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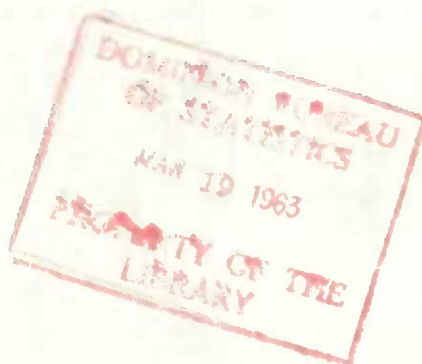


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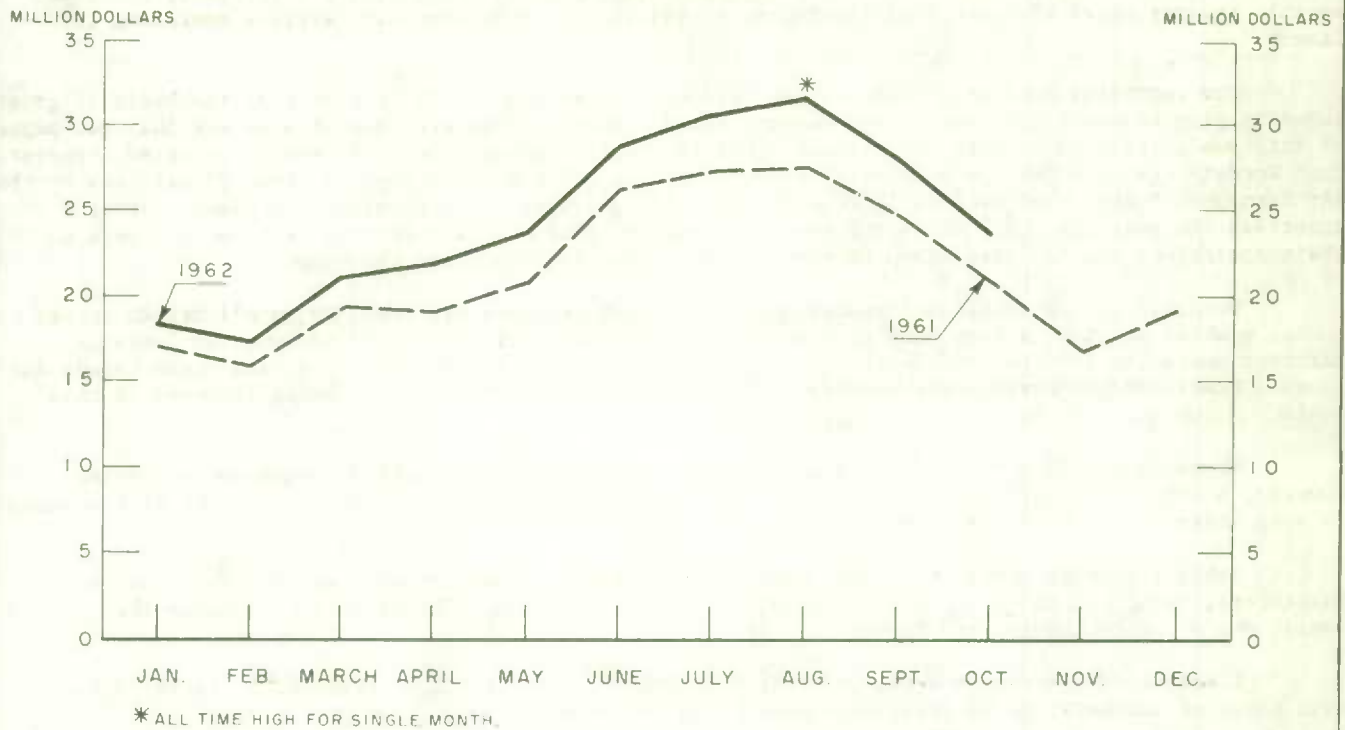
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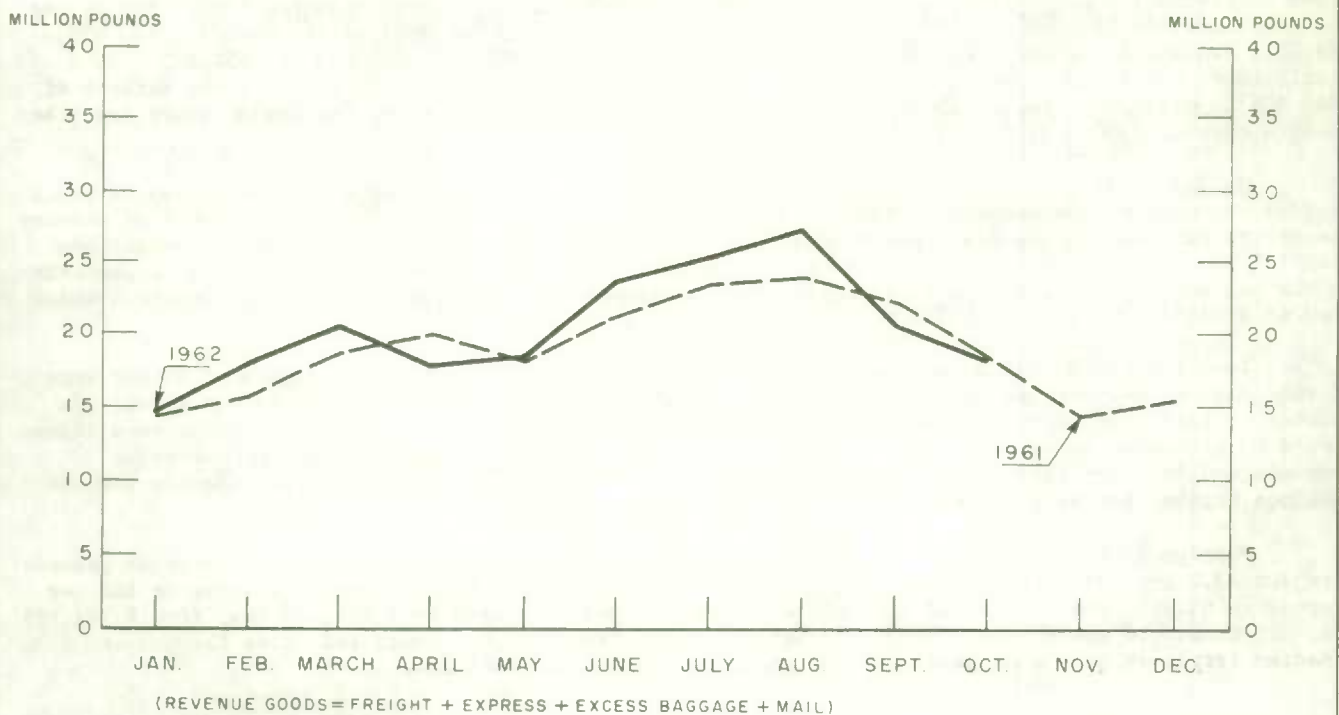
The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures 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 two Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, 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.

