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TABLE OF CONTENTS

	Page
Charts:	
Operating Revenues of Canadian Carriers	4
Revenue Goods Carried by Canadian Carriers	4
Introduction	5
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services	6
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	8
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company	9
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company	10
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company	13
6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service	14
7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service	15
8. Statistical Summary of Canadian Carriers Operating Helicopters only, Groups I to IV	15
9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service	16
Civil Aviation Definitions	17

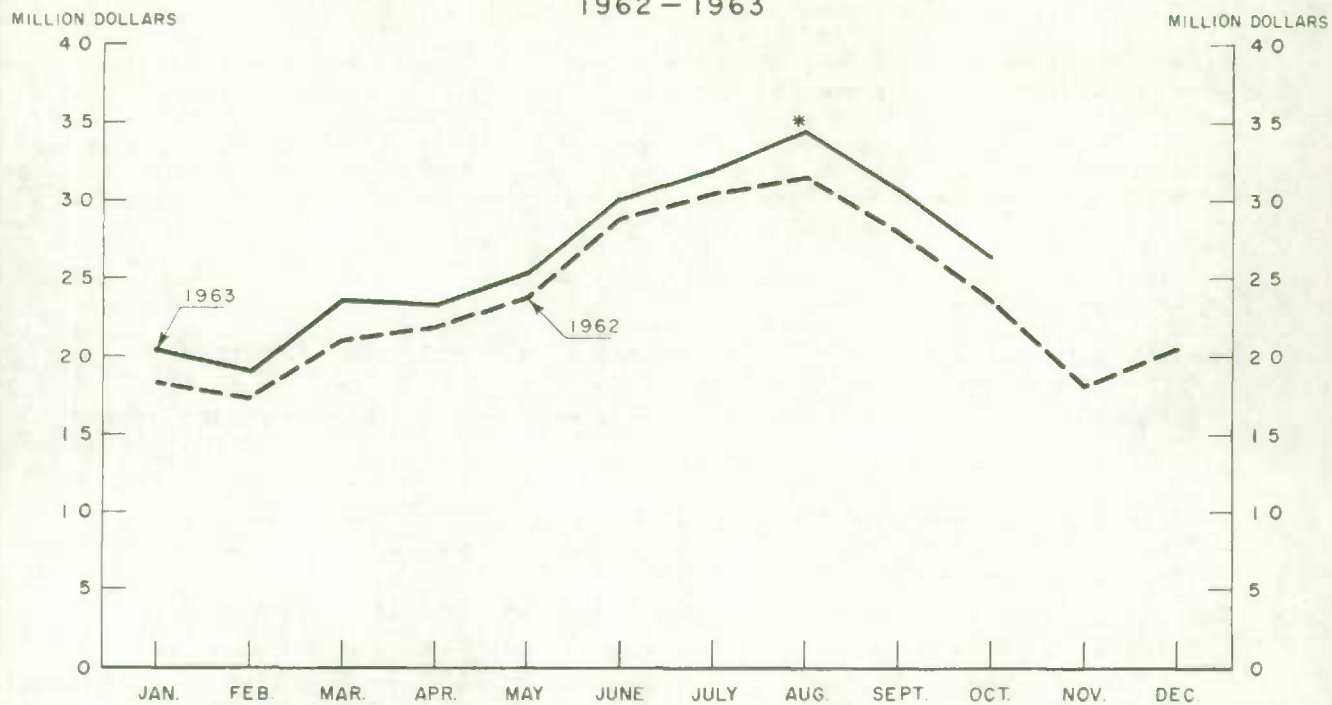
SYMBOLS

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

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

OPERATING REVENUE OF CANADIAN CARRIERS

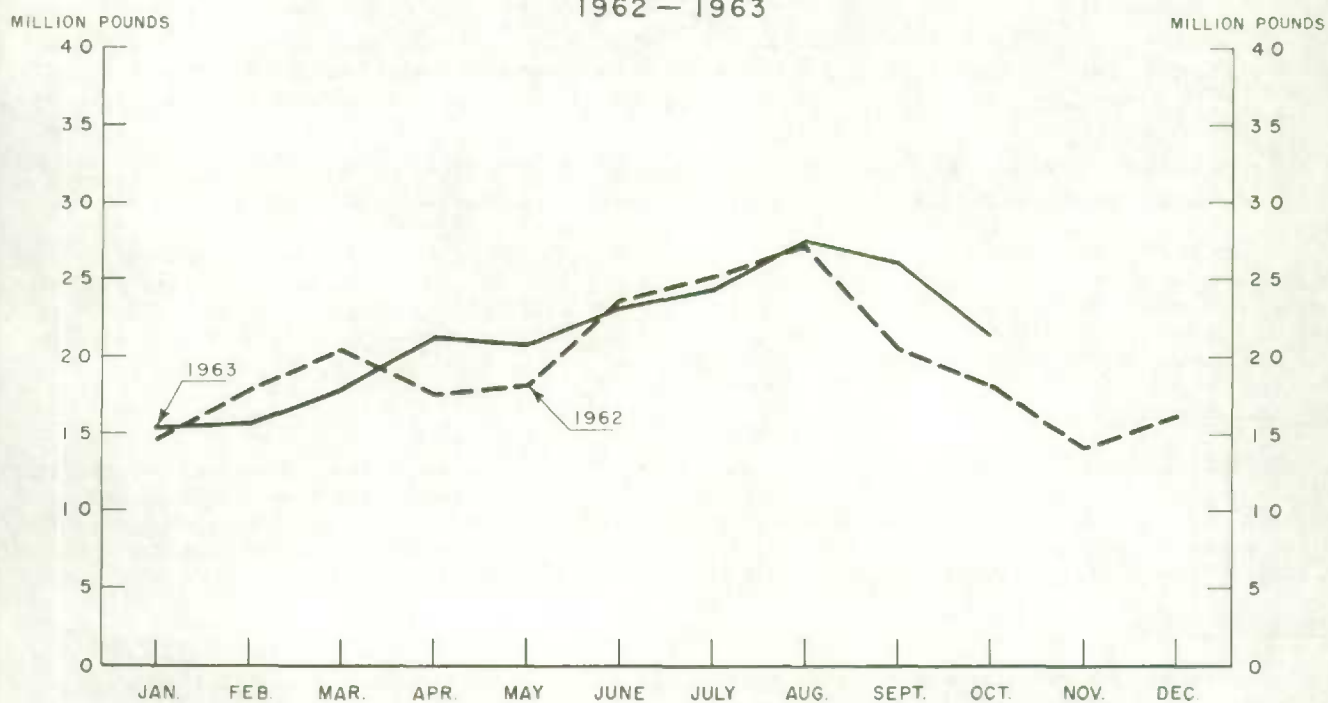
1962 - 1963



* ALL TIME HIGH FOR SINGLE MONTH.

REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1962 - 1963



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

INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. which is classified as a Group II carrier by the Air Transport Board, has been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the two Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, and Trans-Canada Air Lines.

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

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table includes the operations of both Canadian and Foreign carriers, with separate totals for each.

Review of October Operations:

During the month of October 1963, there was an increase in both the number of revenue passengers, and the volume of revenue goods transported by Canadian Air Carriers, as compared with the same month of 1962. Passengers carried rose 11.2 per cent to 482,806 and goods increased 17.4 per cent to 10,661 tons.

