	Maintenance and engineering equipment	177,920	2,164	168
31	Surface transport vehicles and equipment	94,750	8,114	2,323
32	Furniture, fixtures and office equipment	93,305	3,848	—
33	Miscellaneous ground equipment	3,636	—	—
34	Buildings and other improvements	839,219	100	7,803
35	Total operating ground property and equipment	1,284,890	15,079	10,294
36	Land	24,762	—	4,500
37	Construction work in progress	—	32,830	—
38	Total operating property and equipment	4,738,864	113,706	162,216
39	Non-operating property and equipment	—	—	—
40	Total property and equipment	4,738,864	113,706	162,216

TABLE 11. Property and Equipment and Accumulated Depreciation, Canadian Scheduled Carriers, by Company.
Year Ended December 31, 1964 — Concluded

Cost		Accumulated depreciation							No.
Adjustments		End of year	Beginning of year	Adjustments		Depreciation during year		End of year	
Debit	Credit			Debit	Credit	Rate	Amount		
dollars									
Quebecair									
—	—	2,586,153	1,357,725	82,487	—	10.0	255,926	1,531,164	1
—	—	—	68,943	68,943	—	—	—	—	2
—	42,634	65,000	—	—	—	—	—	—	3
—	—	—	101,198	101,198	—	—	—	—	4
—	—	23,364	7,253	—	—	10.0	2,111	9,383	5
52,934	60,177	451,524	—	—	—	—	—	—	6
52,934	102,811	3,126,041	1,535,119	252,628	—	—	258,037	1,540,527	7
241	—	17,587	123,855	114,806	24	10.0	1,705	10,778	8
—	700	—	40,335	40,335	—	—	—	—	9
—	147	101,248	69,141	23,552	11	10.0	9,486	55,086	10
—	—	—	4,714	4,714	—	—	—	—	11
—	213	128,015	58,118	538	—	10.0	12,573	70,151	12
—	—	22,975	8,607	250	—	10.0	2,298	10,655	13
819	—	—	175,883	176,357	473	—	—	—	14
1,060	1,060	269,825	480,651	360,552	508	—	26,062	146,670	15
—	—	—	—	—	—	—	—	—	16
—	—	—	—	—	—	—	—	—	17
52,994	103,871	3,395,866	2,015,770	613,180	508	—	284,099	1,887,197	18
—	—	—	—	—	—	—	—	—	19
53,994	103,871	3,395,866	2,015,770	813,180	508	—	284,099	1,687,197	20
Transair Ltd.									
—	258,112	1,902,446	1,057,308	186,933	—	..	150,119	1,020,494	21
—	—	865,442	103,841	43,976	—	—	—	59,865	22
—	—	—	—	—	—	—	—	—	23
—	—	115,603	89,377	2,818	—	40	11,895	98,254	24
525	—	81,509	75,257	—	—	40	2,291	77,548	25
—	25,795	99,205	—	—	—	—	—	—	26
525	283,907	3,064,205	1,325,783	233,727	—	...	164,105	1,256,161	27
—	—	—	—	—	—	—	—	—	28
—	—	76,913	56,721	—	—	25	5,048	61,769	29
—	—	179,916	114,562	82	—	20	13,104	127,584	30
—	—	100,541	84,045	657	—	30	5,646	89,034	31
—	—	97,153	65,566	—	—	20	6,317	71,883	32
—	—	3,636	1,458	—	—	20	436	1,894	33
—	—	831,516	380,739	4,954	—	10	45,858	421,643	34
—	—	1,289,675	703,091	5,693	—	...	76,409	773,607	35
—	—	20,262	—	—	—	—	—	—	36
—	—	32,830	—	—	—	—	—	—	37
525	283,907	4,406,972	2,028,874	239,420	—	...	240,514	2,029,968	38
257,587	—	257,587	—	—	138,959	—	—	138,959	39
258,112	283,907	4,664,559	2,028,874	239,420	138,959	...	240,514	2,168,927	40

TABLE 12. Statement of Income, Canadian Carriers - All Services, by Revenue Group, Year Ended December 31, 1964

