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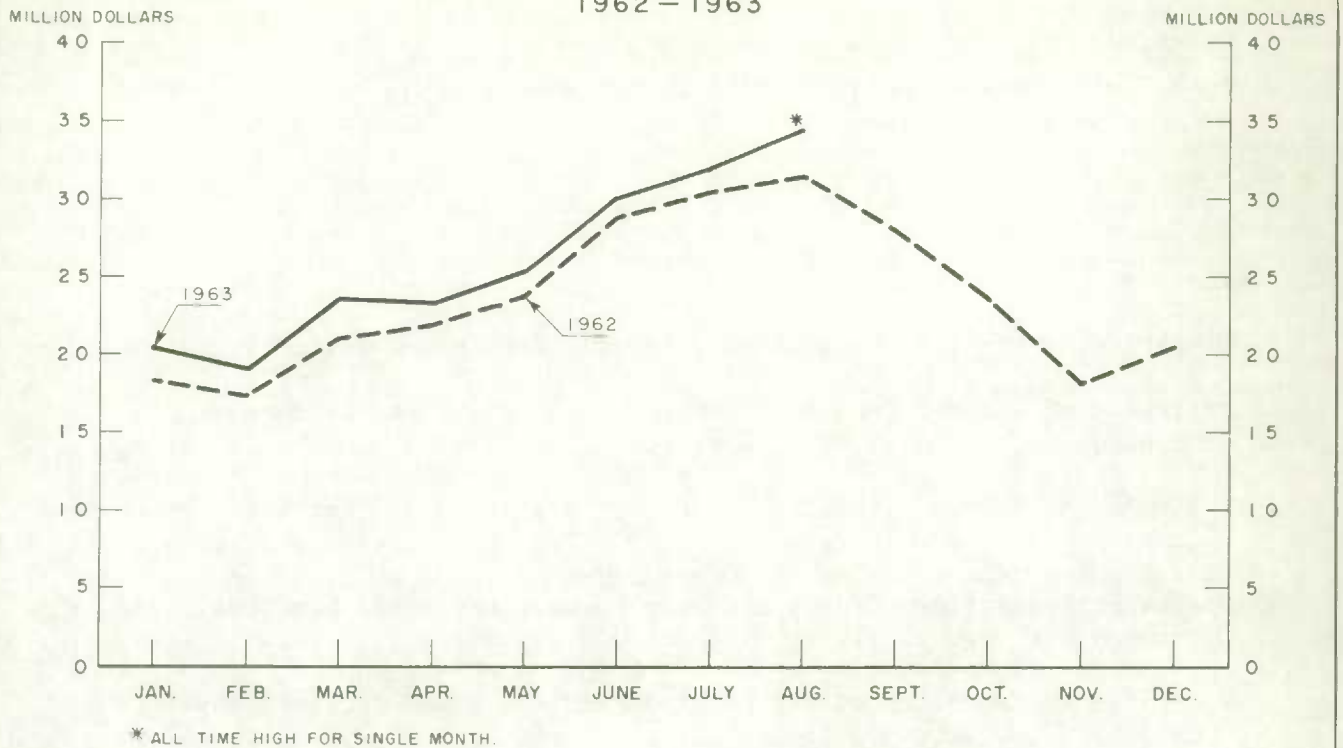
SYMBOLS