On the financial side, operating revenues increased 11 per cent to \$26,201,520 and operating expenses rose 6.9 per cent over October 1962, to \$24,498,755. As a result the operating income for October amounted to \$1,702,765 compared with \$686,336 in October 1962. After provision for income taxes, the net income amounted to \$864,607 as against a deficit of \$217,558 in October of the previous year.

Commencing in October, Eastern Provincial Airways (which previously reported with Group III carriers) merged with Maritime Central Airways to form a new company which will be known as Eastern Provincial Airways (1963) Limited. The operations of this carrier will henceforth be shown with the other Group II carriers throughout this report.

This merger has made it necessary to estimate the split between scheduled and non-scheduled services for the purposes of this report. This is indicated appropriately in Table 4.

In October the six scheduled carriers transported 438,435 revenue passengers which is 90.8 per cent of the total number carried. They also carried 6,869 tons of revenue goods or 64.4 per cent of the total. The scheduled carriers also accounted for 90.8 per cent of the operating revenues and 90 per cent of the operating expenses. Corresponding figures for October of the previous year were 90.3 per cent and 89.6 per cent respectively.

The Cumulative View:

For the first ten months of 1963 the number of revenue passengers flown increased substantially, but the volume of revenue goods carried was virtually unchanged. Revenue passengers transported rose 12.7 per cent to 5,126,761 while in contrast, revenue goods carried declined 0.2 per cent to 104,691 tons. Operating revenues for the period were \$266,507,499, up 8.5 per cent from the comparable period of 1962, while operating expenses rose 5.2 per cent to \$244,729,854.

Foreign Carriers:

Foreign carriers licensed to operate in Canada are required to report statistics of their performance over Canadian territory only.

During October 1963, foreign carriers licensed to operate in Canada transported 83,451 revenue passengers, an increase of 25.8 per cent over October 1962. The volume of revenue goods carried also increased, rising 30.7 per cent to 1,245 tons.

