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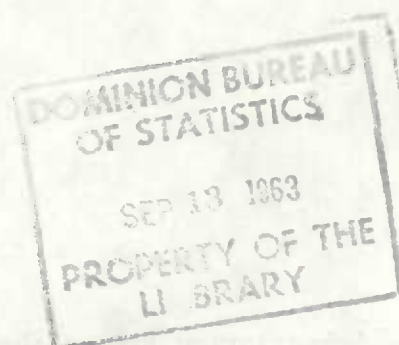


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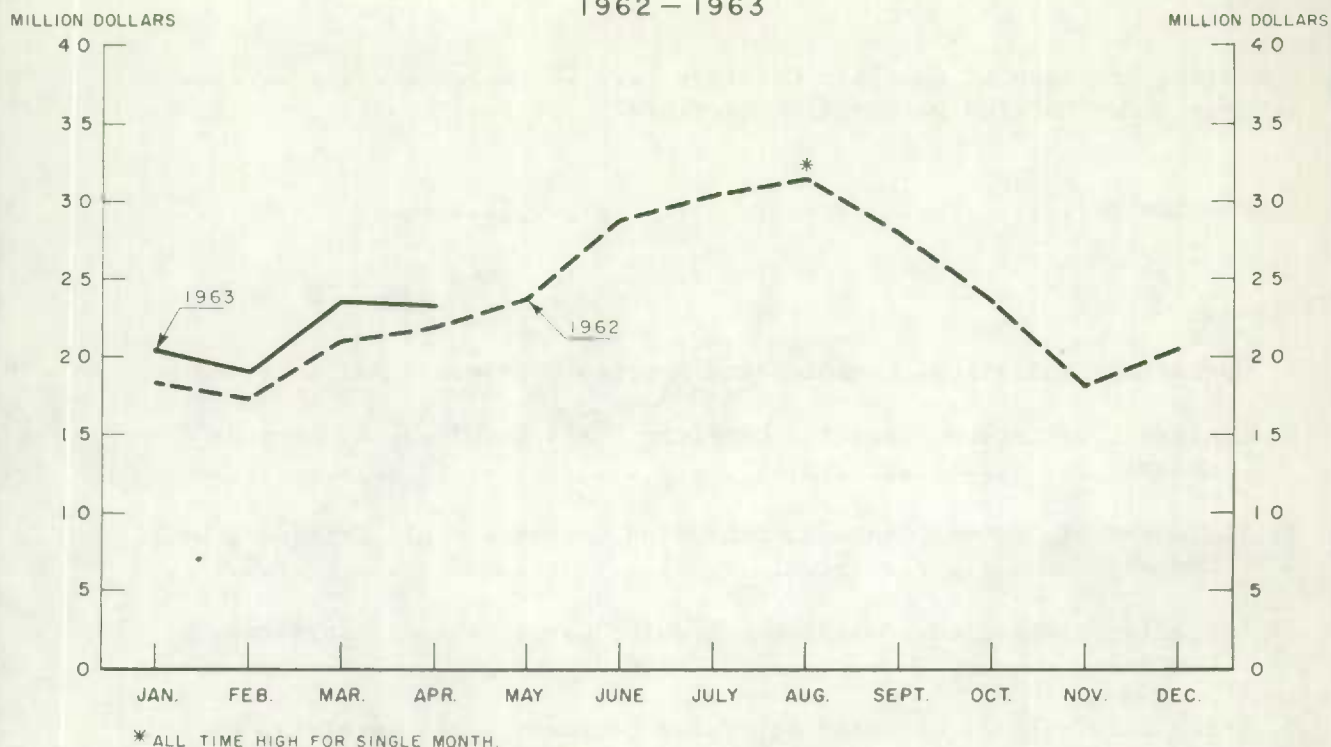
## SYMBOLS

