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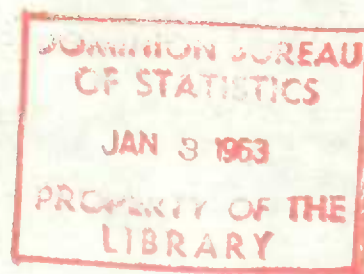
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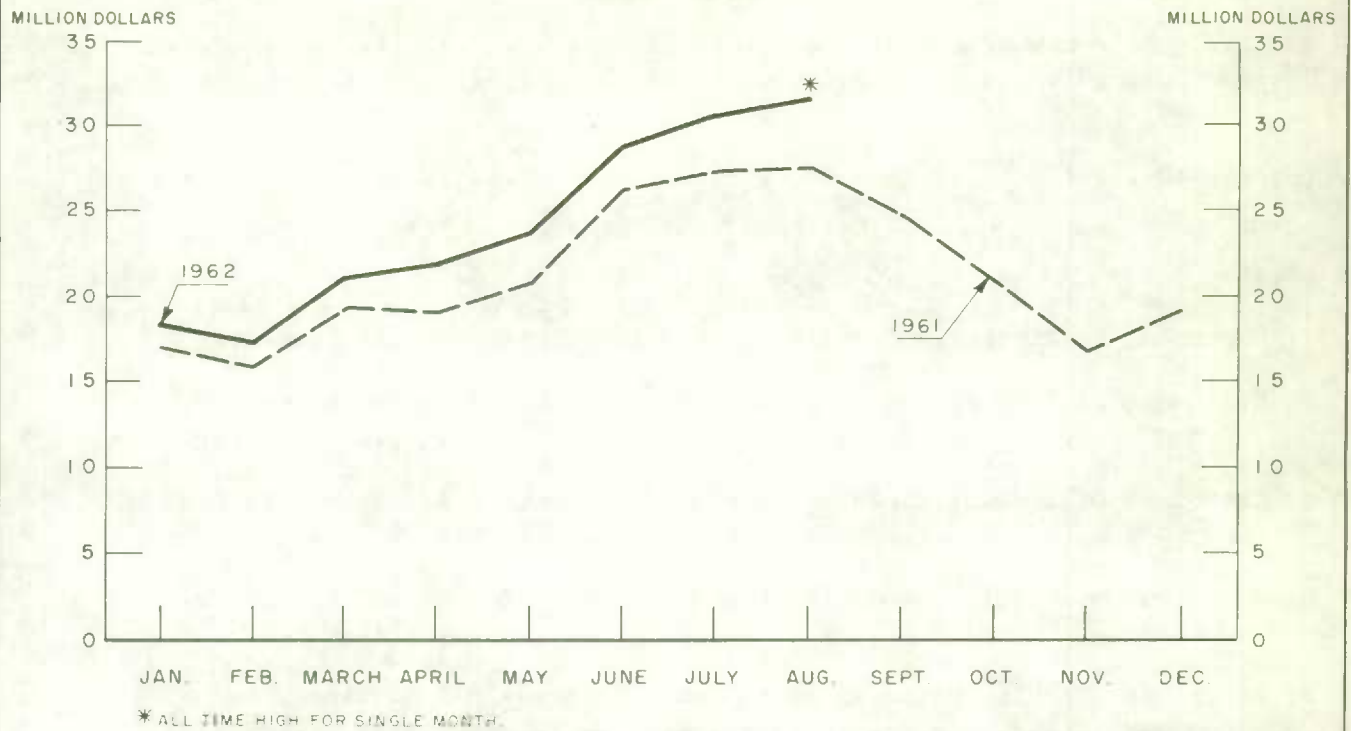
SYMBOLS

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.