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

October 1963

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
	Group I and II(1)	Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	20	62	82	88	10	9	107	..
Transportation services:									
Unit toll:									
Revenue departures No.	17,745	2,175	850	3,025	20,770	..	..	..	..
Revenue hours flown "	21,824	2,241	840	3,081	24,905	340	1,028	26,273	267,139
Revenue miles scheduled "	5,436,748 (4)	...	...	...	5,436,748 (4)	86,056	378,293	5,901,097 (4)	60,532,204 (4)
Revenue miles flown:									
Scheduled services "	5,549,842(4)	...	...	...	5,549,842(4)	83,221	393,978	6,027,041(4)	61,600,944(4)
Non-scheduled services ... "	344,542(4)	276,745	66,816	343,561	688,103(4)	-	-	688,103(4)	7,338,937(4)
Totals "	5,894,384	276,745	66,816	343,561	6,237,945	83,221	393,978	6,715,144	68,939,881
Revenue passengers carried "	426,824	8,667	2,741	11,408	438,232	57,003	23,107	518,342	4,842,455
Revenue goods carried:									
Cargo lb.	8,749,076	621,363	205,312	826,675	9,575,751	698,575	1,455,944	11,828,816	98,316,602
Excess baggage "	85,279(5)	3,975	9,292	13,267	98,546(5)				
Mail "	3,535,113	86,358	19,847	106,205	3,641,318	140,861	144,531	3,926,710	36,192,769
Totals "	12,369,468	711,696	234,451	946,147	13,315,615	839,436	1,600,475	15,755,526	134,509,371
Revenue passenger-miles No.	308,728,549	1,218,224	169,074	1,387,298	310,115,847	2,381,094	20,208,757	332,705,698	3,283,523,557
Revenue goods ton-miles:									
Cargo "	4,781,918	124,051	18,432	142,483	4,924,401	17,119	589,012	5,740,501	50,110,766
Excess baggage "	208,881	683	405	1,088	209,969				
Mail "	1,428,612	24,695	1,084	25,779	1,454,391	2,908	69,675	1,526,974	14,744,544
Totals "	6,419,411	149,429	19,921	169,350	6,588,761	20,027	658,687	7,267,475	64,855,310
Bulk:									
Revenue - Departure "	2,712	6,974	11,578	18,552	21,264	..	..	..	..
Hours flown "	3,194	8,205	8,098	16,303	19,497	2	118	19,617	230,118
Miles flown "	597,235	609,434	822,952	1,432,386	2,029,621	416	42,804	2,072,841	24,753,574
Passengers carried "	11,611	13,885	19,078	32,963	44,574	422	3,099	48,095	546,669
Freight carried .. lb.	1,368,903	3,818,699	2,819,721	6,638,420	8,007,323	-	50,176	8,057,499	102,576,868
Non-transportation services:									
Specialty flying:									
Revenue hours flown No.	242	1,463	5,290	6,753	6,995	-	-	6,995	74,824

See footnotes at end of table.

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

October 1963

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Groups I and II(1)	Group III(1)	Group IV					
Total - All services:									
Traffic, hours and miles:(6)									
Revenue:									
Departures	No.	20,457	9,149	12,428	21,577	42,034	..	..	..
Hours flown	"	25,260	11,909	14,228	26,137	51,397	342	1,146	52,885
Miles flown	"	6,491,619	886,179	889,768	1,775,947	8,267,566	83,637	436,782	8,787,985
Passengers carried	"	438,435	22,552	21,819	44,371	482,806	57,425	26,206	566,437
Cargo carried	lb.	10,117,979	4,440,062	3,025,033	7,465,095	17,583,074	698,575(7)	1,506,120(7)	19,886,315(7)
Goods carried	"	13,738,371	4,530,395	3,054,172	7,584,567	21,322,938	839,436	1,650,651	23,813,025
Non-revenue:									
Hours flown	No.	526	498	501	999	1,525	1	-	1,526
Passengers carried	"	..	78	2	80	..	978	436	..
Goods carried	lb.	..	44,143	1,600	45,743	..	15,553	62,664	..
Passenger-miles	No.	19,226,675	40,281	420	40,701	19,267,376	38,438	308,084	19,613,898
Goods ton-miles	"	506,087	28,709	180	28,889	534,976	505	20,885	556,366
Fuel consumed:									
Turbo fuel - Quantity	gal.	15,222,725	-	9,032	9,032	15,231,757	151,234	2,748,389	18,131,380
Cost	\$	2,235,936	-	2,621	2,621	2,238,557	24,269	450,807	2,713,633
Gasoline - Quantity	gal.	903,216	494,905	197,677	692,582	1,595,798	59,729	167,197	1,822,724
Cost	\$	300,821	198,513	90,954	289,467	590,288	13,575	46,273	650,136
Oil consumed:									
Turbo aircraft - Quantity ..	gal.	5,252	-	1	1	5,253	2	81	5,336
Cost	\$	32,434	-	15	15	32,449	20	705	33,174
Other aircraft - Quantity ..	gal.	13,933	6,686	2,813	9,499	23,432	516	739	24,687
Cost	\$	15,802	7,027	3,878	10,905	26,707	330	581	27,618
Average number of employees:									
Flying personnel	No.	2,096	391	267	658	2,754	..	..	..
Other personnel	"	13,364	725	479	1,204	14,568	..	..	..
Totals	"	15,460	1,116	746	1,862	17,322	217	726	18,265
Salaries and wages paid:									
Flying personnel	\$	1,724,852	264,467	155,572	420,039	2,144,891	..	..	..
Other personnel	\$	6,518,120	318,098	185,461	503,559	7,021,679	..	..	..
Totals	\$	8,242,972	582,565	341,033	923,598	9,166,570	110,711	327,241	9,604,522
									94,320,443

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

(2) See Introduction, page 5, last paragraph.