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

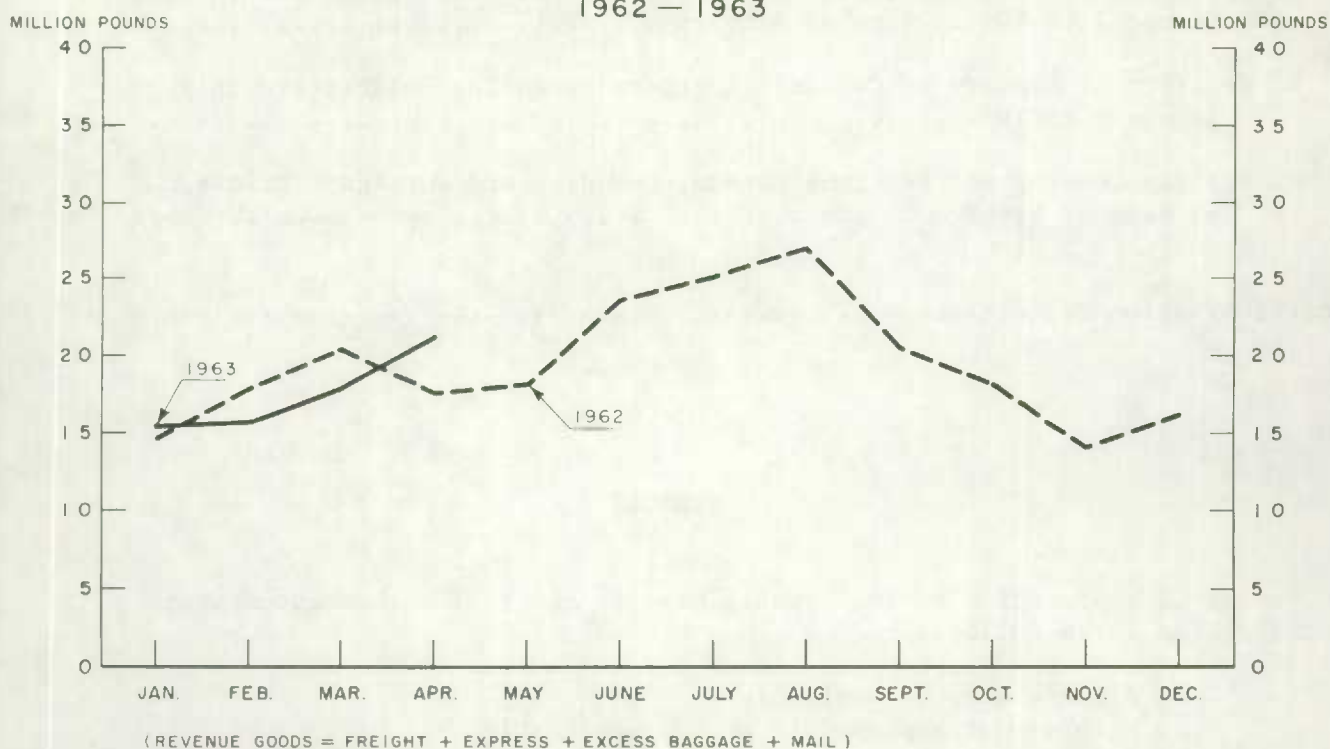
# OPERATING REVENUE OF CANADIAN CARRIERS

1962 - 1963



# REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1962 - 1963





## 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. and Eastern Provincial Airways Ltd. which are classified as Group II carriers by the Air Transport Board, have 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 April operations

In April 1963, Canadian air carriers transported 0.6 per cent fewer revenue passengers, but 21 per cent more revenue goods than in April 1962. Passengers carried decreased to 418,629 from 420,948 while goods flown increased to 21,252,879 lbs. from 17,562,380 lbs. Revenue miles flown rose 4.7 per cent to 7,869,987 from 7,515,384. Both operating revenues and expenses registered increases. Revenues rose 6.6 per cent to \$23,231,206 from \$21,787,266 and expenses 3.1 per cent to \$22,985,572 from \$22,301,837. As a result there was an operating income of \$245,634 compared with an operating loss of \$514,571 in April 1962. The deficit, after provision for income taxes and other charges, amounted to \$589,783, considerably lower than the deficit of \$1,515,440 reported in April of the previous year.

For the first four months of 1963 fewer revenue passengers and less revenue freight was carried than during the same period of 1962. The number of revenue passengers decreased slightly to 1,581,587 from 1,595,655 and the volume of goods dropped 5.1 per cent to 70,967,985 lbs. from 74,769,498 lbs. The operating revenues rose 9.7 per cent to \$86,419,326 from \$78,767,112, and the operating expenses increased 4.1 per cent to \$89,877,807 from \$86,322,777.

During April, the six scheduled carriers transported 387,089 revenue passengers or 92.5 per cent of all passengers carried and 13,498,769 lbs. of revenue goods or 63.5 per cent of the total. Corresponding figures for April, 1962, are 390,592 revenue passengers or 92.8 per cent of the total carried and 11,399,860 lbs. of revenue goods or 64.9 per cent of the total. The scheduled carriers also reported operating revenues of \$20,970,692 or 90.3 per cent of the aggregate and operating expenses of \$20,514,078 or 89.2 per cent of the total. Corresponding figures for April of the previous year are 89.9 per cent and 88.8 per cent, respectively.

Foreign carriers licensed to operate in Canada transported in April, 1963, 7.7 per cent fewer revenue passengers in contrast to 1.5 per cent more revenue goods than in the same period of 1962. The number of revenue passengers carried decreased to 61,553 from 66,652, while the volume of revenue goods flown rose to 1,925,315 lbs. from 1,896,454 lbs. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