Statistics on aircraft owned and leased by Canadian carriers are presented in Table 10 for each group of carriers, by category of aircraft and weight group.

Review of October operations

In October 1962, there was no major change in either the number of revenue passengers or the volume of revenue goods transported by Canadian air carriers, as compared with the same month of 1961. Passengers carried rose slightly to 434,054 from 431,383, an increase of 0.6 per cent, while goods flown decreased 1.4 per cent to 18,162,039 lbs. from 18,425,383 lbs. Revenue miles flown were up one per cent to 7,844,635 from 7,748,796. Operating revenues rose 13 per cent to \$23,600,798 from \$20,889,781, but operating expenses increased only 5.9 per cent to \$22,914,462 from \$21,630,690. As a result there was an operating income for the month of \$686,336 compared with an operating deficit of \$740,909 in October of the previous year. The net deficit, after provision for income taxes and other charges decreased sharply to \$217,558 from \$1,459,659.

During the ten month period January to October, both the revenue passengers and revenue goods handled registered substantial increases over the corresponding period of 1961. The number of revenue passengers carried increased 9.1 per cent to 4,548,776 from 4,170,162 and the volume of goods flown rose 7.9 per cent to 209,825,573 lbs. from 194,400,074 lbs. Operating revenues increased 12 per cent in the ten month period, more than offsetting an increase of 6.8 per cent in operating expenses which rose to \$232,607,532 from \$217,752,027.

In October, the six scheduled carriers transported 390,622 revenue passengers or 90 per cent of the total number carried and 11,351,032 lbs. of revenue goods or 62.5 per cent of the total. In October of last year 90.9 per cent of the revenue passengers and 62.5 of the revenue goods were transported by scheduled carriers. These carriers also accounted for 90.3 per cent of the operating revenues and 89.6 per cent of the operating expenses in October 1962. Corresponding figures for the previous October are 89 per cent and 87.9 per cent respectively

Foreign carriers licensed to operate in Canada transported 12.1 per cent fewer revenue passengers and 13.2 per cent less revenue goods in October 1962. The number of revenue passengers carried dropped to 65,919 from 75,014 and the volume of goods flown decreased to 1,905,257 lbs. from 2,196,193 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