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

(4) Breakdown into scheduled and non-scheduled refers to the predominating service, as some carriers operate the two jointly on certain routes.

(5) Excludes Group I carriers.

(6) Except for hours flown, these data relate to transportation services only.

(7) Includes excess baggage.

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

October 1963

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	18,427,789	916,498	19,344,287	214,120	33,089	247,209	19,591,496	193,847,508
Express	358,800	53,401	412,201	11,001	1,997	12,998	425,199	3,797,557
Freight	1,125,663	143,562	1,269,225	72,923	12,604	85,527	1,354,752	11,411,753
Excess baggage	132,763	19,606	152,369	3,989	816	4,805	157,174	1,330,801
Mail	1,141,657	100,644	1,242,301	35,942	4,702	40,644	1,282,945	12,669,606
Total unit toll transportation ..	21,186,672	1,233,711	22,420,383	337,975	53,208	391,183	22,811,566	223,057,225
Bulk transportation	631,327	454,664	1,085,991	985,450	568,509	1,553,959	2,639,950	33,855,365
Total transportation	21,817,999	1,688,375	23,506,374	1,323,425	621,717	1,945,142	25,451,516	256,912,590
Other flying services	8,266	21,751	30,017	151,181	160,737	311,918	341,935	4,424,862
Total flying services	21,826,265	1,710,126	23,536,391	1,474,606	782,454	2,257,060	25,793,451	261,337,452
Non-flying services	246,342	13,408	259,750	71,697	76,622	148,319	408,069	5,170,047
Total operating revenues	22,072,607	1,723,534	23,796,141	1,546,303	859,076	2,405,379	26,201,520	266,507,499
Operating expenses:								
Flying operations	4,854,902	626,127	5,481,029	640,416	360,327	1,000,743	6,481,772	67,896,275
Maintenance	4,105,261	526,622	4,631,883	516,352	144,269	660,621	5,292,504	52,824,936
General services and administration:								
Passenger service	1,528,428	45,047	1,573,475	..	..	..	..	..
Aircraft and traffic servicing	3,036,754	249,627	3,286,381	..	..	..	..	..
Promotion and sales	3,406,175	139,905	3,546,080	..	..	..	..	..
General administration	881,237	102,467	983,704	..	..	..	..	..
Totals	8,852,594	537,046	9,389,640	289,857	154,858	444,715	9,834,355	96,554,776
Depreciation and amortization	2,394,241	151,213	2,545,454	221,791	122,879	344,670	2,890,124	27,453,867
Total operating expenses	20,206,998	1,841,008	22,048,006	1,668,416	782,333	2,450,749	24,498,755	244,729,854
Operating income (loss)	1,865,609	Dr. 117,474	1,748,135	Dr. 122,113	76,743	Dr. 45,370	1,702,765	21,777,645
Non-operating income - Net:								
Capital gains and losses	120,402	7,494	127,896	Dr. 17,194	9,526	Dr. 7,668	120,228	781,399
Interest and discounts	141,566	436	142,002	Dr. 15,625	5,519	Dr. 10,106	131,896	1,147,996
Miscellaneous non-operating income ..	Dr. 5,897	338	Dr. 5,559	Dr. 1,830	1,266	Dr. 564	Dr. 6,123	97,470
Income before interest expense ..2....	2,121,680	Dr. 109,206	2,012,474	Dr. 156,762	93,054	Dr. 63,708	1,948,766	23,804,510
Interest expense	968,997	63,213	1,032,210	35,213	11,975	47,188	1,079,398	10,714,406
Income before income taxes	1,152,683	Dr. 172,419	980,264	Dr. 191,975	81,079	Dr. 110,896	869,368	13,090,104
Provision for income taxes	-	-	-	Cr. 30,062	34,823	4,761	4,761	471,734
Net income after income taxes	1,152,683	Dr. 172,419	980,264	Dr. 161,913	46,256	Dr. 115,657	864,607	12,618,370

