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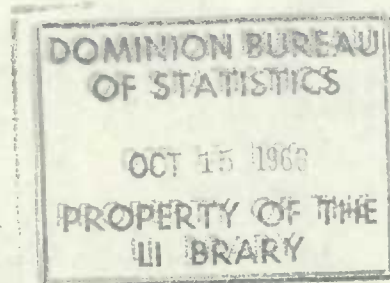


CANADA

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MAY 1963



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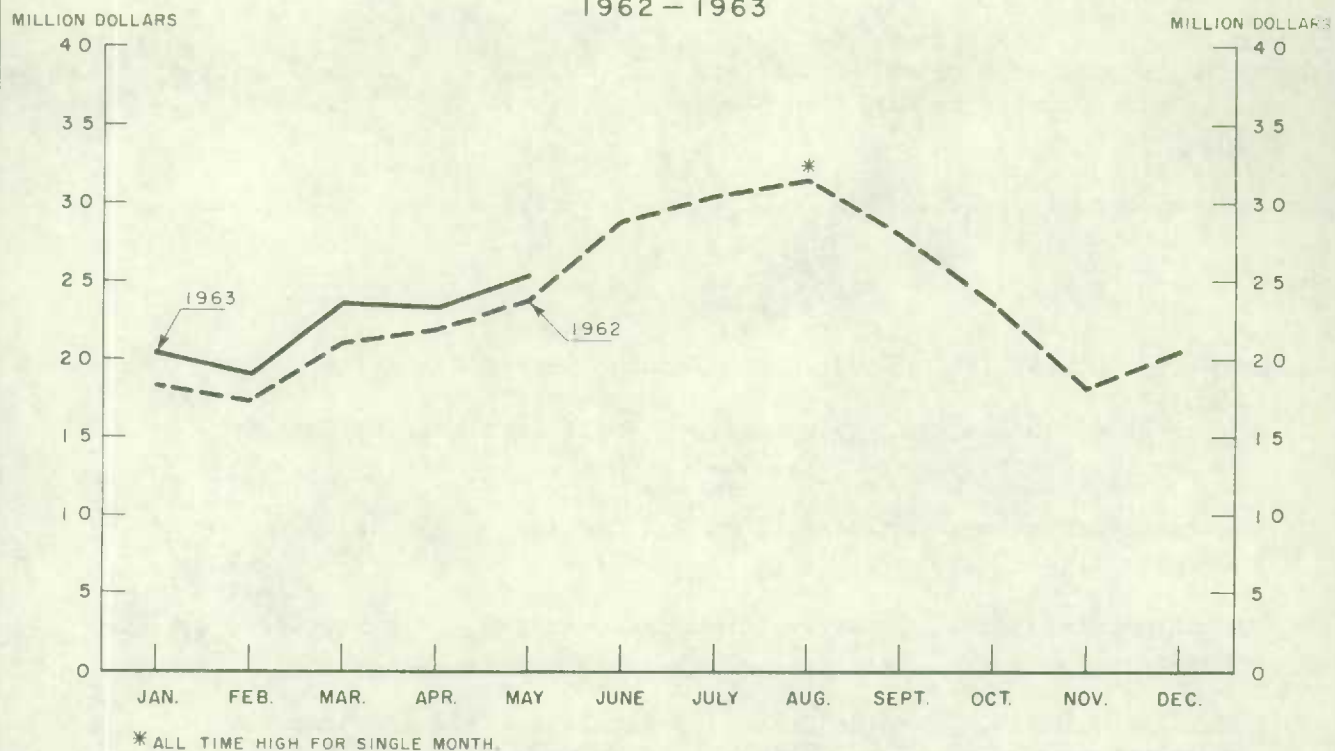
## SYMBOLS