	Scheduled carriers			Non-scheduled carriers			Grand total	Grand total 1963
	Group I	*Group II ¹	Total	Group III ¹	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	226,115,732	10,984,685	237,100,417	2,776,136	312,593	3,088,729	240,189,146	225,678,737
Express	4,240,728	210,213	4,450,941	102,759	17,220	119,979	4,570,920	4,383,224
Freight	14,509,661	2,361,351	16,871,012	1,048,618	117,072	1,165,690	18,036,702	14,413,507
Excess baggage	1,455,947	210,898	1,666,845	60,261	5,890	66,151	1,732,996	1,579,104
Mail	14,968,807	1,596,630	16,565,437	563,188	50,573	613,761	17,179,198	15,812,298
Total unit toll transportation	261,290,875	15,363,777	276,654,652	4,550,962	503,348	5,054,310	281,708,962	261,866,870
Bulk transportation	11,801,292	7,431,485	19,232,777	13,851,699	9,597,215	23,448,914	42,681,691	36,990,642
Total transportation	273,092,167	22,795,262	295,887,429	18,402,661	10,100,563	28,503,224	324,390,653	298,857,512
Other flying services	72,542	258,015	330,557	2,304,966	3,611,938	5,916,904	6,247,461	4,849,485
Total flying services	273,164,709	23,053,277	296,217,986	20,707,627	13,712,501	34,420,128	330,638,114	303,706,997
Non-flying services	2,238,458	289,296	2,527,754	660,743	1,104,263	1,765,006	4,292,760	5,128,916
Total operating revenue	275,403,167	23,342,573	298,745,740	21,368,370	14,816,764	36,185,134	334,930,874	308,835,913
Operating expenses:								
Flying operations	64,666,479	8,015,030	72,681,509	8,061,075	5,690,038	13,751,113	86,432,622	82,760,169
Maintenance	52,331,768	6,712,158	59,043,926	5,928,961	4,006,255	9,935,216	68,979,142	62,260,306
General services and administration:								
Passenger service	20,482,284	848,153	21,330,437	..	..	..	..	..
Aircraft and traffic servicing	37,826,869	3,171,061	40,997,930	..	..	..	..	..
Promotion and sales	43,149,839	1,572,131	44,721,970	..	..	..	..	..
General administration	10,772,337	1,338,371	12,110,708	..	..	..	..	..
Totals	112,231,329	6,929,716	119,161,045	3,974,468	2,409,604	6,384,072	125,545,117	115,877,172
Depreciation and amortization	29,939,180	1,234,450	31,173,630	1,946,178	1,492,940	3,439,118	34,612,748	33,244,523
Total operating expenses	259,168,756	22,891,354	282,060,110	19,910,682	13,598,837	33,509,519	315,569,629	294,142,170
Operating income (loss)	16,234,411	451,219	16,685,630	1,457,688	1,217,927	2,675,615	19,361,245	14,693,743
Non-operating income - Net:								
Capital gains and losses	1,552,559	543,527	2,096,086	325,715	148,673	474,388	2,570,474	Dr. 230,907
Interest and discounts	2,127,636	3,646	2,131,282	26,212	10,963	37,175	2,168,457	1,456,837
Miscellaneous non-operating income	86,390	54,914	141,304	Dr. 60,982	74,789	13,807	155,111	211,458
Income before interest expense	20,000,996	1,053,306	21,054,302	1,748,633	1,452,352	3,200,985	24,255,287	16,131,131
Interest expense	13,776,177	700,946	14,477,123	464,002	445,978	909,980	15,387,103	14,248,482
Income before income taxes	6,224,819	352,360	6,577,179	1,284,631	1,006,374	2,291,005	8,868,184	1,882,649
Provision for income taxes	-	Cr. 1,400	Cr. 1,400	313,005	163,469	476,474	475,074	492,589
Net income after income taxes	6,224,819	353,760	6,578,579	971,626	842,905	1,814,531	8,393,110	1,390,060

¹ Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 13. Statement of Income, Canadian Scheduled Carriers - All Services, by Company, Year Ended December 31, 1964