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

- .. Figures are not available
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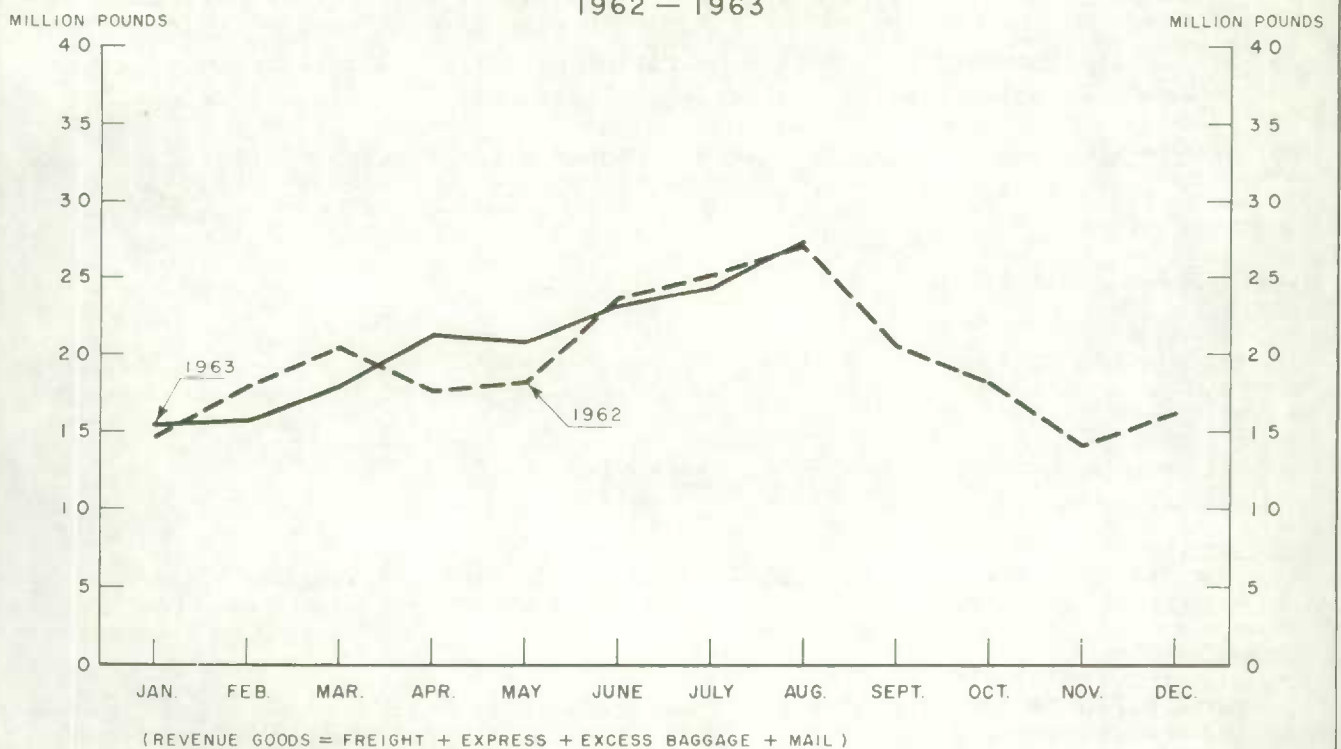
OPERATING REVENUE OF CANADIAN CARRIERS

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 August Operations:

During the month of August 1963, there was an increase in both the number of revenue passengers and the volume of revenue goods transported by Canadian air carriers, as compared with the same month of 1962. Passengers carried increased 5.8 per cent to 563,620 and goods flown increased 2 per cent to 13,772 tons.

On the financial side, operating revenues increased 9.6 per cent to \$34,499,598, an all time high for a single month. Operating expenses for the same period were up 6.7 per cent to \$27,141,525. As a result the operating income for August amounted to \$7,358,073 compared with \$6,063,928 in August 1962. The net income after provision for income taxes rose to \$6,365,830 from \$5,063,779.

In August the six scheduled carriers transported 485,908 revenue passengers (86.2 per cent of the total number carried) and 6,520 tons of revenue goods (47.3 per cent of the total). Comparable figures for August 1962 were 457,216 revenue passengers (85.8 per cent of the total) and 5,867 tons of revenue goods (43.4 per cent of the total). The scheduled carriers also accounted for 85.3 per cent of the operating revenues and 87.3 per cent of the operating expenses. Corresponding figures for August of the previous year were 83.8 and 85.7 respectively.

The Cumulative View:

For the first eight months of 1963 both the number of revenue passengers flown and the volume of revenue goods carried showed increases over the corresponding period of 1962. Revenue passengers flown rose 13.6 per cent to 4,112,270 while revenue goods carried rose 5.8 per cent to 90,432 tons. Operating revenues for the period were \$208,774,193, up 7.6 per cent from the comparable period of 1962, while operating expenses rose 4.4 per cent to \$193,904,194.

Foreign Carriers:

Foreign carriers licensed to operate in Canada are required to report statistics of their performance over Canadian territory only. Passengers and goods in transit through Canada are excluded from these statistics.

During August 1963, foreign carriers licensed to operate in Canada transported 96,602 revenue passengers, an increase of 23.6 per cent over August 1962. The volume of revenue goods handled also increased, rising to 943 tons from 886 tons.