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

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

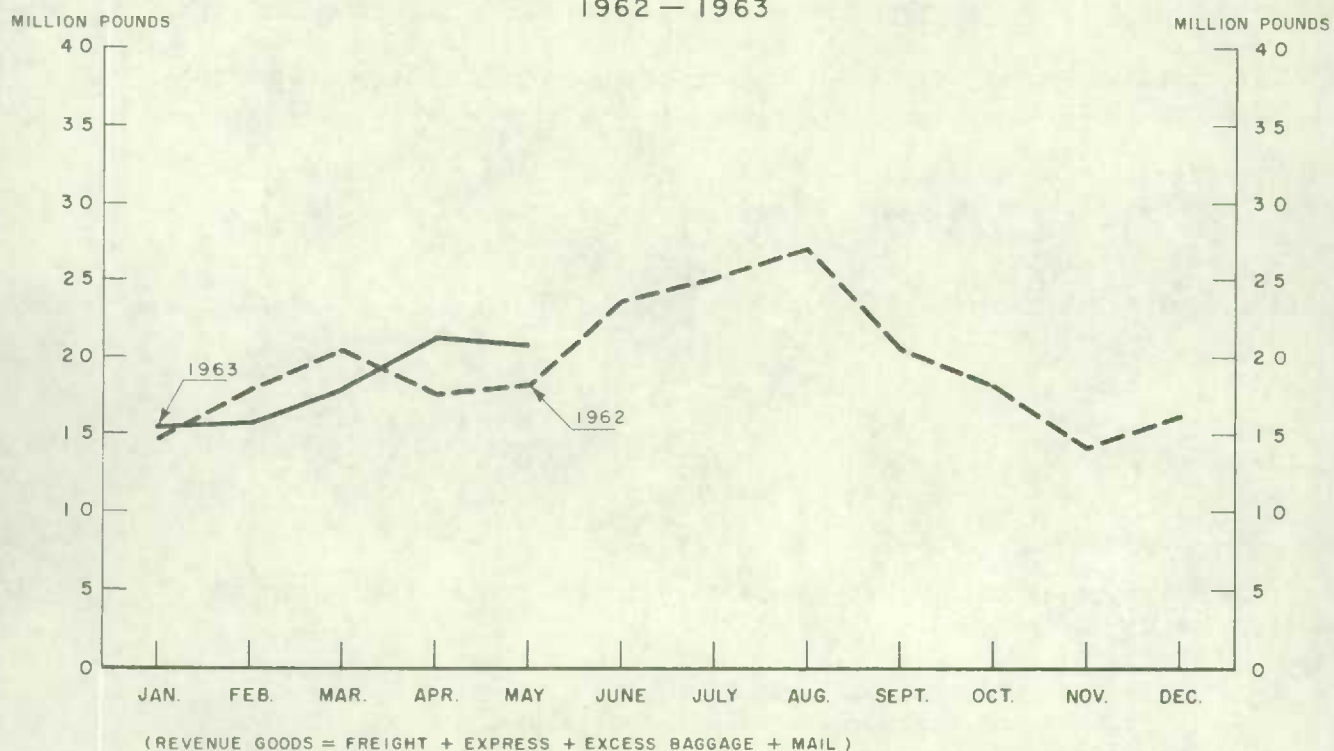
# OPERATING REVENUE OF CANADIAN CARRIERS

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 May operations

During the month of May, Canadian air carriers transported 2.7 per cent more revenue passengers and 14.2 per cent more revenue goods than in May 1962. Passengers carried increased to 458,215 from 446,107 while the revenue goods flown rose to 20,735,036 lbs. from 18,185,311 lbs. The revenue miles flown increased 5.1 per cent to 8,617,034 from 8,197,594. Both operating revenues and expenses increased, the revenues rising 7.3 per cent to \$25,433,775 from \$23,694,751 and expenses 5.0 per cent to \$24,404,177 from \$23,240,751. As a result there was an operating income of \$1,029,598 compared with \$454,000 during May of 1962, and a net income of \$55,640, after provision for income taxes compared to a net deficit of \$478,367 last year.

The number of revenue passengers carried for the first five months of 1963 remained approximately the same as the number carried in the corresponding five months in 1962 at 2,039,802. The volume of goods decreased 1.4 per cent to 91,703,021 lbs. from 93,039,136 lbs. The operating revenues for this five month period showed a 9.1 per cent increase to \$111,853,101 from \$102,539,679, and the operating expenses rose 4.3 per cent to \$114,281,984 from \$109,619,979.

The six scheduled carriers (as per Tables 3,4 and 5) during the month of May transported 408,272 revenue passengers, 89.1 per cent of the total carried and 13,748,036 lbs. of revenue goods, 66.3 per cent of the total. Corresponding figures for May 1962 are 401,199 passengers (89.9 per cent) and 11,790,333 lbs. of revenue goods (64.9 per cent). The scheduled carriers also reported operating revenues of \$22,514,362 or 88.5 per cent of the total, and operating expenses of \$21,567,739 or 88.4 per cent.

Foreign carriers licensed to operate in Canada transported 65,794 revenue passengers during May compared to 70,339 in May 1962 a drop of 6.5 per cent, and the volume of revenue goods declined 4.0 per cent, to 2,051,636 lbs. from 2,137,415 lbs. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only. Details of passengers in transit through Canada have been excluded.