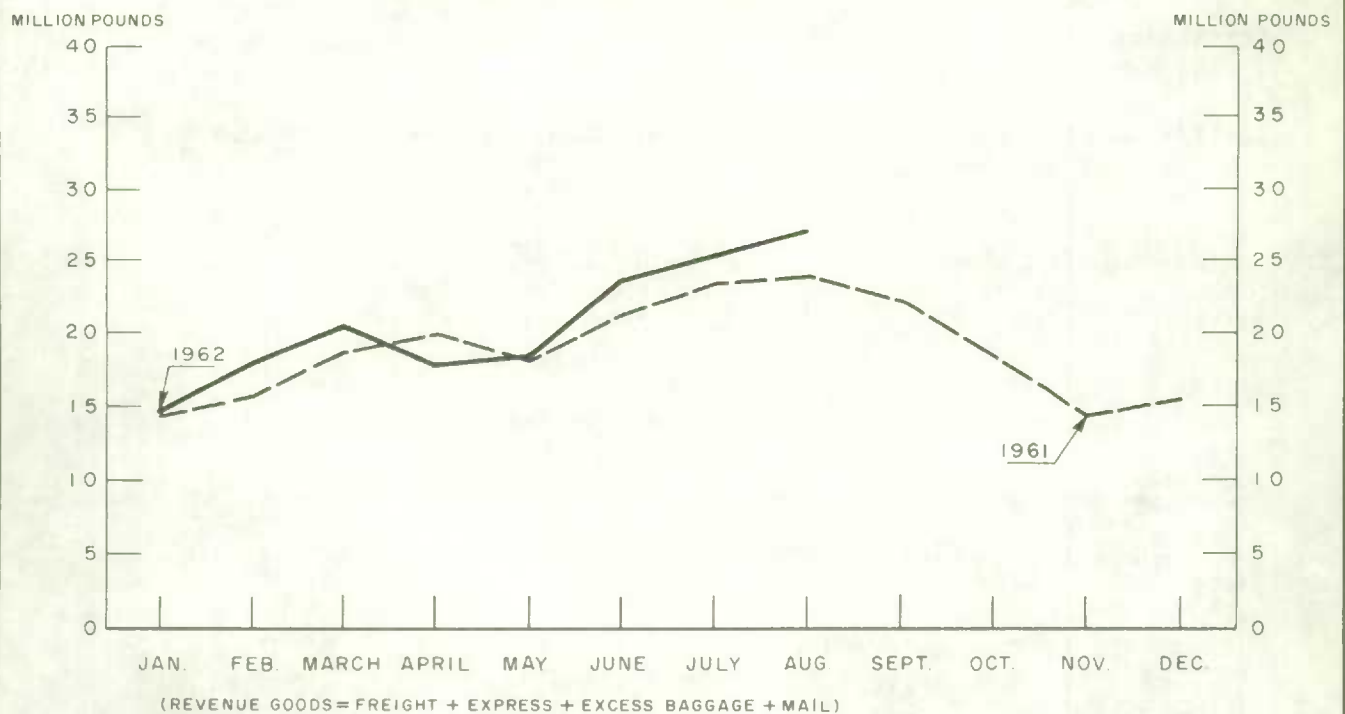
OPERATING REVENUE OF CANADIAN CARRIERS

1961-1962



REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1961-1962



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 three Canadian carriers operating international unit toll services: Canadian Pacific Airlines, Transair Ltd. and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

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 now includes the operations of both Canadian and Foreign carriers.

Review of August operations

In August 1962, there was a significant increase in both the number of revenue passengers and volume of revenue goods transported by Canadian carriers as compared with the same month of 1961. Passengers carried rose 5.8 per cent to 532,687 from 503,680 and goods flown increased 12.7 per cent to 27,013,365 lbs. from 23,959,531 lbs. Revenue miles flown were up 5.2 per cent to 10,805,216 from 10,269,119. For the second consecutive month operating revenues reached an all time high, increasing 14.7 per cent to \$31,490,158 from \$27,462,828. During the same period, operating expenses rose 8.1 per cent to \$25,426,230 from \$23,526,700. Consequently, the operating income rose to \$6,063,928 from \$3,936,128 and the net income, after provision for income taxes and other charges, climbed to \$5,063,779 from \$2,870,345.

During the eight month period, January to August, both the revenue passengers and revenue goods handled registered substantial increases over the corresponding period of 1961. The number of revenue passengers carried increased 10.9 per cent to 3,620,073 from 3,264,463 and the volume of goods flown increased 11 per cent to 170,955,517 lbs. from 153,956,273 lbs. Operating revenues increased 12 per cent in the eight month period, to \$193,965,695 from \$173,198,373, more than offsetting an increase of 7.6 per cent in operating expenses which rose to \$185,779,621 from \$172,717,923.

In August, the six scheduled carriers transported 457,216 revenue passengers or 85.8 per cent of the total number carried and 11,734,687 lbs. of revenue goods or 43.4 per cent of the total. In August of last year, 86.5 per cent of the revenue passengers and 45.3 per cent of the revenue goods were transported by the scheduled carriers. These carriers also accounted for 83.8 per cent of the operating revenues and 85.7 per cent of the operating expenses in August 1962. Corresponding figures for the previous August are 82.1 per cent and 85.6 per cent respectively.

Table 8 shows data for companies flying helicopters only. The companies operate approximately 70 per cent of all commercial helicopters in Canada. In August 1962, they flew a total of 10,276 revenue hours, an increase of 1.5 per cent over the 10,123 revenue hours flown in August 1961.