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

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

October 1963

	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	3,801,339	187,821	279,601	266,185	182,891	14,626,450	19,344,287	190,364,738
Express	17,298	2,147	11,810	37,002	2,442	341,502	412,201	3,682,675
Freight	288,273	58,043	65,682	-	19,837	837,390	1,269,225	10,454,539
Excess baggage	36,972	3,991	8,052	5,598	1,965	95,791	152,369	1,255,510
Mail	234,733	27,031	45,802	3,693	24,118	906,924	1,242,301	11,899,515
Total unit toll transportation ..	4,378,615	279,033	410,947	312,478	231,253	16,808,057	22,420,383	217,656,977
Bulk transportation	185,294	118,098	123,673	4,504	208,389	446,033	1,085,991	13,857,992
Total transportation	4,563,909	397,131	534,620	316,982	439,642	17,254,090	23,506,374	231,514,969
Other flying services	-	21,458	-	-	293	8,266	30,017	87,698
Total flying services	4,563,909	418,589	534,620	316,982	439,935	17,262,356	23,536,391	231,602,667
Non-flying services	66,987	6,258	521	4,077	2,552	179,355	259,750	3,129,799
Total operating revenues	4,630,896	424,847	535,141	321,059	442,487	17,441,711	23,796,141	234,732,466
Operating expenses:								
Flying operations	1,630,809	164,912	190,907	90,629	179,679	3,224,093	5,481,029	56,009,745
Maintenance	548,388	144,717	130,618	79,663	171,624	3,556,873	4,631,883	44,827,705
General services and administrations:								
Passenger service	395,328	8,355	11,747	7,284	17,661	1,133,100	1,573,475	16,128,451
Aircraft and traffic servicing	520,837	77,325	119,111	27,742	25,449	2,515,917	3,286,381	31,234,049
Promotion and sales	909,130	21,248	25,105	52,440	41,112	2,497,045	3,546,080	34,460,943
General administration	206,471	23,647	30,966	26,602	21,252	674,766	983,704	9,436,734
Totals	2,031,766	130,575	186,929	114,068	105,474	6,820,828	9,389,640	91,260,177
Depreciation and amortization	199,146	62,457	33,380	32,265	23,111	2,195,095	2,545,454	24,533,633
Total operating expenses	4,410,109	502,661	541,834	316,625	479,888	15,796,889	22,048,006	216,631,260
Operating income (loss)	220,787	Dr. 77,814	Dr. 6,693	4,434	Dr. 37,401	1,644,822	1,748,135	18,101,206
Non-operating income - Net:								
Capital gains and losses	143,402	-	7,376	118	-	Dr. 23,000	127,896	309,732
Interest and discounts	62,889	-	-	38	398	78,677	142,002	1,110,466
Miscellaneous non-operating income ..	Dr. 5,234	14	414	133	Dr. 223	Dr. 663	Dr. 5,559	41,581
Income before interest expense	421,844	Dr. 77,800	1,097	4,723	Dr. 37,226	1,699,836	2,012,474	19,562,985
Interest expense	-	30,544	11,015	14,090	7,564	968,997	1,032,210	10,135,936
Income before income taxes	421,844	Dr. 108,344	Dr. 9,918	Dr. 9,367	Dr. 44,790	730,839	980,264	9,427,049
Provision for income taxes	-	-	-	-	-	-	-	155,145
Net income after income taxes	421,844	Dr. 108,344	Dr. 9,918	Dr. 9,367	Dr. 44,790	730,839	980,264	9,271,904

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

October 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services:									
Unit toll:									
Revenue departures No.	1,836	11,379	13,215	982	1,218	1,097	1,233	4,530	17,745
Revenue hours flown "	3,473	14,221	17,694	770	1,300	787	1,273	4,130	21,824
Revenue miles scheduled "	1,194,687	3,885,995	5,080,682	27,983(5)	170,590	79,725	77,768	356,066(5)	5,436,748(5)
Revenue miles flown:									
Scheduled services - Regular "	1,158,756	3,858,671	5,017,427	25,278(5)	169,333	79,525	75,688	349,824(5)	5,367,251(5)
Extra section "	5,556	152,652	158,208	12(5)	5,297	4,929	14,145	24,383(5)	182,591(5)
Non-scheduled services "	53,052	-	53,052	115,417(5)	23,490	62,920	89,663	291,490(5)	344,542(5)
Totals "	1,217,364	4,011,323	5,228,687	140,707	198,120	147,374	179,496	665,697	5,894,384
Ratio of regular miles flown to miles scheduled	97.0	99.3	98.8	90.3(5)	99.3	99.7	97.3	98.3(5)	98.7(5)
Revenue passengers carried No.	39,618	349,846	389,464	8,024	13,255	9,695	6,386	37,360	426,824
Revenue goods carried:									
Express lb.	78,818	1,058,029	1,136,847	7,001	40,173	174,212	14,954	236,340	1,373,187
Freight "	790,029	5,327,482	6,117,511	588,414	553,257	-	116,707	1,258,378	7,375,889
Excess baggage ..... "	..	..	..	17,665	24,629	32,527	10,458	85,279	85,279(2)
Mail "	212,824	2,849,207	3,062,031	157,214	181,613	30,176	104,079	473,082	3,535,113
Totals "	1,081,671	9,234,718	10,316,389	770,294	799,672	236,915	246,198	2,053,079	12,369,468
Revenue passenger-miles:									
Scheduled services No.	63,587,481	233,470,275	297,057,756	322,203(5)	3,164,200	1,716,475	1,631,544	6,834,422(5)	303,892,178(5)
Non-scheduled services "	1,316,475	-	1,316,475	1,637,151(5)	95,170	1,355,836	431,739	3,519,896(5)	4,836,371(5)
Totals "	64,903,956	233,470,275	298,374,231	1,959,354	3,259,370	3,072,311	2,063,283	10,354,318	308,728,549
Available seat-miles on scheduled services "	139,381,643	374,839,730	514,221,373	923,619(5)	7,369,184	2,883,776	3,876,744	15,053,323(5)	529,274,696(5)
Passenger load factor on scheduled services	45.6	62.3	57.8	34.9(5)	42.9	59.5	42.1	45.4(5)	57.4(5)
Revenue goods ton-miles:									
Express - Scheduled services No.	19,659	371,204	390,863	-(5)	10,159	23,048	3,280	36,487(5)	427,350(5)
Non-scheduled services "	1,101	-	1,101	1,670(5)	-	14,675	264	16,609(5)	17,710(5)
Totals "	20,760	371,204	391,964	1,670	10,159	37,723	3,544	53,096	445,060
Freight - Scheduled services "	1,016,287	3,098,559	4,114,846	1,258(5)	138,507	-	16,137	155,902(5)	4,270,748(5)
Non-scheduled services "	2,595	-	2,595	55,883(5)	2,049	-	5,583	63,515(5)	66,110(5)
Totals "	1,018,882	3,098,559	4,117,441	57,141	140,556	-	21,720	219,417	4,336,858