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

May 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	63	83	89	9	9	107	...
Transportation services:									
Unit toll:									
Revenue departures ..... No.	17,587	2,356	368	2,724	20,311	..	..	..	..
Revenue hours flown ..... "	22,207	2,623	270	2,893	25,100	304	858	26,262	125,582
Revenue miles scheduled .... "	5,596,150	...	...	...	5,596,150	75,797	364,093	6,036,040	28,501,118
Revenue miles flown:									
Scheduled services ..... "	5,692,589(4)	...	...	...	5,692,589(4)	75,454	344,519	6,112,562(4)	28,836,573(4)
Non-scheduled services ... "	306,370(4)	357,518	35,916	393,434	699,804(4)	-	-	699,804(4)	3,311,285(4)
Totals ..... "	5,998,959	357,518	35,916	393,434	6,392,393	75,454	344,519	6,812,366	32,147,858
Revenue passengers carried "	392,235	12,005	1,454	13,459	405,694	45,225	17,033	467,952	2,182,608
Revenue goods carried:									
Cargo ..... lb.	7,969,682	537,027	28,646	565,673	8,535,355	767,854	1,029,613	10,422,497	45,343,896
Excess baggage ..... "	66,942(5)	17,562	5,171	22,733	89,675(5)	-	-	-	-
Mail ..... "	3,221,087	166,662	10,459	177,121	3,398,208	126,532	127,637	3,652,377	18,835,882
Totals ..... "	11,257,711	721,251	44,276	765,527	12,023,238	894,386	1,157,250	14,074,874	64,179,778
Revenue passenger-miles .... No.	282,198,176	2,869,055	91,165	2,960,220	285,158,396✓	1,912,593	13,754,727	300,825,716	1,419,835,890
Revenue goods ton-miles:									
Cargo ..... "	4,211,489	168,163	1,608	169,771	4,381,260✓	17,249	369,142	4,953,764	21,854,681
Excess baggage ..... "	177,613	8,361	139	8,500	186,113✓	-	-	-	-
Mail ..... "	1,369,607	36,888	981	37,869	1,407,476✓	2,551	54,194	1,464,221	7,071,580
Totals ..... "	5,758,709	213,412	2,728	216,140	5,974,849	19,800	423,336	6,417,985	28,926,261
Bulk:									
Revenue - Departure ..... "	2,625	6,711	9,642	16,353	18,978	..	..	..	..
Hours flown ..... "	3,484	8,382	7,200	15,582	19,066✓	-	56	19,122	65,104
Miles flown ..... "	732,590	723,779	768,272	1,492,051	2,224,641	-	31,797	2,256,438	7,743,966
Passengers carried ..... "	16,037	15,571	20,913	36,484	52,521	-	3,536	56,057	155,702
Freight carried .. lb.	2,490,325	4,203,603	2,017,870	6,221,473	8,711,798	-	-	8,711,798	37,446,193
Non-transportation services:									
Specialty flying:									
Revenue hours flown ..... No.	37	2,480	5,778	8,258	8,295✓	-	-	8,295	26,878

See footnotes at end of table.



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

May 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.	20,212	9,067	10,010	19,077	39,289	..	..	..	..
Hours flown ..... "	25,728	13,485	13,248	26,733	52,461	304	914	53,679	217,564
Miles flown ..... "	6,731,549	1,081,297	804,188	1,885,485	8,617,034	75,454	376,316	9,068,804	39,891,824
Passengers carried ..... "	408,272	27,576	22,367	49,943	458,215	45,225	20,569	524,009	2,338,310
Cargo carried ..... lb.	10,460,007	4,740,630	2,046,516	6,787,146	17,247,153	767,854(7)	1,029,613(7)	19,134,295(7)	82,790,089(7)
Goods carried ..... "	13,748,036	4,924,854	2,062,146	6,987,000	20,735,036	894,386	1,157,250	22,786,672	101,625,971
Non-revenue:									
Hours flown ..... No.	1,026	1,067	538	1,605	2,631	-	-	2,631	9,791
Passengers carried ..... "	..	282	1	283	..	804	1,089	..	..
Goods carried ..... lb.	..	40,184	-	40,184	..	8,908	81,250	..	..
Passenger-miles ..... No.	20,474,070	186,766	41	186,807	20,660,877	31,587	882,634	21,575,098	76,292,826
Goods ton-miles ..... "	689,217	16,361	-	16,361	705,578	168	27,509	733,255	2,954,911
Fuel consumed:									
Turbo fuel - Quantity ..... gal.	16,330,609	59,117	17,383	76,500	16,407,109✓	41,936	2,551,632	19,000,677	84,001,552
Cost ..... \$	2,379,199	14,188	4,901	19,089	2,398,288	11,626	401,302	2,811,216	12,209,656
Gasoline - Quantity ..... gal.	869,355	633,886	188,231	822,117	1,691,472✓	68,210	134,198	1,893,880	8,404,511
Cost ..... \$	301,489	261,322	80,541	341,863	643,352	15,444	28,329	687,125	2,868,023
Oil consumed:									
Turbo aircraft - Quantity .. gal.	4,573	-	-	-	4,573✓	19	112	4,704	21,145
Cost ..... \$	39,613	-	-	-	39,613	32	938	40,583	179,578
Other aircraft - Quantity .. gal.	11,887	7,331	2,401	9,732	21,619	388	1,402	23,409	103,000
Cost ..... \$	11,829	12,178	3,273	15,451	27,280	250	1,106	28,636	124,210
Average number of employees:									
Flying personnel ..... No.	2,112	438	271	709	2,821	..	..	..	..
Other personnel ..... "	13,396	895	502	1,397	14,793	..	..	..	..
Totals ..... "	15,508	1,333	773	2,106	17,614	230	750	18,594	18,319
Salaries and wages paid:									
Flying personnel ..... \$	1,629,050	295,359	146,872	442,231	2,071,281	..	..	..	..
Other personnel ..... \$	6,439,315	389,533	198,077	587,610	7,026,925	..	..	..	..
Totals ..... \$	8,068,365	684,892	344,949	1,029,841	9,098,206	113,219	341,365	9,552,790	45,757,215