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

April 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	19	61	80	86	9	9	104	...
Transportation services:									
Unit toll:									
Revenue departures ..... No.	16,222	2,554	524	3,078	19,300	..	..	..	..
Revenue hours flown ..... "	21,135	2,872	378	3,250	24,385	299	738	25,422	99,320
Revenue miles scheduled .... "	5,265,961	...	...	...	5,265,961	73,324	295,448	5,634,733	22,465,078
Revenue miles flown:									
Scheduled services ..... "	5,418,169(4)	...	...	...	5,418,169(4)	72,708	301,810	5,792,687(4)	22,724,011(4)
Non-scheduled services ... "	297,967(4)	373,173	43,993	417,166	715,133(4)	-	-	715,133(4)	2,611,481(4)
Totals ..... "	5,716,136	373,173	43,993	417,166	6,133,302	72,708	301,810	6,507,820	25,335,492
Revenue passengers carried "	376,117	10,133	1,639	11,772	387,889	45,683	14,376	447,948	1,714,656
Revenue goods carried:									
Cargo ..... lb.	7,057,011	623,675	61,449	685,124	7,742,135	703,730	933,548	9,450,096	34,921,399
Excess baggage ..... "	56,946(5)	11,464	2,273	13,737	70,683(5)				
Mail ..... "	3,139,252	239,146	15,334	254,480	3,393,732	120,877	134,157	3,648,766	15,183,505
Totals ..... "	10,253,209	874,285	79,056	953,341	11,206,550	824,607	1,067,705	13,098,862	50,104,904
Revenue passenger-miles .... No.	271,872,814	2,575,952	101,737	2,677,689	274,550,503✓	1,910,009	10,735,756	287,196,268	1,119,010,174
Revenue goods ton-miles:									
Cargo ..... "	3,853,510	220,641	3,744	224,385	4,077,895✓	15,696	343,050	4,610,871	16,900,917
Excess baggage ..... "	169,511	4,587	132	4,719	174,230✓				
Mail ..... "	1,308,993	39,930	1,189	41,119	1,350,112✓	2,512	55,655	1,408,279	5,607,359
Totals ..... "	5,332,014	265,158	5,065	270,223	5,602,237	18,208	398,705	6,019,150	22,508,276
Bulk:									
Revenue - Departure ..... "	1,849	4,484	6,492	10,976	12,825	..	..	..	..
Hours flown ..... "	2,839	5,436	4,845	10,281	13,120✓	6	37	13,163	45,982
Miles flown ..... "	608,307	602,800	525,578	1,128,378	1,736,685	1,183	11,775	1,749,643	5,487,528
Passengers carried "	10,972	9,135	10,633	19,768	30,740	354	1,140	32,234	99,645
Freight carried .. lb.	3,245,560	5,342,266	1,458,503	6,800,769	10,046,329	-	33,003	10,079,332	28,734,395
Non-transportation services:									
Specialty flying:									
Revenue hours flown ..... No.	18	1,453	3,926	5,379	5,397✓	-	-	5,397	18,583

See footnotes at end of table.

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

April 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					
Total - All services:									
Traffic, hours and miles:(6)									
Revenue:									
Departures .....	No.	18,071	7,038	7,016	14,054	32,125	..	..	..
Hours flown .....	"	23,992	9,761	9,149	18,910	42,902	305	775	43,982
Miles flown .....	"	6,324,443	975,973	569,571	1,545,544	7,869,987	73,891	313,585	8,257,463
Passengers carried .....	"	387,089	19,268	12,272	31,540	418,629	46,037	15,516	480,182
Cargo carried .....	lb.	10,302,571	5,965,941	1,519,952	7,485,893	17,788,464	703,730(7)	966,551(7)	19,529,428(7)
Goods carried .....	"	13,498,769	6,216,551	1,537,559	7,754,110	21,252,879	824,607	1,100,708	23,178,194
Non-revenue:									
Hours flown .....	No.	969	653	509	1,162	2,131	1	-	2,132
Passengers carried .....	"	..	422	4	426	..	782	845	..
Goods carried .....	lb.	..	27,676	-	27,676	..	17,412	33,003	..
Passenger-miles .....	No.	18,551,075	221,523	488	222,011	18,773,086	35,751	648,152	19,456,989
Goods ton-miles .....	"	600,060	16,006	-	16,006	616,066	226	25,011	641,303
Fuel consumed:									
Turbo fuel - Quantity .....	gal.	14,844,349	-	8,488	8,488	14,852,837✓	52,046	2,151,729	17,056,612
Cost .....	\$	2,128,366	-	2,508	2,508	2,130,874	10,526	329,869	2,471,269
Gasoline - Quantity .....	gal.	880,176	568,641	133,823	702,464	1,582,640✓	39,069	145,704	1,767,413
Cost .....	\$	292,179	223,827	54,948	278,775	570,954	10,619	31,913	613,486
Oil consumed:									
Turbo aircraft - Quantity ..	gal.	4,182	-	2	2	4,184✓	5	92	4,281
Cost .....	\$	36,207	-	30	30	36,237	30	846	37,113
Other aircraft - Quantity ..	gal.	11,052	7,940	1,871	9,811	20,863✓	318	1,117	22,298
Cost .....	\$	11,569	9,487	2,605	12,092	23,661	220	927	24,808
Average number of employees:									
Flying personnel .....	No.	2,078	359	227	586	2,664	..	..	..
Other personnel .....	"	13,347	862	462	1,324	14,671	..	..	..
Totals .....	"	15,425	1,221	689	1,910	17,335	227	746	18,308
Salaries and wages paid:									
Flying personnel .....	\$	1,577,755	249,008	116,313	365,321	1,943,076	..	..	..
Other personnel .....	\$	6,378,857	370,957	180,969	551,926	6,930,783	..	..	..
Totals .....	\$	7,956,612	619,965	297,282	917,247	8,873,859	110,215	323,132	9,307,206
									36,204,425