October 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	21	53	74	80	9	9	98	...
Transportation services:									
Unit toll:									
Revenue departures No.	17,336	2,717	730	3,447	20,783	..	..	..	..
Revenue hours flown "	22,434	2,342	455	2,797	25,231	365	993	26,589	280,552
Revenue miles scheduled "	5,485,145	...	...	...	5,485,145	88,511	385,564	5,959,220	60,432,534
Revenue miles flown:									
Scheduled services "	5,553,217 (4)	...	...	...	5,553,217 (4)	86,203	389,683	6,029,103 (4)	61,463,880 (4)
Non-scheduled services ... "	310,095 (4)	297,350	60,460	357,810	667,905 (4)	-	-	667,905 (4)	7,955,096 (4)
Totals "	5,863,312	297,350	60,460	357,810	6,221,122	86,203	389,683	6,697,008	69,418,976
Revenue passengers carried "	383,519	10,412	3,187	13,599	397,118	46,847	19,072	463,037	4,785,580
Revenue goods carried:									
Cargo lb.	7,287,279	589,770	40,367	630,137	7,917,416)	619,554	1,037,745	9,705,598	95,256,145
Excess baggage "	94,082 (5)	21,275	15,526	36,801	130,883 (5))				
Mail "	2,961,073	85,020	16,472	101,492	3,062,565	125,798	122,160	3,310,523	33,392,938
Totals "	10,342,434	696,065	72,365	768,430	11,110,864	745,352	1,159,905	13,016,121	128,649,083
Revenue passenger-miles No.	280,130,402	2,509,300	274,721	2,784,021	282,914,423✓	1,964,151	15,848,472	300,727,046	3,171,093,260
Revenue goods ton-miles:									
Cargo "	3,622,767	134,006	7,164	141,170	3,763,937✓)	15,089	397,710	4,381,480	40,263,302
Excess baggage "	194,707	9,173	864	10,037	204,744✓)				
Mail "	1,241,335	25,734	998	26,732	1,268,067✓	2,437	50,439	1,320,943	12,623,511
Totals "	5,058,809	168,913	9,026	177,939	5,236,748	17,526	448,149	5,702,423	52,886,813
Bulk:									
Revenue - Departure "	1,255	6,440	8,647	15,087	16,342	..	..	..	..
Hours flown "	1,805	7,391	5,848	13,239	15,044✓	-	16	15,060	214,761
Miles flown "	352,229	651,118	620,166	1,271,284	1,623,513	-	4,860	1,628,373	21,709,174
Passengers carried "	7,103	15,247	14,586	29,833	36,936	-	428	37,364	454,678
Freight carried .. lb.	1,008,598	4,052,459	1,990,118	6,042,577	7,051,175	-	-	7,051,175	97,327,668
Non-transportation services:									
Specialty flying:									
Revenue hours flown No.	12	1,265	4,384	5,649	5,661	-	-	5,661	73,460

See footnotes at end of table.

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

October 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.	18,591	9,157	9,377	18,534	37,125	..	..	..
Hours flown	"	24,251	10,998	10,687	21,685	45,936	365	1,009	47,310
Miles flown	"	6,215,541	948,468	680,626	1,629,094	7,844,635	86,203	394,543	8,325,381
Passengers carried	"	390,622	25,659	17,773	43,432	434,054	46,847	19,500	500,401
Cargo carried	lb.	8,295,877	4,642,229	2,030,485	6,672,714	14,968,591	619,554(7)	1,037,745(7)	16,756,773(7)
Goods carried	"	11,351,032	4,748,524	2,062,483	6,811,007	18,162,039	745,352	1,159,905	20,067,296
Non-revenue:									
Hours flown	No.	533	663	403	1,066	1,599	3	-	1,602
Passengers carried	"	..	255	9	264	..	756	983	..
Goods carried	lb.	..	23,400	-	23,400	..	28,969	91,395	..
Passenger-miles	No.	17,020,593	152,115	957	153,072	17,173,665	31,717	811,354	18,016,736
Goods ton-miles	"	492,227	10,898	-	10,898	503,125	1,796	27,493	532,414
Fuel consumed:									
Turbo fuel - Quantity	gal.	14,451,145	105,116	-	105,116	14,556,261	313,904	2,634,372	17,504,537
Cost	\$	2,036,340	38,933	-	38,933	2,075,273	46,748	402,192	2,524,213
Gasoline - Quantity	gal.	761,271	393,029	191,403	584,432	1,345,703	44,217	241,709	1,631,629
Cost	\$	254,761	156,162	76,956	233,118	487,879	11,269	56,249	555,397
Oil consumed:									
Turbo aircraft - Quantity ..	gal.	4,392	1,025	-	1,025	5,417	11	145	5,573
Cost	\$	36,526	2,255	-	2,255	38,781	68	1,320	40,169
Other aircraft - Quantity ..	gal.	11,088	5,564	2,965	8,529	19,617	255	2,744	22,616
Cost	\$	11,803	8,455	3,600	12,055	23,858	152	2,014	26,024
Average number of employees:									
Flying personnel	No.	2,192	414	231	645	2,837	..	..	..
Other personnel	"	13,484	829	476	1,305	14,789	..	..	..
Totals	"	15,676	1,243	707	1,950	17,626	224	774	18,624
Salaries and wages paid:									
Flying personnel	\$	1,605,399	283,793	128,275	412,068	2,017,467	..	..	..
Other personnel	\$	6,266,701	363,571	187,159	550,730	6,817,431	..	..	..
Totals	\$	7,872,100	647,364	315,434	962,798	8,834,898	110,642	325,644	9,271,184