Foreign carriers licensed to operate in Canada transported 78,187 revenue passengers in August 1962, as compared with 90,723 in the same month of 1961, a decrease of 13.8 per cent. In contrast the volume of revenue goods flown rose slightly to 1,772,811 lbs. from 1,740,929 lbs. an increase of 1.8 per cent. 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

August 1962

	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	22	56	78	84	9	9	102	...
Transportation services:									
Unit toll:									
Revenue departures No.	19,666	3,447	642	4,089	23,755	..	..	..	..
Revenue hours flown "	25,634	3,437	442	3,879	29,513	384	1,279	31,176	225,716
Revenue miles scheduled "	6,213,972	...	...	...	6,213,972	92,536	498,086	6,804,594	48,180,734
Revenue miles flown:									
Scheduled services "	6,356,038(4)	...	...	...	6,356,038(4)	92,295	495,757	6,944,090(4)	49,033,365(4)
Non-scheduled services ... "	388,072(4)	451,562	58,936	510,498	898,570(4)	-	-	898,570(4)	6,523,324(4)
Totals "	6,744,110	451,562	58,936	510,498	7,254,608	92,295	495,757	7,842,660	55,556,689
Revenue passengers carried "	442,445	17,322	2,905	20,227	462,672	44,482	30,388	537,542	3,814,219
Revenue goods carried:									
Cargo lb.	7,268,314	967,437	95,670	1,063,107	8,331,421)				
Excess baggage "	104,505(5)	26,490	16,132	42,622	147,127(5))	544,666	987,263	10,010,477	76,330,329
Mail "	2,849,736	76,991	6,761	83,752	2,933,488	105,952	134,930	3,174,370	27,016,195
Totals "	10,222,555	1,070,918	118,563	1,189,481	11,412,036	650,618	1,122,193	13,184,847	103,346,524
Revenue passenger-miles No.	360,156,442	4,218,595	245,335	4,463,930	364,620,372✓	2,311,168	25,667,752	392,599,292	2,516,899,982
Revenue goods ton-miles:									
Cargo "	3,383,422	243,020	1,851	244,871	3,628,293✓)				
Excess baggage "	170,469	11,041	869	11,910	182,379✓)	17,098	379,262	4,207,032	33,400,357
Mail "	1,149,635	24,483	511	24,994	1,174,629✓	2,240	57,719	1,234,588	10,092,801
Totals "	4,703,526	278,544	3,231	281,775	4,985,301	19,338	436,981	5,441,620	43,493,158
Bulk:									
Revenue - Departure "	3,447	14,027	16,213	30,240	33,687	..	..	..	..
Hours flown "	4,200	20,305	13,321	33,626	37,826✓	-	122	37,948	173,336
Miles flown "	714,945	1,542,754	1,292,909	2,835,663	3,550,608	-	35,320	3,585,928	17,350,358
Passengers carried "	14,771	26,555	28,689	55,244	70,015	-	3,317	73,332	361,282
Freight carried .. lb.	1,512,132	10,895,515	3,193,682	14,089,197	15,601,329	-	-	15,601,329	79,963,154
Non-transportation services:									
Specialty flying:									
Revenue hours flown No.	10	3,054	7,846	10,900	10,910✓	-	-	10,910	60,763

See footnotes at end of table.