(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 service not entirely accurate as some carriers operate the two types of service 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

April 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 .....	16,183,313	627,689	16,811,002	293,439	18,294	311,733	17,122,735	65,979,135
Express .....	277,294	44,111	321,405	9,311	1,558	10,869	332,274	1,303,443
Freight .....	922,755	158,068	1,080,823	99,746	6,861	106,607	1,187,430	4,168,758
Excess baggage .....	101,406	12,622	114,028	5,831	286	6,117	120,145	463,090
Mail .....	1,101,133	87,896	1,189,029	109,785	5,410	115,195	1,304,224	5,182,674
Total unit toll transportation ..	18,585,901	930,386	19,516,287	518,112	32,409	550,521	20,066,808	77,097,100
Bulk transportation .....	725,016	436,828	1,161,844	786,802	384,980	1,171,782	2,333,626	6,753,331
Total transportation .....	19,310,917	1,367,214	20,678,131	1,304,914	417,389	1,722,303	22,400,434	83,850,431
Other flying services .....	5,863	-	5,863	142,929	88,333	231,262	237,125	916,365
Total flying services .....	19,316,780	1,367,214	20,683,994	1,447,843	505,722	1,953,565	22,637,559	84,766,796
Non-flying services .....	258,874	27,824	286,698	114,717	192,232	306,949	593,647	1,652,530
Total operating revenues .....	19,575,654	1,395,038	20,970,692	1,562,560	697,954	2,260,514	23,231,206	86,419,326
Operating expenses:								
Flying operations .....	4,729,203	483,157	5,212,360	773,697	238,273	1,011,970	6,224,330	23,554,872
Maintenance .....	3,864,608	361,046	4,225,654	469,740	240,225	709,965	4,935,619	20,001,307
General services and administration:								
Passenger service .....	1,519,846	35,651	1,555,497	..	..	..	..	..
Aircraft and traffic servicing ....	2,805,660	192,881	2,998,541	..	..	..	..	..
Promotion and sales .....	3,151,393	98,045	3,249,438	..	..	..	..	..
General administration .....	767,222	109,749	876,971	..	..	..	..	..
Totals .....	8,244,121	436,326	8,680,447	354,231	130,693	484,924	9,165,371	36,095,715
Depreciation and amortization .....	2,282,390	113,227	2,395,617	183,711	80,924	264,635	2,660,252	10,225,913
Total operating expenses .....	19,120,322	1,393,756	20,514,078	1,781,379	690,115	2,471,494	22,985,572	89,877,807
Operating income (loss) .....	455,332	1,282	456,614	Dr. 218,819	7,839	Dr. 210,980	245,634	Dr. 3,458,481
Non-operating income - Net:								
Capital gains and losses .....	-	Dr. 8,472	Dr. 8,472	81,044	244	81,288	72,816	230,399
Interest and discounts .....	104,047	1,531	105,578	Dr. 391	756	365	105,943	439,883
Miscellaneous non-operating income ..	48,339	Dr. 588	47,751	Dr. 5,129	931	Dr. 4,198	43,553	74,665
Income before interest expense .....	607,718	Dr. 6,247	601,471	Dr. 143,295	9,770	Dr. 133,525	467,946	Dr. 2,713,534
Interest expense .....	975,482	41,680	1,017,162	23,379	14,882	38,261	1,055,423	4,200,298
Income before income taxes .....	Dr. 367,764	Dr. 47,927	Dr. 415,691	Dr. 166,674	Dr. 5,112	Dr. 171,786	Dr. 587,477	Dr. 6,913,832
Provision for income taxes .....	-	145	145	761	1,400	2,161	2,306	13,704
Net income after income taxes .....	Dr. 367,764	Dr. 48,072	Dr. 415,836	Dr. 167,435	Dr. 6,512	Dr. 173,947	Dr. 589,783	Dr. 6,927,536