92,405,675

(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

October 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	687,202	16,915,916	17,603,118	288,271	47,034	335,305	17,938,423	181,721,811
Express	50,217	346,401	396,618	11,969	899	12,868	409,486	3,591,567
Freight	154,482	808,127	962,609	75,363	3,191	78,554	1,041,163	10,002,957
Excess baggage	18,115	100,106	118,221	9,339	1,272	10,611	128,832	1,305,978
Mail	92,498	1,014,534	1,107,032	32,509	4,437	36,946	1,143,978	11,571,273
Total unit toll transportation ..	1,002,514	19,185,084	20,187,598	417,451	56,833	474,284	20,661,882	208,193,586
Bulk transportation	265,860	470,616	736,476	922,673	441,852	1,364,525	2,101,001	27,567,903
Total transportation	1,268,374	19,655,700	20,924,074	1,340,124	498,685	1,838,809	22,762,883	235,761,489
Other flying services	-	3,180	3,180	195,919	94,221	290,140	293,320	4,615,081
Total flying services	1,268,374	19,658,880	20,927,254	1,536,043	592,906	2,128,949	23,056,203	240,376,570
Non-flying services	35,029	360,650	395,679	67,537	81,379	148,916	544,595	5,262,640
Total operating revenues	1,303,403	20,019,530	21,322,933	1,603,580	674,285	2,277,865	23,600,798	245,639,210
Operating expenses:								
Flying operations	468,420	4,669,997	5,138,417	652,029	329,147	981,176	6,119,593	65,374,627
Maintenance	369,041	3,881,818	4,250,859	419,756	224,379	644,135	4,894,994	51,366,523
General services and administration:								
Passenger service	34,606	1,480,273	1,514,879	..	..	..	..	..
Aircraft and traffic servicing	192,087	2,867,734	3,059,821	..	..	..	..	..
Promotion and sales	101,673	3,218,532	3,320,205	..	..	..	..	..
General administration	107,710	847,786	955,496	..	..	..	..	..
Totals	436,076	8,414,325	8,850,401	335,923	138,808	474,731	9,325,132	90,546,391
Depreciation and amortization	208,816	2,089,346	2,298,162	176,526	100,055	276,581	2,574,743	25,319,991
Total operating expenses	1,482,353	19,055,486	20,537,839	1,584,234	792,389	2,376,623	22,914,462	232,607,532
Operating income (loss)	Dr. 178,950	964,044	785,094	19,346	Dr. 118,104	Dr. 98,758	686,336	13,031,678
Non-operating income - Net:								
Capital gains and losses	-	11,153	11,153	Dr. 311	Dr. 500	Dr. 811	10,342	Dr. 128,296
Interest and discounts	1,187	170,076	171,263	4,088	1,112	5,200	176,463	1,195,835
Miscellaneous non-operating income ..	Dr. 626	Dr. 57	Dr. 683	Dr. 11,401	910	Dr. 10,491	Dr. 11,174	Dr. 808,160
Income before interest expense	Dr. 178,389	1,145,216	966,827	11,722	Dr. 116,582	Dr. 104,860	861,967	13,291,057
Interest expense	40,964	988,927	1,029,891	36,400	12,542	48,942	1,078,833	10,611,204
Income before income taxes	Dr. 219,353	156,289	Dr. 63,064	Dr. 24,678	Dr. 129,124	Dr. 153,802	Dr. 216,866	2,679,853
Provision for income taxes	-	-	-	6,192	Cr. 5,500	692	692	82,765
Net income after income taxes	Dr. 219,353	156,289	Dr. 63,064	Dr. 30,870	Dr. 123,624	Dr. 154,494	Dr. 217,558	2,597,088