	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans-Canada Air Lines	Total	Total 1963
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	49,023,945	2,187,571	4,009,325	3,003,886	1,783,903	177,091,787	237,100,417	222,759,067
Express	199,453	37,532	136,396	-	36,285	4,041,275	4,450,941	4,246,327
Freight	3,792,357	766,390	891,931	430,932	272,098	10,717,304	16,871,012	13,417,520
Excess baggage	433,514	37,332	87,842	69,240	16,484	1,022,433	1,666,845	1,518,551
Mail	3,066,034	601,686	595,951	82,069	316,924	11,902,773	16,565,437	15,254,049
Total unit toll transportation	56,515,303	3,630,511	5,721,445	3,586,127	2,425,694	204,775,572	276,654,652	257,195,514
Bulk transportation	4,024,127	1,727,479	3,120,508	36,087	2,547,411	7,777,165	19,232,777	15,954,697
Total transportation	60,539,430	5,357,990	8,841,953	3,622,214	4,973,105	212,552,737	295,887,429	273,150,211
Other flying services	-	256,956	-	-	1,059	72,542	330,557	425,530
Total flying services	60,539,430	5,614,946	8,841,953	3,622,214	4,974,164	212,625,279	296,217,986	273,575,741
Non-flying services	954,029	139,802	28,260	56,363	64,871	1,284,429	2,527,754	3,192,305
Total operating revenue	61,493,459	5,754,748	8,870,213	3,678,577	5,039,035	213,909,708	298,745,740	276,768,046
Operating expenses:								
Flying operations	20,064,246	1,777,134	3,532,660	937,879	1,767,357	44,602,233	72,681,509	70,159,793
Maintenance	8,461,347	2,184,424	1,813,368	972,406	1,741,960	43,870,421	59,043,926	53,837,554
General services and administration:								
Passenger service	4,783,313	184,187	361,237	126,071	176,658	15,698,971	21,330,437	19,001,849
Aircraft and traffic servicing	6,668,626	999,063	1,607,674	353,252	211,072	31,158,243	40,997,930	37,855,026
Promotion and sales	11,236,614	158,695	335,503	623,542	454,391	31,913,225	44,721,970	41,149,203
General administration	2,263,204	299,904	469,603	320,985	247,879	8,509,133	12,110,708	11,854,704
Totals	24,951,757	1,641,849	2,774,017	1,423,850	1,090,000	87,279,572	119,161,045	109,860,782
Depreciation and amortization	2,164,670	333,172	376,689	284,099	240,510	27,774,510	31,173,630	30,024,444
Total operating expenses	55,642,020	5,936,579	8,496,714	3,618,234	4,839,827	203,526,736	282,060,110	263,882,573
Operating income (loss)	5,851,439	Dr. 181,831	373,499	60,343	199,208	10,382,972	16,685,630	12,885,473
Non-operating income - Net:								
Capital gains and losses	525,485	163,260	86,773	247,302	46,192	1,027,074	2,096,086	Dr. 793,000
Interest and discounts	704,603	625	-	132	2,889	1,423,033	2,131,282	1,419,377
Miscellaneous non-operating income	22,636	66,234	3,010	Dr. 9,081	Dr. 5,249	63,754	141,304	162,939
Income before interest expense	7,104,163	48,288	463,282	298,696	243,040	12,896,833	21,054,302	13,674,687
Interest expense	2,284,919	357,152	124,358	147,858	71,578	11,491,258	14,477,123	13,513,107
Income before income taxes	4,819,244	Dr. 308,864	338,924	150,838	171,462	1,405,575	6,577,179	161,580
Provision for income taxes	-	-	7,600	-	Cr. 9,000	-	Cr. 1,400	115,475
Net income after income taxes	4,819,244	Dr. 308,864	331,324	150,838	180,462	1,405,575	6,578,579	46,155

TABLE 14. Operating Expense Analysis, Canadian Group III Carriers, Year Ended December 31, 1964

EXPENSES	Functional classification						Grand total
	Flying operations	Maintenance			General services and administration	Depreciation and amortization	
		Direct maintenance flight equipment	Direct main-tenance ground property and equipment	Maintenance burden			
	dollars						
Salaries, wages and personnel expenses:							
General management	—	—	—	64,894	572,647	—	637,541
Pilots and co-pilots	2,735,938	—	—	—	—	—	2,735,938
Other flight personnel	168,485	—	—	—	62,196	—	230,681
Maintenance labour	—	1,584,671	118,549	156,928	—	—	1,860,148
Aircraft and traffic handling	—	—	—	—	705,389	—	705,389
Trainees, instructors and unallocated shop labour	54,745	—	—	109,098	38,051	—	201,894
Communications	—	—	—	8,974	75,410	—	84,384
Other personnel	—	—	—	144,694	496,879	—	641,573
Personnel expenses	416,306	—	—	59,206	246,355	—	721,867
Totals	3,375,474	1,584,671	118,549	543,794	2,196,927	—	7,819,415
Materials and supplies:							
Aircraft fuels and oils	2,902,365	—	—	—	—	—	2,902,365
Maintenance materials and supplies	—	1,142,543	122,707	48,020	—	—	1,313,270
Shop and servicing supplies	—	—	—	52,750	8,347	—	61,097
Stationery, printing and office supplies	—	—	—	16,616	92,560	—	109,176
Passenger food expense	—	—	—	—	93,597	—	93,597
Other supplies	54,812	—	—	24,932	49,610	—	129,354
Inventory adjustments	—	—	—	15,896	264	—	16,160
Totals	2,957,177	1,142,543	122,707	158,214	244,378	—	4,625,019
Other expenses:							
Communications purchased	—	—	—	24,652	198,715	—	223,367
Light, heat, power and water	—	—	—	77,277	87,296	—	164,573
Traffic commissions	—	—	—	—	98,318	—	98,318
Professional and technical fees and expenses	—	—	—	836	170,903	—	171,739
Other services — Associated companies	—	—	—	—	37,001	—	37,001
Total repairs and other services — Outside	—	1,569,812	26,131	48,254	156,049	—	1,800,246
Rentals	534,385	—	138	82,518	150,609	—	767,650
Landing fees — Canadian	170,549	—	—	—	—	—	170,549
Foreign	—	—	—	—	—	—	—
Insurance — P.L., P.D. and traffic liability	818,185	—	—	59,746	88,785	—	966,716
Employee welfare	163,362	—	—	68,937	144,272	—	376,571
Injuries, loss and damage	14,343	—	—	652	12,275	—	27,270
Advertising and publicity	—	—	—	—	83,729	—	83,729
Interrupted trip expense	—	—	—	—	8,736	—	8,736
Uncollectible accounts	—	—	—	—	69,264	—	69,264
Taxes, other than income and payroll	—	—	—	—	71,467	—	71,467
Other expenses	27,601	—	—	8,907	155,745	—	192,253
Overhaul provisions— Airframes	—	290,671	—	—	—	—	290,671
Aircraft engines	—	—	—	—	—	—	—
Totals	1,728,425	1,860,483	26,289	371,779	1,533,164	—	5,520,120
Depreciation and amortization:							
Amortization	—	—	—	—	—	7,620	7,620
Depreciation — Flight equipment	—	—	—	—	—	1,621,082	1,621,082
Maintenance equipment and hangars	—	—	—	—	—	160,579	160,579
General ground property	—	—	—	—	—	156,898	156,898
Grand totals	8,061,076	4,587,697	267,525	1,073,787	3,974,469	1,946,179	19,910,733