(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

April 1963

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers .....	3,452,139	72,706	172,722	226,122	156,139	12,731,174	16,811,002	64,931,997
Express .....	18,051	-	8,034	34,873	1,204	259,243	321,405	1,259,161
Freight .....	225,078	81,705	54,419	-	21,944	697,677	1,080,823	3,869,831
Excess baggage .....	30,119	1,020	4,506	5,629	1,467	71,287	114,028	442,593
Mail .....	199,102	21,418	42,673	3,102	20,703	902,031	1,189,029	4,711,921
Total unit toll transportation ..	3,924,489	176,849	282,354	269,726	201,457	14,661,412	19,516,287	75,215,503
Bulk transportation .....	172,531	13,755	188,498	2,190	232,385	552,485	1,161,844	2,690,362
Total transportation .....	4,097,020	190,604	470,852	271,916	433,842	15,213,897	20,678,131	77,905,865
Other flying services .....	-	-	-	-	-	5,863	5,863	8,272
Total flying services .....	4,097,020	190,604	470,852	271,916	433,842	15,219,760	20,683,994	77,914,137
Non-flying services .....	28,884	14,252	9,515	1,914	2,143	229,990	286,698	963,120
Total operating revenues .....	4,125,904	204,856	480,367	273,830	435,985	15,449,750	20,970,692	78,877,257
Operating expenses:								
Flying operations .....	1,539,556	71,520	179,638	79,741	152,258	3,189,647	5,212,360	20,142,637
Maintenance .....	752,093	55,568	101,289	69,858	134,331	3,112,515	4,225,654	17,455,096
General services and administrations:								
Passenger service .....	415,516	6,383	10,252	3,330	15,686	1,104,330	1,555,497	5,948,651
Aircraft and traffic servicing ....	504,817	36,987	107,049	26,555	22,290	2,300,843	2,998,541	11,994,589
Promotion and sales .....	780,212	8,361	13,481	46,536	29,667	2,371,181	3,249,438	12,547,747
General administration .....	153,158	21,545	31,918	28,909	27,377	614,064	876,971	3,724,636
Totals .....	1,853,703	73,276	162,700	105,330	95,020	6,390,418	8,680,447	34,215,623
Depreciation and amortization .....	186,284	25,974	32,741	31,156	23,356	2,096,106	2,395,617	9,221,867
Total operating expenses .....	4,331,636	226,338	476,368	286,085	404,965	14,788,686	20,514,078	81,035,223
Operating income (loss) .....	Dr. 205,732	Dr. 21,482	3,999	Dr. 12,255	31,020	661,064	456,614	Dr. 2,157,966
Non-operating income - Net:								
Capital gains and losses .....	-	Dr. 7,902	-	-	Dr. 570	-	Dr. 8,472	77,650
Interest and discounts .....	42,041	1,490	-	41	-	62,006	105,578	429,916
Miscellaneous non-operating income ..	8,403	102	77	Dr. 441	Dr. 326	39,936	47,751	83,373
Income before interest expense .....	Dr. 155,288	Dr. 27,792	4,076	Dr. 12,655	30,124	763,006	601,471	Dr. 1,567,027
Interest expense .....	-	5,744	13,825	13,829	8,282	975,482	1,017,162	4,022,976
Income before income taxes .....	Dr. 155,288	Dr. 33,536	Dr. 9,749	Dr. 26,484	21,842	Dr. 212,476	Dr. 415,691	Dr. 5,590,003
Provision for income taxes .....	-	145	-	-	-	-	145	145
Net income after income taxes .....	Dr. 155,288	Dr. 33,681	Dr. 9,749	Dr. 26,484	21,842	Dr. 212,476	Dr. 415,836	Dr. 5,590,148

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

April 1963

	Group I carriers			Group II carriers					Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)		
Transportation services:										
Unit toll:										
Revenue departures .....	No.	1,840	10,958	12,798	573	916	981	954	3,424	16,222
Revenue hours flown .....	"	3,582	14,228	17,810	549	883	790	1,103	3,325	21,135
Revenue miles scheduled .....	"	1,178,301	3,815,793	4,994,094	25,962	119,817	63,388	62,700	271,867	5,265,961
Revenue miles flown:										
Scheduled services - Regular .....	"	1,155,571	3,732,707	4,888,278	22,463	113,818	63,251	60,884	260,416	5,148,694
Extra section .....	"	8,871	253,611	262,482	1,557	3,039	2,397	-	6,993	269,475
Non-scheduled services .....	"	50,389	-	50,389	65,079	14,975	76,807	90,717	247,578	297,967
Totals .....	"	1,214,831	3,986,318	5,201,149	89,099	131,832	142,455	151,601	514,987	5,716,136
Ratio of regular miles flown to miles scheduled .....		98.1	97.8	97.9	86.5	95.0	99.8	97.1	95.8	97.8
Revenue passengers carried .....	No.	35,839	316,077	351,916	4,083	7,159	7,960	4,999	24,201	376,117
Revenue goods carried:										
Express .....	lb.	80,181	709,483	789,664	-	19,241	142,955	10,010	172,206	961,870
Freight .....	"	492,878	4,428,736	4,921,614	594,621	435,663	-	143,243	1,173,527	6,095,141
Excess baggage .....	"	..	..	..	8,721	13,859	26,874	7,492	56,946	56,946(2)
Mail .....	"	176,922	2,592,098	2,769,020	117,448	156,603	25,252	70,929	370,232	3,139,252
Totals .....	"	749,981	7,730,317	8,480,298	720,790	625,366	195,081	231,674	1,772,911	10,253,209
Revenue passenger-miles:										
Scheduled services .....	No.	59,168,155	204,441,751	263,609,906	315,637	1,960,457	1,179,212	509,406	3,964,712	267,574,618
Non-scheduled services .....	"	1,167,122	-	1,167,122	409,521	49,332	1,464,344	1,207,877	3,131,074	4,298,196
Totals .....	"	60,335,277	204,441,751	264,777,028	725,158	2,009,789	2,643,556	1,717,283	7,095,786	271,872,814
Available seat-miles on scheduled services .....	"	134,605,337	362,246,810	496,852,147	922,800	4,880,054	2,203,240	1,403,613	9,409,707	506,261,854
Passenger load factor on scheduled services .....		44.0	56.4	53.1	34.2	40.2	53.5	36.3	42.1	52.9
Revenue goods ton-miles:										
Express - Scheduled services .....	No.	20,686	267,259	287,945	-	5,423	14,494	826	20,743	308,688
Non-scheduled services .....	"	868	-	868	-	-	16,843	1,014	17,857	18,725
Totals .....	"	21,554	267,259	288,813	-	5,423	31,337	1,840	38,600	327,413
Freight - Scheduled services .....	"	618,284	2,629,203	3,247,487	4,493	118,663	-	2,255	125,411	3,372,898
Non-scheduled services .....	"	1,654	-	1,654	129,110	1,284	-	21,151	151,545	153,199
Totals .....	"	619,938	2,629,203	3,249,141	133,603	119,947	-	23,406	276,956	3,526,097