See footnotes at end of table.

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

October 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:									
Excess baggage - Scheduled services No.	40,176	152,191	192,367	267(5)	4,608	2,949	1,815	9,639(5)	202,006(5)
Non-scheduled services	123	-	123	3,442(5)	69	2,974	267	6,752(5)	6,875(5)
Totals	40,299	152,191	192,490	3,709	4,677	5,923	2,082	16,391	208,881
Mail - Scheduled services	198,123	1,145,179	1,343,302	4,605(5)	43,616	787	5,097	54,105(5)	1,397,407(5)
Non-scheduled services	4,175	-	4,175	17,407(5)	175	1,511	7,937	27,030(5)	31,205(5)
Totals	202,298x	1,145,179x	1,347,477	22,012	43,791	2,298	13,034	81,135	1,428,612 x
Total - Scheduled services	1,274,245	4,767,133	6,041,378	6,130(5)	196,890	26,784	26,329	256,133(5)	6,297,511(5)
Non-scheduled services	7,994	-	7,994	78,402(5)	2,293	19,160	14,051	113,906(5)	121,900(5)
Totals	1,282,239	4,767,133	6,049,372	84,532	199,183	45,944	40,380	370,039	6,419,411
Available ton-miles on scheduled services	18,378,941	52,018,333	70,397,274	93,301(5)	1,017,850	287,374	255,753	1,654,278(5)	72,051,552(5)
Weight load factor on scheduled services(3)	41.5	54.0	50.8	41.0(5)	50.4	69.1	74.1	56.8(5)	50.9(5)
Bulk:									
Revenue - Departures	No. 42	107	149	1,100	1,156	15	292	2,563	2,712
Hours flown	" 241	395	636	915	960	26	657	2,558	3,194
Miles flown	" 85,946	180,507	266,453	97,510	116,029	4,160	113,083	330,782	597,235
Passengers carried	" 1,628	4,934	6,562	2,289	1,748	62	950	5,049	11,611
Freight carried	lb. -	-	-	141,918	497,630	5,121	724,234	1,368,903	1,368,903
Non-transportation services:									
Specialty flying:									
Revenue hours flown	No. -	24	24	215	-	-	3	218	242
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	No. 1,878	11,486	13,364	2,082	2,374	1,112	1,525	7,093	20,457
Hours flown	" 3,714	14,640	18,354	1,900	2,260	813	1,933	6,906	25,260
Miles flown	" 1,303,310	4,191,830	5,495,140	238,217	314,149	151,534	292,579	996,479	6,491,619
Passengers carried	" 41,246	354,780	396,026	10,313	15,003	9,757	7,336	42,409	438,435
Cargo carried	lb. 868,847	6,385,511	7,254,358	737,333	1,091,060	179,333	855,895	2,863,621	10,117,979
Goods carried	" 1,081,671	9,234,718	10,316,389	912,212	1,297,302	242,036	970,432	3,421,982	13,738,371

See footnotes at end of table.