TABLE 15. Operating Expense Analysis, Canadian Group IV Carriers, Year Ended December 31, 1964

Expenses	Functional classification					Grand total
	Aircraft operating expenses	Maintenance		General services and administration	Depreciation and amortization	
		Flight equipment	Ground property and equipment			
dollars						
Salaries, wages, and personnel expenses:						
General management	—	20,398	6,849	645,171	—	672,418
Flight personnel	2,153,180	—	—	14,400	—	2,167,580
Maintenance labour	—	1,324,719	68,579	—	—	1,393,298
Aircraft and traffic handling	—	—	—	97,684	—	97,684
Other personnel	—	12,258	17,097	361,871	—	391,226
Personnel expenses	246,196	39,680	6,887	156,726	—	449,489
Totals	2,399,376	1,397,055	99,412	1,275,852	—	5,171,695
Materials and supplies:						
Aircraft fuel and oils	1,614,100	—	—	—	—	1,614,100
Maintenance materials and supplies	—	919,451	166,123	—	—	1,085,574
Other supplies	174,338	73,881	11,685	64,018	—	323,922
Totals	1,788,438	993,332	177,808	64,018	—	3,023,596
Other expenses:						
Repairs and other services—Outside	—	989,560	103,450	19,972	—	1,112,982
Rentals	464,994	25,157	90,757	73,882	—	654,590
Insurance—P.L., P.D. and traffic liability	792,353	2,352	46,282	29,041	—	870,028
Other expenses	204,322	36,487	82,562	939,639	—	1,263,010
Depreciation—Flight equipment	—	—	—	—	1,259,209	1,259,209
Ground property and equipment	—	—	—	—	242,294	242,294
Totals	1,461,669	1,053,556	323,051	1,062,334	1,501,503	5,402,113
Grand totals	5,649,483	3,443,943	600,271	2,402,204	1,501,503	13,597,404

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers - All services, Year Ended December 31, 1964

No.	Expenses	Functional classifications			
		Flying operations	Maintenance		
			Direct maintenance flight equipment	Direct maintenance ground property and equipment	Maintenance burden
			dollars		
	Salaries, wages and personnel expenses:				
1	Management	—	—	—	936,601
2	Pilots and co-pilots	14,533,979	—	—	—
3	Other flight personnel	797,428	—	—	—
4	Maintenance labour	—	12,038,186	994,978	2,146,126
5	Aircraft and traffic handling	—	—	—	—
6	Trainees, instructors, unallocated shop labour	419,277	—	—	4,802,468
7	Communications	—	—	—	114,760
8	Other personnel	—	—	—	10,360,044
9	Personnel expenses	1,453,058	—	—	364,383
10	Totals	17,203,742	12,038,186	994,978	18,724,382
	Materials and supplies:				
11	Aircraft fuels and oils	33,613,255	—	—	—
12	Maintenance materials and supplies	—	12,587,425	719,068	635,376
13	Shop and servicing supplies	—	—	—	826,080
14	Stationery, printing and office supplies	—	—	—	189,042
15	Passenger food expense	—	—	—	—
16	Other supplies	101,573	—	—	308,475
17	Inventory adjustments	—	—	—	149,681
18	Totals	33,714,828	12,587,425	719,068	2,108,654
	Other expenses:				
19	Communications purchased	—	—	—	189,818
20	Light, heat, power and water	—	—	—	700,882
21	Traffic commissions	—	—	—	250
22	Professional and technical fees and expenses	—	—	—	7,946
23	Other services - Associated companies	—	—	823	52
24	Total repairs and other services - Outside	—	4,901,549	1,752,631	909,627
25	Rentals	4,840,380	—	—	279,976
26	Landing fees - Canadian	9,434,132	—	—	—
27	Foreign				
28	Insurance - P.L., P.D., and traffic liabilities	5,727,463	—	—	158,571
29	Employee welfare	1,511,699	—	—	1,654,955
30	Injuries, loss and damage	228,823	—	—	53,112
31	Advertising and publicity	—	—	—	—
32	Interrupted trip expense	—	—	—	—
33	Uncollectible accounts	—	—	—	—
34	Taxes, other than income and payroll	—	—	—	—
35	Other expenses	20,442	—	—	281,878
36	Overhaul provisions - Airframes	—	216,811	—	—
37	Aircraft engines	—	562,352	—	—
38	Totals	21,762,939	5,680,712	1,753,454	4,437,067
	Depreciation and amortization:				
39	Amortization	—	—	—	—
40	Depreciation - Flight equipment	—	—	—	—
41	Maintenance equipment and hangars	—	—	—	—
42	General ground property	—	—	—	—
43	Grand totals	72,681,509	30,306,323	3,467,500	25,270,193