See footnotes at end of table.

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

April 1963

	Group I carriers			Group II carriers					Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	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.	34,260	124,357	158,617	251	2,352	2,260	288	5,151	163,768	
Non-scheduled services .....	"	"	"	"	"	"	"	"	"	
services .....	111	-	111	666	27	3,663	1,276	5,632	5,743	
Totals .....	34,371	124,357	158,728	917	2,379	5,923	1,564	10,783	169,511	
Mail - Scheduled services .....	151,545	1,088,787	1,240,332	3,916	39,053	335	2,373	45,677	1,286,009	
Non-scheduled services .....	"	"	"	"	"	"	"	"	"	
services .....	3,797	-	3,797	9,291	120	2,700	7,076	19,187	22,984	
Totals .....	155,342	1,088,787	1,244,129	13,207	39,173	3,035	9,449	64,864	1,308,993	
Total - Scheduled services .....	824,775	4,109,606	4,934,381	8,660	165,491	17,089	5,742	196,982	5,131,363	
Non-scheduled services .....	"	"	"	"	"	"	"	"	"	
services .....	6,430	-	6,430	139,067	1,431	23,206	30,517	194,221	200,651	
Totals .....	831,205	4,109,606	4,940,811	147,727	166,922	40,295	36,259	391,203	5,332,014	
Available ton-miles on scheduled services .....										
Weight load factor on scheduled services(3) .....	17,472,360	49,621,703	67,094,063	106,988	685,182	218,018	148,492	1,158,680	68,252,743	
38.6	49.5	46.6	37.6	52.8	61.9	38.2	51.2	46.7		
Bulk:										
Revenue - Departures .....	No.	44	145	189	93	1,295	5	267	1,660	1,849
Hours flown .....	"	227	525	752	69	1,310	8	700	2,087	2,839
Miles flown .....	"	73,965	234,120	308,085	9,905	161,729	1,491	127,097	300,222	608,307
Passengers carried .....	"	1,579	6,610	8,189	78	2,077	28	600	2,783	10,972
Freight carried .....	lb.	-	-	-	514,315	1,988,074	12,150	731,021	3,245,560	3,245,560
Non-transportation services:										
Specialty flying:										
Revenue hours flown .....	No.	-	18	18	-	-	-	-	-	18
Total - All services:										
Traffic, hours and miles: (4)										
Revenue:										
Departures .....	No.	1,884	11,103	12,987	666	2,211	986	1,221	5,084	18,071
Hours flown .....	"	3,809	14,771	18,580	618	2,193	798	1,803	5,412	23,992
Miles flown .....	"	1,288,796	4,220,438	5,509,234	99,004	293,561	143,946	278,698	815,209	6,324,443
Passengers carried .....	"	37,418	322,687	360,105	4,161	9,236	7,988	5,599	26,984	387,089
Cargo carried .....	lb.	573,059	5,138,219	5,711,278	1,108,936	2,442,978	155,105	884,274	4,591,293	10,302,571
Goods carried .....	"	749,981	7,730,317	8,480,298	1,235,105	2,613,440	207,231	962,695	5,018,471	13,498,769

See footnotes at end of table.