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

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

October 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	3,445,267	84,742	198,380	244,799	159,281	13,470,649	17,603,118	177,920,817
Express	15,610	-	8,960	38,823	2,434	330,791	396,618	3,430,790
Freight	225,897	75,684	46,164	-	32,634	582,230	962,609	9,034,116
Excess baggage	31,196	1,581	6,170	8,197	2,167	68,910	118,221	1,207,954
Mail	159,638	24,349	42,243	2,617	23,289	854,896	1,107,032	10,914,118
Total unit toll transportation ..	3,877,608	186,356	301,917	294,436	219,805	15,307,476	20,187,598	202,507,795
Bulk transportation	346,225	5,018	48,017	1,410	211,415	124,391	736,476	8,465,164
Total transportation	4,223,833	191,374	349,934	295,846	431,220	15,431,867	20,924,074	210,972,959
Other flying services	-	-	-	-	-	3,180	3,180	27,368
Total flying services	4,223,833	191,374	349,934	295,846	431,220	15,435,047	20,927,254	211,000,327
Non-flying services	120,347	5,999	23,587	1,976	3,467	240,303	395,679	3,101,963
Total operating revenues	4,344,180	197,373	373,521	297,822	434,687	15,675,350	21,322,933	214,102,290
Operating expenses:								
Flying operations	1,546,052	85,060	154,061	80,803	148,496	3,123,945	5,138,417	52,917,133
Maintenance	692,038	47,107	97,235	76,054	148,645	3,189,780	4,250,859	43,236,839
General services and administrations:								
Passenger service	363,898	4,302	12,148	4,690	13,466	1,116,375	1,514,879	15,273,610
Aircraft and traffic servicing	496,266	27,713	108,184	26,850	29,340	2,371,468	3,059,821	29,739,997
Promotion and sales	793,896	9,105	21,085	46,128	25,355	2,424,636	3,320,205	31,447,038
General administration	204,343	17,337	36,497	23,442	30,434	643,443	955,496	8,855,037
Totals	1,858,403	58,457	177,914	101,110	98,595	6,555,922	8,850,401	85,315,682
Depreciation and amortization	220,517	97,069	44,303	32,074	35,370	1,868,829	2,298,162	22,170,415
Total operating expenses	4,317,010	287,693	473,513	290,041	431,106	14,738,476	20,537,839	203,640,069
Operating income (loss)	27,170	Dr. 90,320	Dr. 99,992	7,781	3,581	936,874	785,094	10,462,221
Non-operating income - Net:								
Capital gains and losses	11,153	-	-	-	-	-	11,153	Dr. 344,627
Interest and discounts	52,965	1,145	-	21	21	117,111	171,263	1,158,354
Miscellaneous non-operating income ..	8,337	73	Dr. 2,442	1,743	-	Dr. 8,394	Dr. 683	Dr. 734,112
Income before interest expense	99,625	Dr. 89,102	Dr. 102,434	9,545	3,602	1,045,591	966,827	10,541,836
Interest expense	-	6,120	12,273	12,778	9,793	988,927	1,029,891	9,963,197
Income before income taxes	99,625	Dr. 95,222	Dr. 114,707	Dr. 3,233	Dr. 6,191	56,664	Dr. 63,064	578,639
Provision for income taxes	-	-	-	-	-	-	-	145
Net income after income taxes	99,625	Dr. 95,222	Dr. 114,707	Dr. 3,233	Dr. 6,191	56,664	Dr. 63,064	578,494

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

October 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.	1,799	11,916	13,715	703	1,010	999	909	3,621	17,336
Revenue hours flown	"	3,305	15,577	18,882	641	1,046	797	1,068	3,552	22,434
Revenue miles scheduled	"	1,026,681	4,170,242	5,196,923	27,816	151,518	78,108	30,780	288,222	5,485,145
Revenue miles flown:										
Scheduled services - Regular	"	1,025,922	4,108,529	5,134,451	25,790	136,793	77,622	30,780	270,985	5,405,436
Extra section	"	2,189	136,316	138,505	94	6,228	2,954	-	9,276	147,781
Non-scheduled services	"	49,189	-	49,189	79,520	11,694	60,852	108,840	260,906	310,095
Totals	"	1,077,300	4,244,845	5,322,145	105,404	154,715	141,428	139,620	541,167	5,863,312
Ratio of regular miles flown to miles scheduled		99.9	98.5	...	92.7	90.3	99.4	100.0	...	...
Revenue passengers carried	No.	35,286	321,899	357,185	4,042	9,065	8,599	4,628	26,334	383,519
Revenue goods carried:										
Express	lb.	71,987	878,940	950,927	-	30,446	182,813	14,336	227,595	1,178,522
Freight	"	499,959	4,088,851	4,588,810	775,071	477,527	-	267,349	1,519,947	6,108,757
Excess baggage .....	"	..	..	..	14,261	21,508	46,722	11,591	94,082	94,082(2)
Mail	"	157,892	2,401,440	2,559,332	134,053	168,315	23,194	76,179	401,741	2,961,073
Totals	"	729,838	7,369,231	8,099,069	923,385	697,796	252,729	369,455	2,243,365	10,342,434
Revenue passenger-miles:										
Scheduled services	No.	57,876,614	213,227,462	271,104,076	285,300	2,451,531	1,604,339	383,262	4,724,432	275,828,508
Non-scheduled services	"	1,002,346	-	1,002,346	624,102	32,331	1,277,604	1,365,512	3,299,549	4,301,895
Totals	"	58,878,960	213,227,462	272,106,422	909,402	2,483,862	2,881,943	1,748,774	8,023,981	280,130,403
Available seat-miles on scheduled services	"	117,499,513	374,854,594	492,354,107	1,166,664	5,630,668	2,724,440	700,789	10,222,561	502,576,668
Passenger load factor on scheduled services	"	49.3	56.9	...	24.5	43.5	58.9	54.7	...	...
Revenue goods ton-miles:										
Express - Scheduled services	No.	18,593	341,025	359,618	-	6,923	11,990	1,034	19,947	379,565
Non-scheduled services	"	763	-	763	-	-	8,756	2,541	11,297	12,060
Totals	"	19,356	341,025	360,381	-	6,923	20,746	3,575	31,244	391,625
Freight - Scheduled services	"	658,326	2,230,795	2,889,121	1,899	121,621	-	1,853	125,373	3,014,494
Non-scheduled services	"	2,423	-	2,423	183,256	1,109	-	29,860	214,225	216,648
Totals	"	660,749	2,230,795	2,891,544	185,155	122,730	-	31,713	339,598	3,231,142