(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

May 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 .....	17,123,377	749,435	17,872,812	340,201	17,835	358,036	18,230,848	84,209,983
Express .....	312,310	44,798	357,108	9,731	361	10,092	367,200	1,670,643
Freight .....	981,933	137,269	1,119,202	90,367	2,611	92,978	1,212,180	5,380,938
Excess baggage .....	97,249	15,709	112,958	9,425	280	9,705	122,663	585,753
Mail .....	1,107,194	96,074	1,203,268	87,071	3,516	90,587	1,293,855	6,476,529
Total unit toll transportation ..	19,622,063	1,043,285	20,665,348	536,795	24,603	561,398	21,226,746	98,323,846
Bulk transportation .....	940,983	475,675	1,416,658	1,178,095	557,051	1,735,146	3,151,804	9,905,135
Total transportation .....	20,563,046	1,518,960	22,082,006	1,714,890	581,654	2,296,544	24,378,550	108,228,981
Other flying services .....	9,885	-	9,885	228,094	166,870	394,964	404,849	1,321,214
Total flying services .....	20,572,931	1,518,960	22,091,891	1,942,984	748,524	2,691,508	24,783,399	109,550,195
Non-flying services .....	407,139	15,332	422,471	31,060	196,845	227,905	650,376	2,302,906
Total operating revenues .....	20,980,070	1,534,292	22,514,362	1,974,044	945,369	2,919,413	25,433,775	111,853,101
Operating expenses:								
Flying operations .....	5,107,688	543,279	5,650,967	801,106	322,431	1,123,537	6,774,504	30,329,376
Maintenance .....	4,000,355	399,144	4,399,499	636,424	253,601	890,025	5,289,524	25,290,831
General services and administration:								
Passenger service .....	1,531,290	39,733	1,571,023	..	..	..	..	..
Aircraft and traffic servicing ....	2,934,880	182,419	3,117,299	..	..	..	..	..
Promotion and sales .....	3,279,383	112,903	3,392,286	..	..	..	..	..
General administration .....	844,517	107,847	952,364	..	..	..	..	..
Totals .....	8,590,070	442,902	9,032,972	394,016	165,335	559,351	9,592,323	45,688,038
Depreciation and amortization .....	2,344,780	139,521	2,484,301	183,366	80,159	263,525	2,747,826	12,973,739
Total operating expenses .....	20,042,893	1,524,846	21,567,739	2,014,912	821,526	2,836,438	24,404,177	114,281,984
Operating income (loss) .....	937,177	9,446	946,623	Dr. 40,868	123,843	82,975	1,029,598	Dr. 2,428,883
Non-operating income - Net:								
Capital gains and losses .....	-	26,908	26,908	14,286	9,726	24,012	50,920	281,319
Interest and discounts .....	86,785	Dr. 370	86,415	7,843	Dr. 589	7,254	93,669	533,552
Miscellaneous non-operating income ..	Dr. 2,312	Dr. 897	Dr. 3,209	Dr. 3,637	Dr. 2,360	Dr. 1,277	Dr. 4,486	70,179
Income before interest expense .....	1,021,650	35,087	1,056,737	Dr. 22,376	135,340	112,964	1,169,701	Dr. 1,543,833
Interest expense .....	1,012,848	41,686	1,054,534	45,307	13,698	59,005	1,113,539	5,313,837
Income before income taxes .....	8,802	Dr. 6,599	2,203	Dr. 67,683	121,642	53,959	56,162	Dr. 6,857,670
Provision for income taxes .....	-	-	-	474	48	522	522	14,226
Net income after income taxes .....	8,802	Dr. 6,599	2,203	Dr. 68,157	121,594	53,437	55,640	Dr. 6,871,896