TABLE 16. Operating Expense Analysis, Canadian Scheduled Carriers - All Services, Year Ended December 31, 1964

Functional classification									No.
Passenger servicing	Aircraft and passenger servicing			Promotions and sales		General administration	Depreciation and amortization	Grand total	
	Aircraft servicing	Traffic servicing	Servicing administration	Reservations and sales	Advertising and publicity				
dollars									
27,089	356,880	26,619	333,428	607,848	30,145	1,047,433	—	3,366,043	
—	—	—	—	—	—	—	—	14,533,979	2
5,184,432	—	—	—	—	—	—	—	5,981,860	3
—	—	—	—	—	—	—	—	15,179,290	4
—	11,021,271	6,548,234	2,434,841	9,959,323	—	—	—	29,963,669	5
203,674	315,384	2,759	106,145	322,007	—	—	—	6,171,714	6
—	288,832	—	840,740	523,886	—	47,017	—	1,815,235	7
902,836	479,016	260,165	1,331,663	4,867,530	662,112	5,805,478	—	24,668,844	8
1,603,105	260,132	184,624	375,182	1,517,844	140,607	333,709	—	6,232,644	9
7,921,136	12,721,515	7,022,401	5,421,999	17,798,438	832,864	7,233,637	—	107,913,278	10
—	—	—	—	—	—	—	—	33,613,255	11
—	—	—	—	—	—	—	—	13,941,869	12
—	260,809	—	—	—	—	—	—	1,086,889	13
14,664	112,796	178,287	353,892	588,788	85,265	676,367	—	2,199,101	14
8,248,458	—	—	—	—	—	—	—	8,248,458	15
1,880,103	90,684	54,839	382,876	28,399	12,838	9,954	—	2,869,741	16
—	—	—	—	—	—	—	—	149,681	17
10,143,225	464,289	233,126	736,768	617,187	98,103	686,321	—	62,108,994	18
14,963	434,867	382,059	1,120,882	3,201,752	19,827	159,192	—	5,503,360	19
321	55,828	76,160	89,412	129,523	2,107	62,207	—	1,116,440	20
—	—	—	—	8,931,518	—	—	—	8,931,768	21
12,117	82,791	1,236	1,678	161,782	—	287,943	—	555,493	22
7	2,464	1,320,723	1,840	341,623	4,640	264,987	—	1,937,159	23
238,028	2,819,584	2,205,989	767,268	282,819	87,011	96,208	—	14,060,714	24
157,196	507,945	1,130,001	719,848	1,529,508	41,589	774,210	—	9,980,653	25
—	—	—	—	—	—	—	—	9,434,132	26
—	—	—	—	—	—	—	—		27
1,334,930	8,610	63,730	2,206	2,624	228	186,163	—	7,484,525	28
353,609	773,178	412,712	301,101	1,070,584	39,811	399,544	—	6,717,193	29
121,315	39,411	93,314	21,355	4,211	78,050	4,945	—	644,536	30
—	—	—	—	171,347	8,939,640	—	—	9,110,987	31
799,338	—	—	—	—	—	—	—	799,338	32
—	—	—	—	—	—	364,167	—	364,167	33
—	—	—	—	—	—	1,281,397	—	1,281,397	34
234,252	120,679	884,309	176,651	322,001	13,184	309,787	—	2,163,183	35
—	—	—	—	—	—	—	—	216,811	36
—	—	—	—	—	—	—	—	562,352	37
3,266,076	4,845,357	6,350,233	3,202,241	16,149,292	9,226,087	4,190,750	—	80,864,208	38
—	—	—	—	—	—	—	1,978,140	1,978,140	39
—	—	—	—	—	—	—	24,028,772	24,028,772	40
—	—	—	—	—	—	—	2,654,451	2,654,451	41
—	—	—	—	—	—	—	2,512,267	2,512,267	42
21,330,437	18,031,161	13,605,760	9,361,008	34,564,917	10,157,054	12,110,708	31,173,630	282,060,110	43