See footnotes at end of table.

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

October 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:									
Excess baggage - Scheduled services No.	35,427	142,854	178,281	356	3,579	4,686	259	8,880	187,161
Non-scheduled services	120	-	120	1,313	26	4,164	1,923	7,426	7,546
Totals	35,547	142,854	178,401	1,669	3,605	8,850	2,182	16,306	194,707
Mail - Scheduled services	119,372	1,043,070	1,162,442	4,502	42,317	2,022	1,805	50,646	1,213,088
Non-scheduled services	4,032	-	4,032	11,257	88	4,239	8,631	24,215	28,247
Totals	123,404	1,043,070	1,166,474	15,759	42,405	6,261	10,436	74,861	1,241,335
Total - Scheduled services	831,718	3,757,744	4,589,462	6,757	174,440	18,698	4,951	204,846	4,794,308
Non-scheduled services	7,338	-	7,338	195,826	1,223	17,159	42,955	257,163	264,501
Totals	839,056	3,757,744	4,596,800	202,583	175,663	35,857	47,906	462,009	5,058,809
Available ton-miles on scheduled services	15,252,246	49,316,452	64,568,698	126,576	757,607	269,942	77,081	1,231,206	65,799,904
Weight load factor on scheduled services(3)	43.4	50.9	...	27.9	55.4	66.4	56.2	...	...
Bulk:									
Revenue - Departures	No. 91	44	135	13	726	4	377	1,120	1,255
Hours flown	" 412	110	522	17	545	3	718	1,283	1,805
Miles flown	" 129,378	37,294	166,672	2,642	58,124	550	124,241	185,557	352,229
Passengers carried	" 3,349	1,546	4,895	32	1,234	49	893	2,208	7,103
Freight carried	lb. -	-	-	4,068	173,445	-	831,085	1,008,598	1,008,598
Non-transportation services:									
Specialty flying:									
Revenue hours flown	No. -	12	12	-	-	-	-	-	12
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	No. 1,890	11,960	13,850	716	1,736	1,003	1,286	4,741	18,591
Hours flown	" 3,717	15,699	19,416	658	1,591	800	1,786	4,835	24,251
Miles flown	" 1,206,678	4,282,139	5,488,817	108,046	212,839	141,978	263,861	726,724	6,215,541
Passengers carried	" 38,635	323,445	362,080	4,074	10,299	8,648	5,521	28,542	390,622
Cargo carried	lb. 571,946	4,967,791	5,539,737	779,139	681,418	182,813	1,112,770	2,756,140	8,295,877
Goods carried	" 729,838	7,369,231	8,099,069	927,453	871,241	252,729	1,200,540	3,251,963	11,351,032

See footnotes at end of table.

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

October 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. 103	195	298	24	136	31	44	235	533
Passengers carried	" 1,325	..	..	191	163	103	127	584	..
Goods carried	1b. 131,692	..	..	13,135	37,911	-	42,794	93,840	..
Passenger-miles	No. 2,657,510	14,148,078	16,805,588	39,687	70,961	31,515	72,842	215,005	17,020,593
Goods ton-miles	" 181,025	290,158	471,183	3,166	11,735	-	6,143	21,044	492,227
Fuel consumed:									
Turbo fuel - Quantity	gal. 3,072,308	11,219,981	14,292,289	42,260	-	116,596	-	158,856	14,451,145
Cost	\$ 552,797	1,450,477	2,003,274	8,132	-	24,934	-	33,066	2,036,340
Gasoline - Quantity	gal. 276,889	22,676	299,565	74,075	151,076	31,431	205,124	461,706	761,271
Cost	\$ 80,319	6,929	87,248	23,628	59,689	7,344	76,852	167,513	254,761
Oil consumed:									
Turbo aircraft - Quantity ..	gal. 423	3,519	3,942	-	-	450	-	450	4,392
Cost	\$ 3,933	32,262	36,195	-	-	331	-	331	36,526
Other aircraft - Quantity ..	gal. 3,342	412	3,754	846	1,555	-	4,933	7,334	11,088
Cost	\$ 3,775	352	4,127	900	1,843	-	4,933	7,676	11,803
Average number of employees:									
Flying personnel	No. 431	1,544	1,975	31	83	37	66	217	2,192
Other personnel	" 2,117	10,412	12,529	138	340	232	245	955	13,484
Totals	" 2,548	11,956	14,504	169	423	269	311	1,172	15,676
Salaries and wages paid:									
Flying personnel	\$ 342,749	1,116,018	1,458,767	22,765	59,524	24,051	40,292	146,632	1,605,399
Other personnel	\$ 912,981	4,968,279	5,881,260	49,665	152,889	88,613	94,274	385,441	6,266,701
Totals	\$ 1,255,730	6,084,297	7,340,027	72,430	212,413	112,664	134,566	532,073	7,872,100