(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

May 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 .....	3,503,659	72,909	247,833	251,330	177,363	13,619,718	17,872,812	82,804,809
Express .....	18,823	-	8,545	34,303	1,950	293,487	357,108	1,616,269
Freight .....	240,949	52,985	60,580	-	23,704	740,984	1,119,202	4,989,033
Excess baggage .....	31,439	1,001	7,395	5,787	1,526	65,810	112,958	555,551
Mail .....	216,477	22,725	43,587	3,230	26,532	890,717	1,203,268	5,915,189
Total unit toll transportation ..	4,011,347	149,620	367,940	294,650	231,075	15,610,716	20,665,348	95,680,851
Bulk transportation .....	188,751	16,129	207,870	2,703	248,973	752,232	1,416,658	4,107,020
Total transportation .....	4,200,098	165,749	575,810	297,353	480,048	16,362,948	22,082,006	99,987,871
Other flying services .....	-	-	-	-	-	9,885	9,885	18,157
Total flying services .....	4,200,098	165,749	575,810	297,353	480,048	16,372,833	22,091,891	100,006,028
Non-flying services .....	108,057	8,108	4,294	1,918	1,012	299,082	422,471	1,385,591
Total operating revenues .....	4,308,155	173,857	580,104	299,271	481,060	16,671,915	22,514,362	101,391,619
Operating expenses:								
Flying operations .....	1,681,862	65,217	210,383	89,578	178,101	3,425,826	5,650,967	25,793,604
Maintenance .....	730,842	35,081	127,944	76,203	159,916	3,269,513	4,399,499	21,854,595
General services and administrations:								
Passenger service .....	403,512	4,191	11,423	6,522	17,597	1,127,778	1,571,023	7,519,674
Aircraft and traffic servicing ....	523,411	28,334	101,903	25,695	26,487	2,411,469	3,117,299	15,111,888
Promotion and sales .....	791,839	3,537	17,104	50,944	41,318	2,487,544	3,392,286	15,940,033
General administration .....	172,077	19,386	32,019	30,191	26,251	672,440	952,364	4,677,000
Totals .....	1,890,839	55,448	162,449	113,352	111,653	6,699,231	9,032,972	43,248,595
Depreciation and amortization .....	193,935	52,508	32,608	31,157	23,248	2,150,845	2,484,301	11,706,168
Total operating expenses .....	4,497,478	208,254	533,384	310,290	472,918	15,545,415	21,567,739	102,602,962
Operating income (loss) .....	Dr. 189,323	Dr. 34,397	46,720	Dr. 11,019	8,142	1,126,500	946,623	Dr. 1,211,343
Non-operating income - Net:								
Capital gains and losses .....	-	25,087	1,795	-	26	-	26,908	104,558
Interest and discounts .....	43,986	Dr. 430	-	23	37	42,799	86,415	516,331
Miscellaneous non-operating income ..	6,027	44	596	Dr. 1,395	Dr. 142	Dr. 8,339	Dr. 3,209	80,164
Income before interest expense .....	Dr. 139,310	Dr. 9,696	49,111	Dr. 12,391	8,063	1,160,960	1,056,737	Dr. 510,290
Interest expense .....	-	6,311	13,857	12,919	8,599	1,012,848	1,054,534	5,077,510
Income before income taxes .....	Dr. 139,310	Dr. 16,007	35,254	Dr. 25,310	Dr. 536	148,112	2,203	Dr. 5,587,800
Provision for income taxes .....	-	-	-	-	-	-	-	145
Net income after income taxes .....	Dr. 139,310	Dr. 16,007	35,254	Dr. 25,310	Dr. 536	148,112	2,203	Dr. 5,587,945

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

May 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.	1,920	11,452	13,372	665	1,090	1,247	1,213	4,215	17,587
Revenue hours flown ..... "	3,567	14,549	18,116	614	1,241	973	1,263	4,091	22,207
Revenue miles scheduled ..... "	1,156,718	4,018,767	5,175,485	27,148	174,239	114,742	104,546	420,675	5,596,150
Revenue miles flown:									
Scheduled services - Regular ..... "	1,156,718	4,002,543	5,159,261	24,756	160,318	107,198	98,564	390,836	5,550,097
Extra section ..... "	4,950	122,190	127,140	225	13,731	-	1,396	15,352	142,492
Non-scheduled services ..... "	60,977	-	60,977	79,268	12,527	71,503	82,095	245,393	306,370
Totals ..... "	1,222,645	4,124,733	5,347,378	104,249	186,576	178,701	182,055	651,581	5,998,959
Ratio of regular miles flown to miles scheduled .....	100.0	99.6	99.7	91.2	92.0	93.4	94.3	92.9	99.2
Revenue passengers carried ..... No.	37,563	326,698	364,261	3,890	9,564	8,458	6,062	27,974	392,235
Revenue goods carried:									
Express ..... lb.	84,797	791,063	875,860	-	29,904	163,752	13,737	207,393	1,083,253
Freight ..... "	498,954	4,855,530	5,354,484	846,160	543,709	-	142,076	1,531,945	6,886,429
Excess baggage ..... "	..	..	..	8,207	21,575	29,408	7,752	66,942	66,942(2)
Mail ..... "	195,918	2,615,736	2,811,654	123,162	155,064	26,657	104,550	409,433	3,221,087
Totals ..... "	779,669	8,262,329	9,041,998	977,529	750,252	219,817	268,115	2,215,713	11,257,711
Revenue passenger-miles:									
Scheduled services ..... No.	58,358,443	214,479,902	272,838,345	286,033	2,613,143	1,595,409	1,123,858	5,618,443	278,456,788
Non-scheduled services ..... "	1,196,207	-	1,196,207	441,224	33,188	1,193,636	877,133	2,545,181	3,741,388
Totals ..... "	59,554,650	214,479,902	274,034,552	727,257	2,646,331	2,789,045	2,000,991	8,163,624	282,198,176
Available seat-miles on scheduled services ..... "	138,232,959	385,703,042	523,936,001	1,086,326	7,124,358	3,648,200	2,911,515	14,770,399	538,706,400
Passenger load factor on scheduled services .....	42.2	55.6	52.1	26.3	36.7	43.7	38.6	38.0	51.7
Revenue goods ton-miles:									
Express - Scheduled services ..... No.	22,479	302,559	325,038	-	7,840	18,366	1,902	28,108	353,146
Non-scheduled services ..... "	703	-	703	-	-	17,377	1,182	18,559	19,262
Totals ..... "	23,182	302,559	325,741	-	7,840	35,743	3,084	46,667	372,408
Freight - Scheduled services ..... "	626,223	2,846,850	3,473,073	2,505	140,126	-	7,184	149,815	3,622,888
Non-scheduled services ..... "	1,571	-	1,571	193,637	841	-	20,144	214,622	216,193
Totals ..... "	627,794	2,846,850	3,474,644	196,142	140,967	-	27,328	364,437	3,839,081