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

August 1962

	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.	23,113	17,474	16,855	34,329	57,442	..	..	..
Hours flown	"	29,844	26,796	21,609	48,405	78,249	384	1,401	80,034
Miles flown	"	7,459,055	1,994,316	1,351,845	3,346,161	10,805,216	92,295	531,077	11,428,588
Passengers carried	"	457,216	43,877	31,594	75,471	532,687	44,482	33,705	610,874
Cargo carried	lb.	8,780,446	11,862,952	3,289,352	15,152,304	23,932,750	544,666(7)	987,263(7)	25,611,806(7)
Goods carried	"	11,734,687	11,966,433	3,312,245	15,278,678	27,013,365	650,618	1,122,193	28,786,176
Non-revenue:									
Hours flown	No.	431	908	688	1,596	2,027	2	17	2,046
Passengers carried	"	..	566	22	588	..	847	1,136	..
Goods carried	lb.	..	96,635	-	96,635	..	5,107	100,609	..
Passenger-miles	No.	20,120,234	307,369	790	308,159	20,428,393	75,971	798,878	21,303,242
Goods ton-miles	"	545,680	40,924	-	40,924	586,604	435	33,758	620,797
Fuel consumed:									
Turbo fuel - Quantity	gal.	16,540,212	40,220	-	40,220	16,580,432	227,194	3,238,352	20,045,978
Cost	\$	2,436,887	7,067	-	7,067	2,443,954	42,494	490,132	2,976,580
Gasoline - Quantity	gal.	971,680	1,079,299	328,309	1,407,608	2,379,288	44,975	277,644	2,701,907
Cost	\$	331,939	414,316	138,531	552,847	884,786	11,750	68,115	964,651
Oil consumed:									
Turbo aircraft - Quantity ..	gal.	6,848	-	-	-	6,848	11	125	6,984
Cost	\$	45,592	-	-	-	45,592	68	1,023	46,683
Other aircraft - Quantity ..	gal.	11,307	12,834	5,593	18,427	29,734	435	3,267	33,436
Cost	\$	11,986	19,917	7,947	27,864	39,850	338	2,297	42,485
Average number of employees:									
Flying personnel	No.	2,245	600	308	908	3,153	..	..	..
Other personnel	"	13,810	956	537	1,493	15,303	..	..	..
Totals	"	16,055	1,556	845	2,401	18,456	212	793	19,461
Salaries and wages paid:									
Flying personnel	\$	1,747,692	443,290	193,282	636,572	2,384,264	..	..	..
Other personnel	\$	6,243,933	422,579	205,211	627,790	6,871,723	..	..	..
Totals	\$	7,991,625	865,869	398,493	1,264,362	9,255,987	105,216	327,757	9,688,960
									73,579,190

(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

August 1962

	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	21,060,753	1,026,773	22,087,526	464,016	42,309	506,325	22,593,851	142,860,067
Express	318,507	51,262	369,769	12,597	1,122	13,719	383,488	2,756,765
Freight	716,927	181,739	898,666	127,152	6,102	133,254	1,031,920	7,994,301
Excess baggage	111,908	23,995	135,903	12,681	1,222	13,903	149,806	1,038,027
Mail	994,880	84,373	1,079,253	29,773	3,722	33,495	1,112,748	9,305,006
Total unit toll transportation ..	23,202,975	1,368,142	24,571,117	646,219	54,477	700,696	25,271,813	163,954,166
Bulk transportation	904,861	494,528	1,399,389	2,273,613	1,003,555	3,277,168	4,676,557	22,001,606
Total transportation	24,107,836	1,862,670	25,970,506	2,919,832	1,058,032	3,977,864	29,948,370	185,955,772
Other flying services	2,532	-	2,532	541,758	374,273	916,031	918,563	3,886,407
Total flying services	24,110,368	1,862,670	25,973,038	3,461,590	1,432,305	4,893,895	30,866,933	189,842,179
Non-flying services	359,303	42,498	401,801	97,307	124,117	221,424	623,225	4,123,516
Total operating revenues	24,469,671	1,905,168	26,374,839	3,558,897	1,556,422	5,115,319	31,490,158	193,965,695
Operating expenses:								
Flying operations	5,252,246	554,406	5,806,652	1,323,303	494,354	1,817,657	7,624,309	52,473,840
Maintenance	4,230,143	401,128	4,631,271	701,607	226,900	928,507	5,559,778	41,411,949
General services and administration:								
Passenger service	1,651,362	47,982	1,699,344	..	..	..	..	..
Aircraft and traffic servicing	2,873,969	196,184	3,070,153	..	..	..	..	..
Promotion and sales	3,299,195	101,603	3,400,798	..	..	..	..	..
General administration	829,390	109,611	939,001	..	..	..	..	..
Totals	8,653,916	455,380	9,109,296	402,030	162,866	564,896	9,674,192	71,790,059
Depreciation and amortization	2,107,282	128,541	2,235,823	213,199	118,929	332,128	2,567,951	20,103,773
Total operating expenses	20,243,587	1,539,455	21,783,042	2,640,139	1,003,049	3,643,188	25,426,230	185,779,621
Operating income (loss)	4,226,084	365,713	4,591,797	918,758	553,373	1,472,131	6,063,928	8,186,074
Non-operating income - Net:								
Capital gains and losses	-	286	286	Dr. 298	987	689	975	Dr. 173,883
Interest and discounts	170,539	661	171,200	2,129	2,545	4,674	175,874	850,906
Miscellaneous non-operating income ..	Dr. 18,771	Dr. 33,535	Dr. 52,306	Dr. 796	3,334	2,538	Dr. 49,768	Dr. 809,027
Income before interest expense	4,377,852	333,125	4,710,977	919,793	560,239	1,480,032	6,191,009	8,054,070
Interest expense	982,973	44,425	1,027,398	55,925	21,057	76,982	1,104,380	8,450,189
Income before income taxes	3,394,879	288,700	3,683,579	863,868	539,182	1,403,050	5,086,629	Dr. 396,119
Provision for income taxes	-	-	-	18,544	4,306	22,850	22,850	56,964
Net income after income taxes	3,394,879	288,700	3,683,579	845,324	534,876	1,380,200	5,063,779	Dr. 453,083