(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

October 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:							
Originated	28,406	3,662	8,796	8,599	4,085	271,284	324,832
Domestic interline	2,932	380	-	-	-	50,615	57,374
Foreign interline	3,447	-	-	-	-	-	-
Totals(2)	34,785	4,042	8,796	8,599	4,085	321,899	382,206
Revenue express carried:							
Originated	71,987	-	30,446	182,813	14,336	878,940	1,178,522
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	71,987	-	30,446	182,813	14,336	878,940	1,178,522
Revenue freight carried:							
Originated	415,535	584,020	464,340	-	59,180	4,088,851	5,611,926
Domestic interline	10,280	-	-	-	-	-	10,280
Foreign interline	32,727	-	-	-	-	-	32,727
Totals(2)	458,542	584,020	464,340	-	59,180	4,088,851	5,654,933
Revenue excess baggage carried:							
Originated .....	..	14,261	21,185	46,722	8,828	..	90,996(3)
Domestic interline .....	..	-	-	-	-	..	-
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	14,261	21,185	46,722	8,828	..	90,996(3)
Revenue mail carried:							
Originated	157,892	134,053	166,493	23,194	20,419	2,401,440	2,903,491
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	157,892	134,053	166,493	23,194	20,419	2,401,440	2,903,491

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

(2) Excludes division interline.

(3) Excludes Group I carriers.

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

October 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.	2,178	465	281	83	3,007	10,708	13,715
Revenue hours flown "	3,206	1,793	805	490	6,294	12,588	18,882
Revenue miles scheduled "	653,858	811,912	308,579	211,862	1,986,211	3,210,712	5,196,923
Revenue miles flown:							
Scheduled services - Regular "	650,260	800,958	305,192	211,862	1,968,272	3,166,179	5,134,451
Extra sections "	51,719	24,413	1,119	-	77,251	61,254	138,505
Non-scheduled services "	-	-	-	-	-	49,189	49,189
Totals "	701,979	825,371	306,311	211,862	2,045,523	3,276,622	5,322,145
Ratio of regular miles flown to miles scheduled	99.4	98.7	98.9	100.0	99.1	98.6	98.8
Revenue passengers carried No.	...	...	...	...	114,258	242,927	357,185
Revenue cargo carried lb.	...	...	...	...	2,225,511	3,314,226	5,539,737
Revenue mail carried ..... "	...	...	...	...	318,060	2,241,272	2,559,332
Revenue passenger-miles No.	31,886,167	56,430,707	15,373,551	12,357,528	116,047,953	156,058,469	272,106,422
Available seat-miles on scheduled services "	49,406,502	107,809,170	37,251,075	26,205,184	220,671,931	271,682,176	492,354,107
Passenger load factor on scheduled services ...	64.5	52.3	41.3	47.2	52.6	57.1	55.1
Revenue goods ton-miles:							
Express No.	56,979	-	-	-	56,979	303,402	360,381
Freight "	243,849	622,550	157,788	266,535	1,290,722	1,600,822	2,891,544
Excess baggage "	15,940	23,062	20,108	6,536	65,646	112,755	178,401
Mail "	37,801	163,616	35,643	46,131	283,191	883,283	1,166,474
Totals "	354,569	809,228	213,539	319,202	1,696,538	2,900,262	4,596,800
Available ton-miles on scheduled services "	5,997,861	14,686,394	4,665,520	3,386,596	28,736,371	35,832,327	64,568,698
Weight load factor on scheduled services(1) ...	59.1	43.9	37.5	45.9	46.3	51.3	49.1

(1) Standard passenger weight used: 200 pounds.