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

October 1963

	Group I carriers			Group II carriers					Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways(1963)	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)		
Total - All services - Concluded:										
Traffic, hours and miles(4) - Concluded:										
Non-revenue:										
Hours flown	No.	93	143	236	118	96	32	44	290	526
Passengers carried	"	1,641	..	..	363	359	139	169	1,030	..
Goods carried	lb.	131,670	..	..	17,798	31,703	-	21,702	71,203	..
Passenger-miles	No.	3,520,808	15,341,599	18,862,407	129,357	115,406	42,939	76,566	364,268	19,226,675
Goods ton-miles	"	172,894	313,950	486,844	4,294	9,192	-	5,757	19,243	506,087
Fuel consumed:										
Turbo fuel - Quantity	gal.	3,432,190	11,514,077	14,946,267	94,400	-	121,614	60,444	276,458	15,222,725
Cost	\$	612,462	1,551,548	2,164,010	22,656	-	35,292	13,978	71,926	2,235,936
Gasoline - Quantity	gal.	373,345	-	373,345	83,084	236,064	13,110	197,613	529,871	903,216
Cost	\$	104,703	-	104,703	30,669	85,553	6,927	72,969	196,118	300,821
Oil consumed:										
Turbo aircraft - Quantity ..	gal.	455	3,162	3,617	1,452	-	183	-	1,635	5,252
Cost	\$	3,150	26,666	29,816	1,815	-	803	-	2,618	32,434
Other aircraft - Quantity ..	gal.	4,518	-	4,518	1,259	2,513	461	5,182	9,415	13,933
Cost	\$	5,098	-	5,098	1,574	3,141	807	5,182	10,704	15,802
Average number of employees:										
Flying personnel	No.	480	1,340	1,820	71	81	39	85	276	2,096
Other personnel	"	2,128	10,093	12,221	304	323	232	284	1,143	13,364
Totals	"	2,608	11,433	14,041	375	404	271	369	1,419	15,460
Salaries and wages paid:										
Flying personnel	\$	406,496	1,116,953	1,523,449	50,911	70,380	24,588	55,524	201,403	1,724,852
Other personnel	\$	949,498	5,091,169	6,040,667	121,553	152,004	96,463	107,433	477,453	6,518,120
Totals	\$	1,355,994	6,208,122	7,564,116	172,464	222,384	121,051	162,957	678,856	8,242,972

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

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

(4) Except for hours flown, these data relate to transportation services only.

(5) Estimated.

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

October 1963

	Canadian Pacific Air Lines	Eastern Provincial Airways(1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	No. 32,134	6,583	12,553	9,695	5,707	294,655	361,327
Domestic interline	" 3,248	1,343	-	-	-	55,191	63,821
Foreign interline	" 4,039	-	-	-	-	-	-
Totals(2)	" 39,421	7,926	12,553	9,695	5,707	349,846	425,148
Revenue express carried:							
Originated	lb. 78,818	7,001	40,173	174,212	14,954	1,058,029	1,373,187
Domestic interline	" -	-	-	-	-	-	-
Foreign interline	" -	-	-	-	-	-	-
Totals(2)	" 78,818	7,001	40,173	174,212	14,954	1,058,029	1,373,187
Revenue freight carried:							
Originated	lb. 669,432	588,241	533,453	-	61,795	5,327,482	7,180,403
Domestic interline	" 11,378	-	-	-	-	-	11,378
Foreign interline	" 40,697	-	-	-	-	-	40,697
Totals(2)	" 721,507	588,241	533,453	-	61,795	5,327,482	7,232,478
Revenue excess baggage carried:							
Originated	lb. ..	17,568	23,538	32,527	9,017	..	82,650(3)
Domestic interline	" ..	-	-	-	-	..	-
Foreign interline	" ..	-	-	-	-	..	-
Totals(2)	" ..	17,568	23,538	32,527	9,017	..	82,650(3)
Revenue mail carried:							
Originated	lb. 212,824	157,078	179,873	30,176	32,011	2,849,207	3,461,169
Domestic interline	" -	-	-	-	-	-	-
Foreign interline	" -	-	-	-	-	-	-
Totals(2)	" 212,824	157,078	179,873	30,176	32,011	2,849,207	3,461,169

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

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service

October 1963

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	1,852	454	280	98	2,684	10,531	13,215
Revenue hours flown "	2,569	1,744	712	597	5,622	12,072	17,694
Revenue miles scheduled "	558,959	815,453	333,404	266,196	1,974,012	3,106,670	5,080,682
Revenue miles flown:							
Scheduled services - Regular "	557,152	780,009	332,270	266,196	1,935,627	3,081,800	5,017,427
Extra sections "	42,743	12,240	1,048	-	56,031	102,177	158,208
Non-scheduled services "	-	-	-	-	-	53,052	53,052
Totals "	599,895	792,249	333,318	266,196	1,991,658	3,237,029	5,228,687
Ratio of regular miles flown to miles scheduled	99.7	95.7	99.7	100.0	98.1	99.2	98.8
Revenue passengers carried No.	...	...	...	...	123,556	265,908	389,464
Revenue cargo carried lb.	...	...	...	...	3,080,463	4,173,895	7,254,358
Revenue mail carried ..... "	...	...	...	...	382,849	2,679,182	3,062,031
Revenue passenger-miles No.	33,457,796	58,141,150	16,384,036	15,182,115	123,165,097	175,209,134	298,374,231
Available seat-miles on scheduled services "	50,124,053	104,303,136	44,959,102	33,655,403	233,041,694	281,179,679	514,221,373
Passenger load factor on scheduled services ...	66.7	55.7	36.4	45.1	52.9	61.8	57.8
Revenue goods ton-miles:							
Express No.	62,154	-	-	-	62,154	329,810	391,964
Freight "	294,357	1,003,176	282,518	373,348	1,953,399	2,164,042	4,117,441
Excess baggage "	16,610	29,437	21,540	9,868	77,455	115,035	192,490
Mail "	40,609	168,036	54,848	96,571	360,064	987,413	1,347,477
Totals "	413,730	1,200,649	358,906	479,787	2,453,072	3,596,300	6,049,372
Available ton-miles on scheduled services "	6,251,203	15,139,131	6,187,721	4,414,711	31,992,766	38,404,508	70,397,274
Weight load factor on scheduled services(1) ...	60.1	46.3	32.3	45.3	46.2	54.6	50.8