(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

August 1962

	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	3,882,751	138,202	354,770	327,527	206,274	17,178,002	22,087,526	139,836,865
Express	20,483	-	9,158	38,273	3,831	298,024	369,769	2,628,864
Freight	193,843	74,387	70,232	-	37,120	523,084	898,666	7,192,888
Excess baggage	30,586	1,325	10,126	9,813	2,731	81,322	135,903	967,519
Mail	154,787	21,487	40,607	2,443	19,836	840,093	1,079,253	8,719,616
Total unit toll transportation ..	4,282,450	235,401	484,893	378,056	269,792	18,920,525	24,571,117	159,345,752
Bulk transportation	817,708	21,508	180,604	1,877	290,539	87,153	1,399,389	6,686,364
Total transportation	5,100,158	256,909	665,497	379,933	560,331	19,007,678	25,970,506	166,032,116
Other flying services	-	-	-	-	-	2,532	2,532	21,830
Total flying services	5,100,158	256,909	665,497	379,933	560,331	19,010,210	25,973,038	166,053,946
Non-flying services	93,735	7,901	29,585	2,191	2,821	265,568	401,801	2,323,961
Total operating revenues	5,193,893	264,810	695,082	382,124	563,152	19,275,778	26,374,839	168,377,907
Operating expenses:								
Flying operations	1,645,153	72,938	211,848	104,282	165,338	3,607,093	5,806,652	42,295,110
Maintenance	812,007	54,947	112,584	77,045	156,552	3,418,136	4,631,271	34,875,566
General services and administrations:								
Passenger service	397,316	10,385	14,798	6,407	16,392	1,254,046	1,699,344	12,171,984
Aircraft and traffic servicing	486,463	36,360	112,179	27,371	20,274	2,387,506	3,070,153	23,626,600
Promotion and sales	798,477	7,332	24,828	40,962	28,481	2,500,718	3,400,798	24,799,715
General administration	199,382	16,755	45,165	25,376	22,315	630,008	939,001	6,978,339
Totals	1,881,638	70,832	196,970	100,116	87,462	6,772,278	9,109,296	67,576,638
Depreciation and amortization	226,201	17,007	44,540	31,405	35,589	1,881,081	2,235,823	17,583,211
Total operating expenses	4,564,999	215,724	565,942	312,848	444,941	15,678,588	21,783,042	162,330,525
Operating income (loss)	628,894	49,086	129,140	69,276	118,211	3,597,190	4,591,797	6,047,382
Non-operating income - Net:								
Capital gains and losses	-	Dr. 9	414	Dr. 119	-	-	286	Dr. 375,746
Interest and discounts	66,284	591	-	-	70	104,255	171,200	824,665
Miscellaneous non-operating income ..	7,083	54	Dr. 32,869	Dr. 720	-	Dr. 25,854	Dr. 52,306	Dr. 747,101
Income before interest expense	702,261	49,722	96,685	68,437	118,281	3,675,591	4,710,977	5,749,200
Interest expense	-	5,287	12,339	16,459	10,340	982,973	1,027,398	7,912,197
Income before income taxes	702,261	44,435	84,346	51,978	107,941	2,692,618	3,683,579	Dr. 2,162,997
Provision for income taxes	-	-	-	-	-	-	-	145
Net income after income taxes	702,261	44,435	84,346	51,978	107,941	2,692,618	3,683,579	Dr. 2,163,142