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

April 1963

	Group I carriers			Group II carriers					Grand total	
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	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.	173	429	602	13	144	38	172	367	969
Passengers carried .....	"	1,862	..	..	162	228	177	118	685	..
Goods carried .....	lb.	140,354	..	..	12,536	41,697	-	27,674	81,907	..
Passenger-miles .....	No.	4,104,932	14,274,376	18,379,308	31,329	19,164	63,800	57,474	171,767	18,551,075
Goods ton-miles .....	"	191,389	385,409	576,798	2,821	12,230	-	8,211	23,262	600,060
Fuel consumed:										
Turbo fuel - Quantity .....	gal.	3,195,588	11,463,003	14,658,591	49,386	-	136,372	-	185,758	14,844,349
Cost .....	\$	561,778	1,530,432	2,092,210	10,742	-	25,414	-	36,156	2,128,366
Gasoline - Quantity .....	gal.	327,711	13,666	341,377	51,897	220,547	21,823	244,532	538,799	880,176
Cost .....	\$	92,692	4,230	96,922	17,017	88,133	7,974	82,133	195,257	292,179
Oil consumed:										
Turbo aircraft - Quantity ..	gal.	344	3,130	3,474	-	-	708	-	708	4,182
Cost .....	\$	2,659	33,027	35,686	-	-	521	-	521	36,207
Other aircraft - Quantity ..	gal.	3,967	177	4,144	524	2,374	683	3,327	6,908	11,052
Cost .....	\$	3,993	163	4,156	579	2,967	540	3,327	7,413	11,569
Average number of employees:										
Flying personnel .....	No.	452	1,425	1,877	24	71	35	71	201	2,078
Other personnel .....	"	2,208	10,171	12,379	120	340	244	264	968	13,347
Totals .....	"	2,660	11,596	14,256	144	411	279	335	1,169	15,425
Salaries and wages paid:										
Flying personnel .....	\$	378,634	1,056,691	1,435,325	16,728	59,043	24,118	42,541	142,430	1,577,755
Other personnel .....	\$	958,249	5,044,113	6,002,362	44,966	140,232	93,540	97,757	376,495	6,378,857
Totals .....	\$	1,336,883	6,100,804	7,437,687	61,694	199,275	117,658	140,298	518,925	7,956,612

(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.

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

April 1963

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated ..... No.	29,691	3,692	6,566	7,960	4,557	273,752	326,218
Domestic interline ..... "	2,682	391	-	-	-	42,325	48,650
Foreign interline ..... "	3,252	-	-	-	-	-	-
Totals(2) ..... "	35,625	4,083	6,566	7,960	4,557	316,077	374,868
Revenue express carried:							
Originated ..... lb.	80,181	-	19,241	142,955	10,010	709,483	961,870
Domestic interline ..... "	-	-	-	-	-	-	-
Foreign interline ..... "	-	-	-	-	-	-	-
Totals(2) ..... "	80,181	-	19,241	142,955	10,010	709,483	961,870
Revenue freight carried:							
Originated ..... lb.	407,094	477,206	409,741	-	54,358	4,428,736	5,777,135
Domestic interline ..... "	9,020	-	-	-	-	-	9,020
Foreign interline ..... "	33,197	-	-	-	-	-	33,197
Totals(2) ..... "	449,311	477,206	409,741	-	54,358	4,428,736	5,819,352
Revenue excess baggage carried:							
Originated ..... lb.	..	8,721	13,380	26,874	7,137	..	56,112(3)
Domestic interline ..... "	..	-	-	-	-	..	-
Foreign interline ..... "	..	-	-	-	-	..	-
Totals(2) ..... "	..	8,721	13,380	26,874	7,137	..	56,112(3)
Revenue mail carried:							
Originated ..... lb.	176,922	117,448	153,924	25,252	26,695	2,592,098	3,092,339
Domestic interline ..... "	-	-	-	-	-	-	-
Foreign interline ..... "	-	-	-	-	-	-	-
Totals(2) ..... "	176,922	117,448	153,924	25,252	26,695	2,592,098	3,092,339

(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

April 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.	1,856	406	492	116	2,870	9,928	12,798
Revenue hours flown ..... "	2,689	1,464	1,398	790	6,341	11,469	17,810
Revenue miles scheduled ..... "	561,432	685,406	479,478	320,263	2,046,579	2,947,515	4,994,094
Revenue miles flown:							
Scheduled services - Regular ..... "	545,360	667,415	471,910	314,729	1,999,414	2,888,864	4,888,278
Extra sections ..... "	65,699	324	113,101	4,738	183,862	78,620	262,482
Non-scheduled services ..... "	-	-	-	-	-	50,389	50,389
Totals ..... "	611,059	667,739	585,011	319,467	2,183,276	3,017,873	5,201,149
Ratio of regular miles flown to miles scheduled	97.1	97.4	98.4	98.3	97.7	98.0	97.9
Revenue passengers carried ..... No.	...	...	...	...	124,173	227,743	351,916
Revenue cargo carried ..... lb.	...	...	...	...	2,410,435	3,300,843	5,711,278
Revenue mail carried ..... "	...	...	...	...	368,746	2,400,274	2,769,020
Revenue passenger-miles ..... No.	29,381,293	37,572,734	37,086,006	15,605,156	119,645,189	145,131,839	264,777,028
Available seat-miles on scheduled services .... "	45,553,309	88,737,128	74,278,638	37,477,760	246,046,835	250,805,312	496,852,147
Passenger load factor on scheduled services ...	64.5	42.3	49.9	41.6	48.6	57.4	53.1
Revenue goods ton-miles:							
Express ..... No.	40,681	-	-	-	40,681	248,132	288,813
Freight ..... "	226,524	805,150	241,790	223,886	1,497,350	1,751,791	3,249,141
Excess baggage ..... "	16,244	16,508	26,637	8,716	68,105	90,623	158,728
Mail ..... "	39,211	182,799	43,733	62,487	328,230	915,899	1,244,129
Totals ..... "	322,660	1,004,457	312,160	295,089	1,934,366	3,006,445	4,940,811
Available ton-miles on scheduled services ..... "	5,567,317	12,906,463	10,345,489	4,738,963	33,558,232	33,535,831	67,094,063
Weight load factor on scheduled services(1) ...	58.6	36.9	38.9	39.2	41.4	51.9	46.6

(1) Standard passenger weight used: 200 pounds.