TABLE 17. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service, 1964

Type of service:	1964						1963 ¹	
	Fixed wing		Helicopters		Total		Revenue hours	Revenue earned
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned		
	No.	\$	No.	\$	No.	\$	No.	\$
Aerial advertising	24	2,472	649	45,619	673	48,091	110	9,604
Aerial fish cultivation	10	1,077	—	—	10	1,077	10	1,240
Aerial patrol and inspection	10,016	1,075,934	7,898	772,971	17,914	1,848,905	13,958	1,255,361
Aerial pest control	5,519	720,070	—	—	5,519	720,070	2,558	386,365
Aerial photography and survey	4,953	536,611	832	74,066	5,785	610,677	4,347	705,664
Aerial photography (excl. survey)	1,523	291,959	1,449	93,554	2,972	385,513	1,603	198,664
Aircraft rental	820	18,377	38	3,800	858	22,177	415	11,403
Flying training	34,838	607,134	307	60,999	35,145	668,133	35,782	627,467
Geophysical survey	9,224	844,978	4,533	568,519	13,757	1,413,497	8,239	966,562
Non-transportation charter	823	74,261	316	21,726	1,139	95,987	1,194	171,106
Recreational flying	12,179	277,606	59	4,397	12,238	282,003	12,678	299,401
Specialty flying - Other	773	221,623	156	20,761	929	242,384	1,636	337,886
Totals	80,702	4,672,102	16,237	1,666,412	96,939	6,338,514	82,530	4,970,723

¹ No breakdown for fixed wing and helicopters in 1963.TABLE 18. Statistical Summary of Canadian Carriers Operating Helicopters, Groups I to IV, 1964¹

		1964			1963 carriers operating helicopters only
		Carriers operating helicopters only	Carriers operating helicopters and fixed-wing	Total	
Carriers reporting	No.	14	7	21	16
Helicopters - Owned	"	128	28	156	..
Leased	"	15	4	19	..
Totals	"	143	32	175	136
Revenue hours flown - Unit toll	No.	—	—	—	..
Bulk	"	56,094	6,196	62,290	..
Specialty	"	7,925	8,312	16,237	..
Totals	"	64,019	14,508	78,527	53,350
Non-revenue hours flown	"	2,487	854	3,341	..
Fuel and oil consumed:					
Gasoline	gal.	1,039,915	176,362	1,216,277	..
Cost	\$	476,748	84,842	561,590	..
Oil	gal.	19,865	3,614	23,479	..
Cost	\$	34,121	5,196	39,317	..
Average number of employees:					
Pilots	No.	128	16	144	135
Administrative	"	53	3	56	..
Maintenance labour	"	123	15	138	101
Other personnel	"	8	2	10	..
Totals	"	312	36	348	236
Salaries and wages:					
Pilots	\$	1,172,635	157,816	1,330,451	1,114,568
Administrative	\$	407,499	26,352	433,851	..
Maintenance labour	\$	757,186	90,937	848,123	620,120
Other personnel	\$	29,126	13,082	42,208	..
Totals	\$	2,366,446	288,187	2,654,633	1,734,688

Balance sheet

Assets:	dollars	Liabilities:	dollars
Current assets:		Current liabilities:	
Cash	499,191	Notes and accounts payable	1,686,831
Accounts receivable	1,879,785	Current portion of long term debt	605,165
Less: reserve for uncollectible accounts	41,174	Accrued taxes	91,925
Materials and supplies	806,116	Other and accrued liabilities	105,395
Short term prepayments	140,452	Total current liabilities	2,489,316
Other current assets	75,391	Non-current liabilities:	
Total current assets	3,359,761	Long term debt	2,871,074
Investments	833,836	Other non-current liabilities	242,948
Property and equipment:		Total non-current liabilities	3,114,022
Operating	10,921,969	Deferred credits	—
Less: accumulated depreciation	5,517,763	Reserves	—
Non-operating	498,788	Capital stock and surplus:	
Less: accumulated depreciation	206,953	Capital stock issued and outstanding:	
Deferred charges:		Preferred	656,567
Long term prepayments	60,322	Common	1,133,747
Other deferred charges	194,035	Other paid-in capital	437,432
Total deferred charges	254,357	Unappropriated surplus	2,312,938
Total assets	10,143,995	Total capital stock and surplus	4,540,687
		Total liabilities	10,143,995

¹ Statement of income for helicopter-only carriers available on request.