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

August 1962

		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.	2,000	13,158	15,158	821	1,323	1,392	972	4,508	19,666
Revenue hours flown	"	3,610	17,637	21,247	809	1,375	1,067	1,136	4,387	25,634
Revenue miles scheduled	"	1,070,283	4,784,746	5,855,029	28,398	196,934	95,113	38,498	358,943	6,213,972
Revenue miles flown:										
Scheduled services - Regular	"	1,069,440	4,763,558	5,832,998	26,573	175,213	95,113	38,498	335,397	6,168,395
Extra section	"	17,392	147,909	165,301	4,432	14,997	-	2,913	22,342	187,643
Non-scheduled services	"	65,352	-	65,352	99,295	15,463	96,766	111,196	322,720	388,072
Totals	"	1,152,184	4,911,467	6,063,651	130,300	205,673	191,879	152,607	680,459	6,744,110
Ratio of regular miles flown to miles scheduled										
		99.9	99.6	...	93.6	89.0	100.0	100.0	...	...
Revenue passengers carried	No.	41,772	362,883	404,655	6,642	14,793	10,621	5,734	37,790	442,445
Revenue goods carried:										
Express	lb.	85,466	852,730	938,196	-	26,867	192,919	20,304	240,090	1,178,286
Freight	"	511,330	3,895,318	4,406,648	915,051	519,991	-	248,338	1,683,380	6,090,028
Excess baggage	"	-	-	-	10,719	30,852	49,135	13,799	104,505	104,505(2)
Mail	"	176,446	2,334,584	2,511,030	118,509	138,663	21,650	59,884	338,706	2,849,736
Totals	"	773,242	7,082,632	7,855,874	1,044,279	716,373	263,704	342,325	2,366,681	10,222,555
Revenue passenger-miles:										
Scheduled services	No.	67,195,864	279,944,392	347,140,256	486,782	4,114,291	1,947,516	537,908	7,086,497	354,226,753
Non-scheduled services	"	1,489,033	-	1,489,033	1,003,078	67,506	1,653,031	1,717,041	4,440,656	5,929,689
Totals	"	68,684,897	279,944,392	348,629,289	1,489,860	4,181,797	3,600,547	2,254,949	11,527,153	360,156,442
Available seat-miles on scheduled services										
	"	124,047,298	444,569,316	568,616,614	791,340	7,765,066	3,302,020	1,060,670	12,919,096	581,535,710
Passenger load factor on scheduled services										
		54.2	63.0	...	61.5	53.0	59.0	50.7	...	...
Revenue goods ton-miles:										
Express - Scheduled services	No.	23,003	307,244	330,247	-	7,185	18,300	1,283	26,768	357,015
Non-scheduled services	"	1,244	-	1,244	-	-	11,154	4,397	15,551	16,795
Totals	"	24,247	307,244	331,491	-	7,185	29,454	5,680	42,319	373,810
Freight - Scheduled services	"	596,622	2,008,337	2,604,959	1,790	140,424	-	1,484	143,698	2,748,657
Non-scheduled services	"	1,804	-	1,804	220,941	1,059	-	37,151	259,151	260,955
Totals	"	598,426	2,008,337	2,606,763	222,731	141,483	-	38,635	402,849	3,009,612

See footnotes at end of table.

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

August 1962

	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:	34,977	115,747	150,724	246	5,576	4,664	772	11,258	161,982
Excess baggage - Scheduled services No.									
Non-scheduled services	88	-	88	1,063	37	5,156	2,143	8,399	8,487
Totals	35,065	115,747	150,812	1,309	5,613	9,820	2,915	19,657	170,469
Mail - Scheduled services	82,508	971,845	1,054,353	4,264	37,380	704	1,981	44,329	1,098,682
Non-scheduled services	30,144	-	30,144	7,679	164	6,004	6,962	20,809	50,953
Totals	112,652	971,845	1,084,497	11,943	37,544	6,708	8,943	65,138	1,149,635
Total - Scheduled services	737,110	3,403,173	4,140,283	6,300	190,565	23,668	5,520	226,053	4,366,336
Non-scheduled services	33,280	-	33,280	229,683	1,260	22,314	50,653	303,910	337,190
Totals	770,390	3,403,173	4,173,563	235,983	191,825	45,982	56,173	529,963	4,703,526
Available ton-miles on scheduled services	16,298,022	59,275,466	75,573,488	95,221	1,073,028	328,647	107,923	1,604,819	77,178,307
Weight load factor on scheduled services(3)	45.8	53.0	...	57.7	56.1	66.5	55.0	...	...
Bulk:									
Revenue - Departures	151	36	187	81	2,576	4	599	3,260	3,447
Hours flown	878	79	957	119	2,086	9	1,029	3,243	4,200
Miles flown	282,912	24,316	307,228	19,071	220,221	1,379	167,046	407,717	714,945
Passengers carried	5,810	1,757	7,567	1,455	4,030	42	1,677	7,204	14,771
Freight carried	-	9,000	9,000	31,847	325,526	-	1,145,759	1,503,132	1,512,132
Non-transportation services:									
Specialty flying:									
Revenue hours flown	-	10	10	-	-	-	-	-	10
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	2,151	13,194	15,345	902	3,899	1,396	1,571	7,768	23,113
Hours flown	4,488	17,726	22,214	928	3,461	1,076	2,165	7,630	29,844
Miles flown	1,435,096	4,935,783	6,370,879	149,371	425,894	193,258	319,653	1,088,176	7,459,055
Passengers carried	47,582	364,640	412,222	8,097	18,823	10,663	7,411	44,994	457,216
Cargo carried	596,796	4,757,048	5,353,844	946,898	872,384	192,919	1,414,401	3,426,602	8,780,446
Goods carried	773,242	7,091,632	7,864,874	1,076,126	1,041,899	263,704	1,488,084	3,869,813	11,734,687

See footnotes at end of table.