(1) Standard passenger weight used: 200 pounds.

TABLE 7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service

October 1963

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	3,434	59,416	32,009	559,691
Recreational flying	1,259	27,201	11,341	259,533
Aerial photography and survey	416	75,101	3,941	633,996
Aerial photography (excluding survey)	88	7,489	1,494	190,396
Aerial pest control	18	2,700	2,500	379,693
Aerial advertising	3	225	69	5,639
Aerial patrol and inspection	1,005	62,046	12,459	1,112,162
Aircraft rental	13	229	373	8,700
Aerial fish cultivation	3	295	3	295
Geophysical survey	541	79,069	7,999	832,681
Non-transportation charter	118	20,683	1,169	155,560
Other specialty flying	97	4,385	1,467	288,140
Total specialty flying	6,995	338,839	74,824	4,426,486

TABLE 8. Statistical Summary of Canadian Carriers Operating Helicopters only, Groups I to IV

October 1963

	Month	Year to date
Revenue hours flown	No. 3,777	46,012
Average number of aircraft	" 121	116
Average number of employees:		
Flying personnel	" 159	157
Other personnel	" 89	104
Totals	" 248	261
Salaries and wages paid:		
Flying personnel	\$ 105,878	1,084,452
Other personnel	\$ 52,696	572,258
Totals	\$ 158,574	1,656,710
Operating revenues:		
Bulk transportation	\$ 432,262	4,621,659
Other flying services	\$ 28,871	496,973
Non-flying services	\$ 23,131	142,134
Totals	\$ 484,264	5,260,766
Operating expenses:		
Flying operations	\$ 193,180	1,919,377
Maintenance	\$ 171,077	1,540,153
General services and administration .	\$ 44,598	464,508
Depreciation and amortization	\$ 93,709	606,985
Totals	\$ 502,564	4,531,023
Operating income (loss)	\$ Dr. 18,300	729,743
Net income (deficit) after income taxes	\$ Dr. 38,281	818,326

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

October 1967

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	80,981	76,024	157,005	14,936	19,430	34,366
Bulk transportation "	195	391	586	2,025	4,773	6,798
Totals "	81,176	76,415	157,591	16,961	24,203	41,164
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	500,735	2,266,299	2,767,034	528,443	1,446,019	1,974,462
Bulk transportation "	-	-	-	50,176	-	50,176
Totals "	500,735	2,266,299	2,767,034	578,619	1,446,019	2,024,638
Mail carried (unit toll transportation) "	125,681	239,852	365,533	109,922	125,978	235,900
All other areas			Totals			
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	4,598	4,008	8,606	100,515	99,462	199,977
Bulk transportation "	516	651	1,167	2,736	5,815	8,551
Totals "	5,114	4,659	9,773	103,251	105,277	208,528
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	169,740	101,994	271,734	1,198,918	3,814,312	5,013,230
Bulk transportation "	-	-	-	50,176	-	50,176
Totals "	169,740	101,994	271,734	1,249,094	3,814,312	5,063,406
Mail carried (unit toll transportation) "	15,776	21,362	37,138	251,379	387,192	638,571
Total by Canadian carriers			Total by Foreign carriers			
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation No.	59,508	60,359	119,867	41,007	39,103	80,110
Bulk transportation "	1,749	3,427	5,176	987	2,388	3,375
Totals "	61,257	63,786	125,043	41,994	41,491	83,485
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	725,012	2,133,699	2,858,711	473,906	1,680,613	2,154,519
Bulk transportation "	-	-	-	50,176	-	50,176
Totals "	725,012	2,133,699	2,858,711	524,082	1,680,613	2,204,695
Mail carried (unit toll transportation) "	162,430	190,749	353,179	88,949	196,443	285,392

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

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(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).
Bulk Transportation:	<ul style="list-style-type: none">(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).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus one major transport carrier: Nordair Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.

Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.
Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five 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.

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