See footnotes at end of table.

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

May 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.	36,282	128,668	164,950	205	3,676	2,925	918	7,724	172,674
Non-scheduled services .....	74	-	74	796	38	3,198	833	4,865	4,939
Totals .....	36,356	128,668	165,024	1,001	3,714	6,123	1,751	12,589	177,613
Mail - Scheduled services .....	175,321	1,121,178	1,296,499	4,122	39,417	810	5,143	49,492	1,345,991
Non-scheduled services .....	4,154	-	4,154	9,680	157	1,211	8,414	19,462	23,616
Totals .....	179,475	1,121,178	1,300,653	13,802	39,574	2,021	13,557	68,954	1,369,607
Total - Scheduled services .....	860,305	4,399,255	5,259,560	6,832	191,059	22,101	15,147	235,139	5,494,699
Non-scheduled services .....	6,502	-	6,502	204,113	1,036	21,786	30,573	257,508	264,010
Totals .....	866,807	4,399,255	5,266,062	210,945	192,095	43,887	45,720	492,647	5,758,709
Available ton-miles on scheduled services .....	18,135,613	52,771,927	70,907,540	117,463	864,178	361,875	361,526	1,705,042	72,612,582
Weight load factor on scheduled services(3) .....	36.9	49.0	45.9	30.2	52.3	50.2	35.3	46.7	45.9
Bulk:									
Revenue - Departures .....	52	170	222	40	1,940	6	417	2,403	2,625
Hours flown .....	228	660	888	57	1,683	9	847	2,596	3,484
Miles flown .....	69,914	303,834	373,748	9,417	204,225	1,876	143,324	358,842	732,590
Passengers carried .....	1,930	8,494	10,424	728	3,872	70	943	5,613	16,037
Freight carried .....	-	15,120	15,120	80,593	1,439,967	-	954,645	2,475,205	2,490,325
Non-transportation services:									
Specialty flying:									
Revenue hours flown .....	-	37	37	-	-	-	-	-	37
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures .....	1,972	11,622	13,594	705	3,030	1,253	1,630	6,618	20,212
Hours flown .....	3,795	15,246	19,041	671	2,924	982	2,110	6,687	25,728
Miles flown .....	1,292,559	4,428,567	5,721,126	113,666	390,801	180,577	325,379	1,010,423	6,731,549
Passengers carried .....	39,493	335,192	374,685	4,618	13,436	8,528	7,005	33,587	408,272
Cargo carried .....	583,751	5,661,713	6,245,464	926,753	2,013,580	163,752	1,110,458	4,214,543	10,460,007
Goods carried .....	779,669	8,277,449	9,057,118	1,058,122	2,190,219	219,817	1,222,760	4,690,918	13,748,036

See footnotes at end of table.