TABLE 19. Aircraft Owned and Leased, Canadian Carriers, by Category of Aircraft and Weight Group, as at January 15, 1965

Categories of aircraft and weight groups	Groups I and II ¹		Group III ¹		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
	number									
Carriers reporting	6		20		51		321		398	
Helicopters	—	2	91	11	71	11	31	1	193	25
Turbo jets	16	5	—	—	—	—	—	—	16	5
Turbo props:										
300,001 lbs. and over	—	—	—	—	—	—	—	—	—	—
150,001-300,000 lbs.	—	5	—	—	—	—	—	—	—	5
100,001-150,000 "	23	1	—	—	—	—	—	—	23	1
50,001-100,000 "	40	—	—	—	—	—	—	—	40	—
50,000 lbs. and under	7	—	—	—	1	—	—	—	8	—
Total turbo props	70	6	—	—	1	—	—	—	71	6
Piston engines:										
Four engines:										
130,001 lbs. and over	—	—	—	—	2	—	2	—	4	—
100,001-130,000 lbs.	8	—	1	—	—	—	—	—	9	—
70,001-100,000 "	8	1	4	1	—	—	—	—	12	2
50,001-70,000 "	—	—	—	—	—	—	—	—	—	—
50,000 lbs. and under	—	—	—	—	—	—	—	—	—	—
Total four engines	16	1	5	1	2	—	2	—	25	2
One or two engines:										
40,001 lbs. and over	4	—	9	7	—	—	—	—	13	7
25,001-40,000 lbs.	24	4	22	—	7	—	4	—	57	4
20,001-25,000 "	—	—	—	—	2	—	1	—	3	—
15,001-20,000 "	—	—	7	—	14	—	2	—	23	—
10,001-15,000 "	1	—	3	—	4	—	2	—	10	—
7,501-10,000 "	17	1	34	2	45	1	16	4	112	8
5,001-7,500 "	25	—	51	3	47	7	59	6	182	16
4,001-5,000 "	2	—	6	—	7	4	18	2	33	6
3,001-4,000 "	—	2	5	—	27	1	78	20	110	23
2,001-3,000 "	3	2	25	8	125	11	296	60	449	81
2,000 lbs. and under	—	2	5	—	79	2	356	44	440	48
Total one or two engines	76	11	167	20	357	26	832	136	1,432	193
Grand totals	178	25	263	32	431	37	865	137	1,737	231

¹ Group II non-scheduled carriers included with Group III for purposes of this report.TABLE 20. Accidents to Aircraft of Canadian Registry, Apparent Cause by type of Operation, 1964¹

Type of operation	Apparent cause of accidents												
	Personnel			Material failure					Weather	Landing surface	Miscellaneous	Undetermined	Grand total
	Errors of pilots	Errors of other personnel or crew members	Total	Power plant	Air frame	Landing gear	Equipment and accessories	Total					
number													
Commercial operations:													
Scheduled:													
Domestic	2	—	2	—	—	—	—	—	—	—	—	—	2
International	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-scheduled:													
Domestic	37	4	41	6	—	2	1	9	—	2	—	5	57
International	—	—	—	—	—	—	—	—	—	—	—	—	—
Contract	—	—	—	—	—	—	—	—	—	—	—	—	—
Specialty:													
Flying training	11	—	11	1	—	—	—	1	—	—	—	—	12
Recreational flying	16	—	16	6	—	—	—	6	—	—	1	—	23
Aerial photography and survey	—	1	1	—	—	—	—	—	—	—	—	—	1
Aerial patrol and inspection	2	1	3	2	—	—	—	2	1	—	—	—	6
Aerial pest control	—	1	1	—	—	—	—	—	—	—	—	—	1
Geophysical survey	1	—	1	—	—	—	—	—	—	—	—	—	1
Forest fire protection	—	—	—	—	—	—	—	—	—	—	—	1	1
Other	1	—	1	—	—	—	—	—	—	—	—	—	1
Total commercial operations	70	7	77	15	—	2	1	18	1	2	1	6	105
Non-commercial operations:													
Flying clubs:													
Flying training	7	—	7	1	—	—	—	1	—	—	—	—	8
Recreational flying	3	—	3	—	—	—	—	—	3	—	—	7	13
Private:													
Ferry	1	—	1	—	—	—	—	—	—	—	—	—	1
Company business	24	2	26	1	—	3	—	4	—	1	—	—	31
Test	2	1	3	1	—	—	—	1	—	—	—	—	4
Training-check	5	1	6	1	—	—	—	1	—	—	—	—	7
Recreational flying	58	7	65	5	—	2	—	7	—	—	—	—	72
Aerial pest control	2	—	2	—	1	—	—	1	—	—	—	—	3
Other	2	—	2	—	—	—	—	—	—	2	1	1	6
Miscellaneous: ³													
Positioning	5	—	5	1	2	1	—	4	—	1	—	1	11
State	3	—	3	—	—	—	—	—	—	—	—	—	3
Missing enroute	—	—	—	—	—	—	—	—	—	—	—	4	4
Total non-commercial operations	112	11	123	10	3	6	—	19	3	4	1	13	163
Grand total all operations	182	18	200	25	3	8	1	37	4	6	2	19	266

¹ As reported by Civil Aviation Branch, Department of Transport, Subject to revision.² Includes accidents occurring during non-revenue flights of commercial aircraft.