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

August 1962

	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.	61	204	265	23	52	28	63	166	431
Passengers carried	"	1,450	..	..	188	253	164	199	804	..
Goods carried	lb.	138,640	..	..	14,102	41,073	-	23,679	78,854	..
Passenger-miles	No.	2,226,720	17,560,906	19,787,626	40,293	93,306	52,604	146,405	332,608	20,120,234
Goods ton-miles	"	176,171	349,355	525,526	3,505	13,121	-	3,528	20,154	545,680
Fuel consumed:										
Turbo fuel - Quantity	gal.	3,412,122	13,020,518	16,432,640	1,752	-	105,820	-	107,572	16,540,212
Cost	\$	588,035	1,812,682	2,400,717	335	-	35,835	-	36,170	2,436,887
Gasoline - Quantity	gal.	339,301	22,902	362,203	110,468	229,758	29,573	239,678	609,477	971,680
Cost	\$	100,591	7,347	107,938	34,685	89,742	10,675	88,899	224,001	331,939
Oil consumed:										
Turbo aircraft - Quantity ..	gal.	452	4,262	4,714	-	-	2,134	-	2,134	6,848
Cost	\$	3,871	41,045	44,916	-	-	676	-	676	45,592
Other aircraft - Quantity ..	gal.	3,903	358	4,261	1,457	2,829	204	2,556	7,046	11,307
Cost	\$	3,482	311	3,793	1,666	3,536	435	2,556	8,193	11,986
Average number of employees:										
Flying personnel	No.	413	1,597	2,010	33	91	45	66	235	2,245
Other personnel	"	2,141	10,624	12,765	165	370	252	258	1,045	13,810
Totals	"	2,554	12,221	14,775	198	461	297	324	1,280	16,055
Salaries and wages paid:										
Flying personnel	\$	425,363	1,152,424	1,577,787	23,474	76,317	26,579	43,535	169,905	1,747,692
Other personnel	\$	926,817	4,913,055	5,839,872	59,559	155,343	91,999	97,160	404,061	6,243,933
Totals	\$	1,352,180	6,065,479	7,417,659	83,033	231,660	118,578	140,695	573,966	7,991,625

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

August 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	No.	34,395	6,079	14,153	10,621	4,905	298,468
Domestic interline	"	2,755	563	-	-	-	368,621
Foreign interline	"	4,127	-	-	-	-	71,860
Totals(2)	"	41,277	6,642	14,153	10,621	4,905	362,883
Revenue express carried:							
Originated	lb.	85,466	-	26,867	192,919	20,304	852,730
Domestic interline	"	-	-	-	-	-	1,178,286
Foreign interline	"	-	-	-	-	-	-
Totals(2)	"	85,466	-	26,867	192,919	20,304	852,730
Revenue freight carried:							
Originated	lb.	391,382	673,634	501,180	-	65,724	3,895,318
Domestic interline	"	16,434	-	-	-	-	5,527,238
Foreign interline	"	57,078	-	-	-	-	16,434
Totals(2)	"	464,894	673,634	501,180	-	65,724	57,078
Revenue excess baggage carried:							
Originated	lb.	..	10,719	30,275	49,135	11,323	..
Domestic interline	"	..	-	-	-	-	101,452(3)
Foreign interline	"	..	-	-	-	-	-
Totals(2)	"	..	10,719	30,275	49,135	11,323	..
Revenue mail carried:							
Originated	lb.	176,446	118,509	134,006	21,650	20,698	2,334,584
Domestic interline	"	-	-	-	-	-	2,805,893
Foreign interline	"	-	-	-	-	-	-
Totals(2)	"	176,446	118,509	134,006	21,650	20,698	2,334,584