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

May 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. 284	367	651	19	247	17	92	375	1,026
Passengers carried .....	" 2,703	..	..	203	314	185	170	872	..
Goods carried ..	lb. 139,456	..	..	31,202	33,031	-	34,948	99,181	..
Passenger-miles .....	No. 6,814,116	13,389,694	20,203,810	38,161	105,662	57,114	69,323	270,260	20,474,070
Goods ton-miles .....	" 205,913	464,536	670,449	4,949	8,833	-	4,986	18,768	689,217
Fuel consumed:									
Turbo fuel - Quantity .....	gal. 3,775,864	12,335,189	16,111,053	66,157	-	153,399	-	219,556	16,330,609
Cost .....	\$ 659,319	1,672,400	2,331,719	13,376	-	34,104	-	47,480	2,379,199
Gasoline - Quantity .....	gal. 355,627	274	355,901	48,685	205,857	12,647	246,265	513,454	869,355
Cost .....	\$ 91,491	103	91,594	15,116	101,379	6,372	87,028	209,895	301,489
Oil consumed:									
Turbo aircraft - Quantity ..	gal. 436	3,484	3,920	-	-	653	-	653	4,573
Cost .....	\$ 2,993	35,976	38,969	-	-	644	-	644	39,613
Other aircraft - Quantity ..	gal. 4,410	-	4,410	618	2,776	775	3,308	7,477	11,887
Cost .....	\$ 3,964	-	3,964	650	3,470	437	3,308	7,865	11,829
Average number of employees:									
Flying personnel .....	No. 487	1,411	1,898	25	77	35	77	214	2,112
Other personnel .....	" 2,184	10,245	12,429	126	328	245	268	967	13,396
Totals .....	" 2,671	11,656	14,327	151	405	280	345	1,181	15,508
Salaries and wages paid:									
Flying personnel .....	\$ 400,971	1,075,773	1,476,744	17,480	64,998	25,247	44,581	152,306	1,629,050
Other personnel .....	\$ 925,646	5,110,377	6,036,023	45,803	157,948	94,784	104,757	403,292	6,439,315
Totals .....	\$ 1,326,617	6,186,150	7,512,767	63,283	222,946	120,031	149,338	555,598	8,068,365

(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

May 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. 30,546	3,582	9,258	8,458	5,620	277,444	334,908
Domestic interline .....	" 2,610	308	-	-	-	49,254	56,007
Foreign interline .....	" 3,835	-	-	-	-	-	-
Totals(2) .....	" 36,991	3,890	9,258	8,458	5,620	326,698	390,915
Revenue express carried:							
Originated .....	lb. 84,797	-	29,904	163,752	13,737	791,063	1,083,253
Domestic interline .....	" -	-	-	-	-	-	-
Foreign interline .....	" -	-	-	-	-	-	-
Totals(2) .....	" 84,797	-	29,904	163,752	13,737	791,063	1,083,253
Revenue freight carried:							
Originated .....	lb. 416,545	607,901	534,735	-	82,593	4,855,530	6,497,304
Domestic interline .....	" 10,417	-	-	-	-	-	10,417
Foreign interline .....	" 28,104	-	-	-	-	-	28,104
Totals(2) .....	" 455,066	607,901	534,735	-	82,593	4,855,530	6,535,825
Revenue excess baggage carried:							
Originated .....	lb. ..	8,207	20,919	29,408	7,582	..	66,116(3)
Domestic interline .....	" ..	-	-	-	-	..	-
Foreign interline .....	" ..	-	-	-	-	..	-
Totals(2) .....	" ..	8,207	20,919	29,408	7,582	..	66,116(3)
Revenue mail carried:							
Originated .....	lb. 195,918	123,162	153,850	26,657	37,192	2,615,736	3,152,515
Domestic interline .....	" -	-	-	-	-	-	-
Foreign interline .....	" -	-	-	-	-	-	-
Totals(2) .....	" 195,918	123,162	153,850	26,657	37,192	2,615,736	3,152,515

(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

May 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. 1,871	511	310	76	2,768	10,604	13,372
Revenue hours flown .....	" 2,558	1,995	809	471	5,833	12,283	18,116
Revenue miles scheduled .....	" 560,570	903,331	353,010	206,506	2,023,417	3,152,068	5,175,485
Revenue miles flown:							
Scheduled services - Regular .....	" 556,959	903,331	353,010	206,506	2,019,806	3,139,455	5,159,261
Extra sections .....	" 37,853	9,905	-	-	47,758	79,382	127,140
Non-scheduled services .....	" -	-	-	-	-	60,977	60,977
Totals .....	" 594,812	913,236	353,010	206,506	2,067,564	3,279,814	5,347,378
Ratio of regular miles flown to miles scheduled	99.4	100.0	100.0	100.0	99.8	99.6	99.7
Revenue passengers carried .....	No. ...	...	...	...	114,547	249,714	364,261
Revenue cargo carried .....	lb. ...	...	...	...	2,716,039	3,514,305	6,230,344
Revenue mail carried .....	.. ...	...	...	...	399,472	2,412,182	2,811,654
Revenue passenger-miles .....	No. 30,468,635	51,988,186	18,818,205	10,585,833	111,860,859	162,173,693	274,034,552
Available seat-miles on scheduled services ....	" 49,157,767	120,979,754	46,245,590	25,880,542	242,263,653	281,672,348	523,936,001
Passenger load factor on scheduled services ...	62.0	43.0	40.7	40.9	46.2	57.6	52.3
Revenue goods ton-miles:							
Express .....	No. 48,365	-	-	-	48,365	277,376	325,741
Freight .....	" 282,094	907,340	205,804	234,136	1,629,374	1,845,270	3,474,644
Excess baggage .....	" 13,843	21,841	21,961	7,488	65,133	99,891	165,024
Mail .....	" 42,958	197,690	48,928	79,701	369,277	931,376	1,300,653
Totals .....	" 387,260	1,126,871	276,693	321,325	2,112,149	3,153,913	5,266,062
Available ton-miles on scheduled services ....	" 6,193,218	17,059,071	6,484,961	3,371,867	33,109,117	37,798,423	70,907,540
Weight load factor on scheduled services(1) ...	55.4	37.1	33.3	40.9	40.2	50.9	45.9