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

October 1962

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	2,705	39,790	29,567	500,776
Recreational flying	842	16,413	9,446	196,258
Aerial photography and survey	229	52,866	5,281	911,669
Aerial photography (excluding survey)	44	1,094	938	49,152
Aerial pest control	4	Dr. 8,409	4,257	588,706
Aerial advertising	13	67	100	11,385
Aerial patrol and inspection	992	81,993	12,555	1,085,453
Philanthropic	-	-	-	-
Aerial fish cultivation	45	4,579	48	4,809
Geophysical survey	701	69,109	8,777	856,976
Non-transportation charter	18	5,250	806	139,849
Other specialty flying	68	3,949	1,685	275,745
Total specialty flying	5,661	266,701	73,460	4,620,778

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

October 1962

	Month(1)	Year to date
Revenue hours flown	No. 2,056	63,731
Average number of aircraft	" 97	114
Average number of employees:		
Flying personnel	" 145	205
Other personnel	" 99	129
Totals	" 244	334
Salaries and wages paid:		
Flying personnel	\$ 105,556	1,335,421
Other personnel	\$ 57,055	733,640
Totals	\$ 162,611	2,069,061
Operating revenues:		
Bulk transportation	\$ 292,904	5,013,481
Other flying services	\$ 19,911	566,292
Non-flying services	\$ 39,621	438,792
Totals	\$ 352,436	6,018,565
Operating expenses:		
Flying operations	\$ 104,868	2,155,592
Maintenance	\$ 72,145	1,668,740
General services and administration ..	\$ 28,828	554,551
Depreciation and amortization	\$ 78,415	909,488
Totals	\$ 284,256	5,288,371
Operating income (loss)	\$ 68,180	730,194
Net income (deficit) after income taxes ..	\$ 59,096	606,583

(1) Excludes 3 carriers operating 21 helicopters.

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

October 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	72,370	69,225	141,595	13,810	17,698	31,508
Bulk transportation "	319	298	617	995	2,042	3,037
Totals "	72,689	69,523	142,212	14,805	19,740	34,545
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	397,964	1,951,113	2,349,077	468,257	880,448	1,348,705
Bulk transportation "	-	-	-	-	-	-
Totals "	397,964	1,951,113	2,349,077	468,257	880,448	1,348,705
Mail carried (unit toll transportation) "	174,739	164,531	339,270	54,060	154,770	208,830
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	3,275	3,799	7,074	89,455	90,722	180,177
Bulk transportation "	236	-	236	1,550	2,340	3,890
Totals "	3,511	3,799	7,310	91,005	93,062	184,067
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	84,646	100,382	185,028	950,867	2,931,943	3,882,810
Bulk transportation "	-	-	-	-	-	-
Totals "	84,646	100,382	185,028	950,867	2,931,943	3,882,810
Mail carried (unit toll transportation)	9,849	8,069	17,918	238,648	327,370	566,018

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

TABLE 10. Aircraft owned and leased, Canadian Carriers, by Category of Aircraft and Weight Group,
as at October 15, 1962

Categories of aircraft and weight groups	Groups I and II(1)		Group III(1)		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
Number of carriers reporting	6		23		61		279		369	
Helicopters No.	-	-	126	4	33	2	31	-	190	6
Turbo jets "	11	4	-	-	-	-	-	-	11	4
Turbo props:										
300,001 lb. and over No.	-	-	-	-	-	-	1	-	1	-
150,001-300,000 lb. "	-	5	-	-	-	-	-	-	-	5
100,001-150,000 lb. "	22	-	-	-	-	-	-	-	22	-
50,001-100,000 lb. "	48	-	-	-	-	-	-	-	48	-
50,000 lb. and under "	3	-	-	-	-	-	-	-	3	-
Total turbo props "	73	5	-	-	-	-	1	-	74	5
Piston engined:										
Four engines:										
130,001 lb. and over No.	-	-	-	-	-	-	-	-	-	-
100,001-130,000 lb. "	3	-	1	-	-	-	-	-	4	-
70,001-100,000 lb. "	8	1	4	2	-	-	-	-	12	3
50,001- 70,000 lb. "	5	-	1	-	-	-	-	-	6	-
50,000 lb. and under "	1	1	-	-	-	-	-	-	1	1
Total four engines "	17	2	6	2	-	-	-	-	23	4
One or two engines:										
40,001 lb. and over No.	17	-	6	4	-	-	-	-	23	4
25,001-40,000 lb. "	23	1	33	6	10	-	5	-	71	7
20,001-25,000 lb. "	-	-	2	-	-	-	-	-	2	-
15,001-20,000 lb. "	-	-	22	-	1	-	2	-	25	-
10,001-15,000 lb. "	1	-	3	-	7	-	-	-	11	-
7,501-10,000 lb. "	14	3	50	2	44	1	22	1	130	7
5,001- 7,500 lb. "	20	1	54	2	58	5	31	2	163	10
4,001- 5,000 lb. "	-	-	9	2	9	-	12	2	30	4
3,001- 4,000 lb. "	-	-	14	2	25	-	57	-	96	2
2,001- 3,000 lb. "	4	-	35	3	123	13	240	45	402	61
2,000 lb. and under "	1	-	10	1	83	-	388	31	482	32
Total one or two engines .. "	80	5	238	22	360	19	757	81	1,435	127
Grand total "	181	16	370	28	393	21	789	81	1,733	146

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

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 I) 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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