(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

August 1962

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	2,579	591	286	73	3,529	12,601	16,130
Revenue hours flown "	3,712	2,408	820	469	7,409	14,974	22,383
Revenue miles scheduled "	738,818	1,100,056	315,102	206,018	2,359,994	3,533,533	5,893,527
Revenue miles flown:							
Scheduled services - Regular "	734,464	1,100,056	315,102	206,018	2,355,640	3,515,856	5,871,496
Extra sections "	66,615	12,737	-	-	79,352	88,862	168,214
Non-scheduled services "	-	-	-	-	-	176,548	176,548
Totals "	801,079	1,112,793	315,102	206,018	2,434,992	3,781,266	6,216,258
Ratio of regular miles flown to miles scheduled	99.4	100.0	100.0	100.0	99.8	99.5	99.6
Revenue passengers carried No.	...	...	...	...	144,723	265,666	410,389
Revenue cargo carried lb.	...	...	...	...	2,329,224	3,284,262	5,613,486
Revenue mail carried ..... "	...	...	...	...	338,551	2,232,363	2,570,914
Revenue passenger-miles No.	37,638,232	77,425,575	17,387,702	11,062,728	143,514,237	207,370,001	350,884,238
Available seat-miles on scheduled services "	54,818,480	145,189,639	38,405,712	25,693,041	264,106,872	305,570,412	569,677,284
Passenger load factor on scheduled services ...	68.7	53.3	45.3	43.1	54.3	67.9	61.6
Revenue goods ton-miles:							
Express No.	50,893	-	-	-	50,893	286,278	337,171
Freight "	243,255	538,129	115,388	247,147	1,143,919	1,501,479	2,645,398
Excess baggage "	14,189	24,947	17,332	7,648	64,116	89,611	153,727
Mail "	39,999	133,753	31,889	40,381	246,022	847,418	1,093,440
Totals "	348,336	696,829	164,609	295,176	1,504,950	2,724,786	4,229,736
Available ton-miles on scheduled services "	6,720,729	19,999,140	4,875,941	3,429,541	35,025,351	40,656,060	75,681,411
Weight load factor on scheduled services(1) ...	61.2	42.2	39.0	40.9	45.3	57.5	51.8

(1) Standard passenger weight used: 200 pounds.

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

August 1962

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	3,586	58,339	23,847	411,235
Recreational flying	1,170	28,540	7,581	156,436
Aerial photography and survey	1,116	206,057	4,705	745,672
Aerial photography (excluding survey)	68	2,923	857	47,138
Aerial pest control	862	112,216	4,091	605,696
Aerial advertising	11	415	64	4,883
Aerial patrol and inspection	2,259	217,043	10,228	896,546
Philanthropic	-	-	-	-
Aerial fish cultivation	-	-	2	158
Geophysical survey	1,136	121,869	7,127	686,071
Non-transportation charter	251	17,700	700	97,949
Other specialty flying	451	112,265	1,561	267,680
Total specialty flying	10,910	877,367	60,763	3,919,464

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

August 1962

	Month	Year to date
Revenue hours flown	No. 10,276	38,366
Average number of aircraft	" 120	118
Average number of employees:		
Flying personnel	" 243	216
Other personnel	" 134	135
Totals	" 377	351
Salaries and wages paid:		
Flying personnel	\$ 173,724	1,094,719
Other personnel	\$ 83,611	606,985
Totals	\$ 257,335	1,701,704
Operating revenues:		
Bulk transportation	\$ 896,998	4,014,025
Other flying services	\$ 153,701	483,479
Non-flying services	\$ 14,617	371,673
Totals	\$ 1,065,316	4,869,177
Operating expenses:		
Flying operations	\$ 373,191	1,864,724
Maintenance	\$ 186,955	1,392,051
General services and administration .	\$ 27,246	473,653
Depreciation and amortization	\$ 99,426	750,462
Totals	\$ 686,818	4,480,890
Operating income (loss)	\$ 378,498	388,287
Net income (deficit) after income taxes \$	357,145	291,106

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

August 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	80,046	79,587	159,633	15,514	31,584	47,098
Bulk transportation "	187	237	424	2,831	6,252	9,083
Totals "	80,233	79,824	160,057	18,345	37,836	56,181
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	482,591	1,830,050	2,312,641	386,439	896,862	1,283,301
Bulk transportation "	-	-	-	-	-	-
Totals "	482,591	1,830,050	2,312,641	386,439	896,862	1,283,301
Mail carried (unit toll transportation) "	124,188	215,756	339,944	91,741	112,389	204,130
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	3,863	5,387	9,250	99,423	116,558	215,981
Bulk transportation "	-	88	88	3,018	6,577	9,595
Totals "	3,863	5,475	9,338	102,441	123,135	225,576
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	106,115	73,576	179,691	975,145	2,800,488	3,775,633
Bulk transportation "	-	-	-	-	-	-
Totals "	106,115	73,576	179,691	975,145	2,800,488	3,775,633
Mail carried (unit toll transportation)	6,712	9,283	15,995	222,641	337,428	560,069

(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 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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