(1) Standard passenger weight used: 200 pounds.



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

May 1963

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training .....	3,443	57,840	12,625	226,678
Recreational flying .....	1,321	32,463	4,108	85,290
Aerial photography and survey .....	713	92,288	1,069	144,809
Aerial photography (excluding survey)	76	3,664	355	34,027
Aerial pest control .....	138	11,243	176	13,132
Aerial advertising .....	8	760	12	1,260
Aerial patrol and inspection .....	1,548	137,708	4,749	440,062
Aircraft Rental .....	80	3,421	199	5,195
Aerial fish cultivation .....	-	-	-	-
Geophysical survey .....	840	69,727	3,005	296,553
Non-transportation charter .....	20	Dr. 2,801	264	55,016
Other specialty flying .....	108	9,151	316	26,782
Total specialty flying .....	8,295	415,464	26,878	1,328,804

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

May 1963

	Month	Year to date
Revenue hours flown .....	No. 3,502	8,077
Average number of aircraft .....	" 111	109
Average number of employees:		
Flying personnel .....	" 166	138
Other personnel .....	" 96	99
Totals .....	" 262	237
Salaries and wages paid:		
Flying personnel .....	\$ 114,422	432,621
Other personnel .....	\$ 53,451	257,370
Totals .....	\$ 167,873	689,991
Operating revenues:		
Bulk transportation .....	\$ 369,185	914,142
Other flying services .....	\$ 52,706	143,672
Non-flying services .....	\$ 5,203	50,635
Totals .....	\$ 427,094	1,108,449
Operating expenses:		
Flying operations .....	\$ 152,839	747,947
Maintenance .....	\$ 177,525	561,671
General services and administration .	\$ 78,831	245,033
Depreciation and amortization .....	\$ 49,363	239,455
Totals .....	\$ 458,558	1,794,106
Operating income (loss) .....	\$ Dr. 31,464	Dr. 685,657
Net income (deficit) after income taxes	\$ Dr. 34,646	Dr. 711,542

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)  
May 1943

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation ..... No.	66,261	71,290	137,551	12,503	14,469	26,972
Bulk transportation ..... "	388	323	711	5,714	5,357	11,071
Totals ..... "	66,649	71,613	138,262	18,217	19,826	38,043
Revenue freight, express and excess baggage carried:						
Unit toll transportation ..... lb.	671,488	2,007,656	2,679,144	533,099	1,002,182	1,535,281
Bulk transportation ..... "	15,120	-	15,120	-	-	-
Totals ..... "	686,608	2,007,656	2,694,264	533,099	1,002,182	1,535,281
Mail carried (unit toll transportation) "	123,652	240,757	364,409	107,547	125,670	233,217
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation ..... No.	3,669	5,354	9,023	82,433	91,113	173,546
Bulk transportation ..... "	107	238	345	6,209	5,918	12,127
Totals ..... "	3,776	5,592	9,368	88,642	97,031	185,673
Revenue freight, express and excess baggage carried:						
Unit toll transportation ..... lb.	158,056	71,563	229,619	1,362,643	3,081,401	4,444,044
Bulk transportation ..... "	-	-	-	15,120	-	15,120
Totals ..... "	158,056	71,563	229,619	1,377,763	3,081,401	4,459,164
Mail carried (unit toll transportation) "	14,065	18,115	32,180	245,264	384,542	629,806
	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.	52,602	58,686	111,288	29,831	32,427	62,258
Bulk transportation ..... "	1,383	2,153	3,536	4,535	4,056	8,591
Totals ..... "	53,985	60,839	114,824	34,366	36,483	70,849
Revenue freight, express and excess baggage carried:						
Unit toll transportation ..... lb.	951,651	1,694,926	2,646,577	410,992	1,386,475	1,797,467
Bulk transportation ..... "	-	-	-	15,120	-	15,120
Totals ..... "	951,651	1,694,926	2,646,577	426,112	1,386,475	1,812,587
Mail carried (unit toll transportation) "	176,136	199,501	375,637	69,128	185,041	254,169

(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>(1) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and</li><li>(11) 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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