TABLE 21. Accidents to Aircraft of Canadian Registry, Casualties by General Type of Operation, 1963-64¹

Accidents and casualties	General type of operations					
	Commercial		Non-commercial ²		Total	
	1964 ³	1963	1964 ³	1963	1964 ³	1963
	number					
Total accidents	107	104	161	155	268	259
Fatal accidents	16	15	29	33	45	48
Casualties:						
Pilot:						
Killed	10	15	28	31	38	46
Seriously injured	12	7	20	14	32	21
Co-pilot:						
Killed	—	1	—	—	—	1
Seriously injured	1	—	2	1	3	1
Flight engineer:						
Killed	—	—	—	—	—	—
Seriously injured	—	—	—	—	—	—
Cabin attendant:						
Killed	—	4	—	—	—	4
Seriously injured	—	—	—	—	—	—
Other crew:						
Killed	1	1	—	1	1	2
Seriously injured	2	2	1	1	3	3
Passengers:						
Killed	16	126	22	31	38	157
Seriously injured	17	17	10	7	27	24
Third party:						
Killed	1	—	—	1	1	—
Seriously injured	1	—	—	—	1	—
Totals:						
Killed	28	147	50	64	78	211
Seriously injured	33	26	33	23	66	49

¹ As reported by Civil Aviation Branch, Department of Transport.² Includes flying clubs, private and miscellaneous flying (positioning, state and ferry) which comprise accidents occurring during non-revenue flights of commercial aircraft.³ Subject to revision.TABLE 22. Personnel and Airport Licenses Issued and Aircraft Registered as of December 31, 1964¹

	In force December 31, 1964	In force December 31, 1963		Total December 31, 1964	Total December 31, 1963
	number			number	
Pilots:			Commercial	1,949	1,929
Glider	736	665	Private	4,544	4,172
Private	16,420	16,393	State	200	191
Commercial	2,660	2,359	Commercial (restricted)	62	64
Senior commercial	376	368	Ultra light	152	123
Airline transport	1,374	1,355	Experimental	12	11
			Private (restricted)	14	11
Totals	21,566	21,140	Totals	6,933	6,501
Air navigators	97	91	Airports		
Air traffic controllers	793	814		In force December 31, 1964	In force December 31, 1963
Flight engineers	37	38			
Aircraft maintenance engineers	2,285	2,270	Number of airports	672	657

¹ As reported by Civil Aviation Branch, Department of Transport.

CIVIL AVIATION DEFINITIONS

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).
Cargo, Air	Air freight and air express.
Carrier, Air	Any person who operates aircraft in or over Canada for hire or reward.
Carrier, Non-scheduled	Carriers not operating any scheduled (Class 1) service.
Carrier, Scheduled	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.
Freedoms of the Air:	
First Freedom	The right to fly over the territory of a foreign country without landing.
Second Freedom	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom	The right 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 right 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 right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right 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.
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.
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.
Interline Traffic:	
Divisional Interline	Passengers and goods received from other operating divisions of the same carrier.
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.
International Services:	
Pacific and Orient Services	Services between Canada and points in the Pacific Ocean or the Orient.
Southern Services	Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
Trans-Atlantic and Polar Services	Services between Canada and Europe.
Trans-border Services	Services between Canada and the United States.
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.
Miles	Statute miles of 5,280 ft.
Passenger	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.
Non-revenue Passenger	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Revenue Passenger	A child or adult for which a fare or part of a fare is paid.
Passenger Load-factor	Ratio of revenue passenger-miles performed to available seat-miles.
Passenger-mile	The transportation of one passenger one mile.

CIVIL AVIATION DEFINITIONS – Concluded

Seat-miles Available:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Tons	Short tons of 2,000 lbs.
Ton-miles	The transportation of one ton of goods one mile.
Ton-miles Available	Available load capacity multiplied by miles flown on each inter-station flight.
Unit Toll Transportation	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 1); 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).
Weight Load Factor	Ratio of revenue ton-miles performed to available ton-miles.



LIBRARY

THE ROYAL BANK OF CANADA
MONTREAL - CANADA



STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA
1010548663