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

April 1963

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training .....	2,776	50,614	9,182	168,838
Recreational flying .....	917	21,274	2,787	52,827
Aerial photography and survey .....	111	3,691	356	52,521
Aerial photography (excluding survey)	188	28,202	279	30,363
Aerial pest control .....	38	1,889	38	1,889
Aerial advertising .....	4	500	4	500
Aerial patrol and inspection .....	816	84,865	3,201	302,354
Aircraft rental .....	35	548	119	1,774
Aerial fish cultivation .....	-	-	-	-
Geophysical survey .....	441	34,245	2,165	226,826
Non-transportation charter .....	25	6,459	244	57,817
Other specialty flying .....	46	2,555	208 <sup>r</sup>	17,631 <sup>r</sup>
Total specialty flying .....	5,397	234,842	18,583	913,340

<sup>r</sup> Revised figures.

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

April 1963

	Month(1)	Year to date
Revenue hours flown .....	No. 1,085	4,575
Average number of aircraft .....	" 96	109
Average number of employees:		
Flying personnel .....	" 133	131
Other personnel .....	" 101	100
Totals .....	" 234	231
Salaries and wages paid:		
Flying personnel .....	\$ 82,633	318,199
Other personnel .....	\$ 56,946	203,919
Totals .....	\$ 139,579	522,118
Operating revenues:		
Bulk transportation .....	\$ 120,853	544,957
Other flying services .....	\$ 18,566	90,966
Non-flying services .....	\$ 65,204	45,432
Totals .....	\$ 204,623	681,355
Operating expenses:		
Flying operations .....	\$ 200,554	595,108
Maintenance .....	\$ 115,350	384,146
General services and administration .	\$ 46,198	166,202
Depreciation and amortization .....	\$ 38,080	190,092
Totals .....	\$ 400,182	1,335,548
Operating income (loss) .....	\$ Dr. 195,559	Dr. 654,193
Net income (deficit) after income taxes	\$ Dr. 205,710	Dr. 676,896

(1) Excludes 2 carriers operating 19 helicopters.

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

April 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation ..... No.	68,731	74,489	143,220	9,376	10,849	20,225
Bulk transportation ..... "	687	712	1,399	4,774	1,820	6,594
Totals ..... "	69,418	75,201	144,619	14,150	12,669	26,819
Revenue freight, express and excess baggage carried:						
Unit toll transportation ..... lb.	468,867	1,874,433	2,343,300	487,680	906,449	1,394,129
Bulk transportation ..... "	-	-	-	33,003	-	33,003
Totals ..... "	468,867	1,874,433	2,343,300	520,683	906,449	1,427,132
Mail carried (unit toll transportation) "	120,654	223,675	344,329	110,473	119,351	229,824
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation ..... No.	7,252	9,712	16,964	85,359	95,050	180,409
Bulk transportation ..... "	354	249	603	5,815	2,781	8,596
Totals ..... "	7,606	9,961	17,567	91,174	97,831	189,005
Revenue freight, express and excess baggage carried:						
Unit toll transportation ..... lb.	132,292	92,489	224,781	1,088,839	2,873,371	3,962,210
Bulk transportation ..... "	-	-	-	33,003	-	33,003
Totals ..... "	132,292	92,489	224,781	1,121,842	2,873,371	3,995,213
Mail carried (unit toll transportation) "	14,513	14,241	28,754	245,640	357,267	602,907
	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.	56,804	63,546	120,350	28,555	31,504	60,059
Bulk transportation ..... "	4,991	2,245	7,236	824	536	1,360
Totals ..... "	61,795	65,791	127,586	29,379	32,040	61,419
Revenue freight, express and excess baggage carried:						
Unit toll transportation ..... lb.	704,475	1,620,457	2,324,932	384,364	1,252,914	1,637,278
Bulk transportation ..... "	-	-	-	33,003	-	33,003
Totals ..... "	704,475	1,620,457	2,324,932	417,367	1,252,914	1,670,281
Mail carried (unit toll transportation) "	178,263	169,610	347,873	67,377	187,657	255,034

(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"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and</li><li>(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).</li></ul>
Bulk Transportation:	<ul style="list-style-type: none"><li>(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</li><li>(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).</li></ul>
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 two major transport carriers: Nordair Ltd., and Eastern Provincial Airways 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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