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

August 1963

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
	Group I and II(1)	Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	19	67	86	92	10	9	111	...
Transportation services:									
Unit toll:									
Revenue departures No.	18,973	2,940	1,142	4,082	23,055	..	..	..	..
Revenue hours flown "	24,511	3,144	651	3,795	28,306	336	1,265	29,907	213,042
Revenue miles scheduled "	6,196,863	...	...	...	6,196,863	81,730	493,526	6,772,119	48,357,528
Revenue miles flown:									
Scheduled services "	6,345,928(4)	...	...	...	6,345,928(4)	79,005	462,488	6,887,421(4)	48,973,825(4)
Non-scheduled services ... "	394,737(4)	410,899	82,106	493,005	887,742(4)	-	-	887,742(4)	5,853,313(4)
Totals "	6,740,665	410,899	82,106	493,005	7,233,670	79,005	462,488	7,775,163	54,827,138
Revenue passengers carried "	460,642	16,094	2,511	18,605	479,247	60,743	29,478	569,468	3,792,079
Revenue goods carried:									
Cargo lb.	7,442,132	822,277	400,813	1,223,090	8,665,222)			
Excess baggage "	84,924(5)	17,284	5,584	22,868	107,792(5)	)	666,967	944,671	10,384,652
Mail "	3,052,640	55,966	18,350	74,316	3,126,956	130,391	138,489	3,395,836	28,882,222
Totals "	10,579,696	895,527	424,747	1,320,274	11,899,970	797,358	1,083,160	13,780,488	104,904,584
Revenue passenger-miles No.	388,550,280	4,255,088	197,830	4,452,918	393,003,198✓	2,550,277	14,156,827	409,710,302	2,580,474,015
Revenue goods ton-miles:									
Cargo "	4,080,700	203,895	214,938	418,833	4,499,533✓)			
Excess baggage "	219,615	7,446	307	7,753	227,368✓	)	16,110	353,333	5,096,344
Mail "	1,302,685	21,045	963	22,008	1,324,693✓	2,739	59,021	1,386,453	11,813,115
Totals "	5,603,000	232,386	216,208	448,594	6,051,594	18,849	412,354	6,482,797	50,975,283
Bulk:									
Revenue - Departure "	4,232	14,179	17,185	31,364	35,596	..	..	..	..
Hours flown "	5,679	17,021	15,070	32,091	37,770✓	4	224	37,998	176,510
Miles flown "	1,179,334	1,324,251	1,404,499	2,728,750	3,908,084	1,232	72,560	3,981,876	18,900,983
Passengers carried "	25,266	27,468	31,639	59,107	84,373	631	5,750	90,754	416,793
Freight carried .. lb.	2,460,662	9,105,003	4,077,438	13,182,441	15,643,103	-	6,330	15,649,433	77,845,395
Non-transportation services:									
Specialty flying:									
Revenue hours flown No.	24	3,497	7,268	10,765	10,789✓	-	-	10,789	59,343

See footnotes at end of table.

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

August 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.	23,205	17,119	18,327	35,446	58,651	..	..	..
Hours flown	"	30,214	23,662	22,989	46,651	76,865	340	1,489	78,694
Miles flown	"	7,919,999	1,735,150	1,486,605	3,221,755	11,141,754	80,237	535,048	11,757,039
Passengers carried	"	485,908	43,562	34,150	77,712	563,620	61,374	35,228	660,222
Cargo carried	lb.	9,902,794	9,927,280	4,478,251	14,405,531	24,308,325	666,967(7)	951,001(7)	26,034,085(7)
Goods carried	"	13,040,358	10,000,530	4,502,185	14,502,715	27,543,073	797,358	1,089,490	29,429,921
Non-revenue:									
Hours flown	No.	381	838	502	1,340	1,721	4	5	1,730
Passengers carried	"	..	453	6	459	..	1,470	303	..
Goods carried	lb.	..	66,526	-	66,526	..	5,784	55,087	..
Passenger-miles	No.	23,885,193	96,192	579	96,771	23,981,964	60,699	382,264	24,424,927
Goods ton-miles	"	554,244	39,237	-	39,237	593,481	153	16,204	609,838
Fuel consumed:									
Turbo fuel - Quantity	gal.	18,689,878	62,000	19,520	81,520	18,771,398✓	182,882	3,610,385	22,564,665
Cost	\$	2,764,872	14,880	5,367	20,247	2,785,119	31,483	587,410	3,404,012
Gasoline - Quantity	gal.	1,105,171	925,876	347,018	1,272,894	2,378,065✓	98,410	149,292	2,625,767
Cost	\$	365,332	386,226	154,258	540,484	905,816	25,653	50,895	982,364
Oil consumed:									
Turbo aircraft - Quantity ..	gal.	4,213	953	4	957	5,170✓	7	130	5,307
Cost	\$	39,028	1,191	60	1,251	40,279	59	1,126	41,464
Other aircraft - Quantity ..	gal.	12,147	10,201	5,384	15,585	27,732✓	826	1,416	29,974
Cost	\$	12,772(8)	16,493	7,395	23,888	36,660(8)	720	1,168	38,548(8)
Average number of employees:									
Flying personnel	No.	2,114	479	320	799	2,913	..	..	..
Other personnel	"	13,451	903	531	1,434	14,885	..	..	..
Totals	"	15,565	1,382	851	2,233	17,798	234	730	18,762
Salaries and wages paid:									
Flying personnel	\$	1,721,978	374,376	211,931	586,307	2,308,285	..	..	..
Other personnel	\$	6,397,772	387,627	203,448	591,075	6,988,847	..	..	..
Totals	\$	8,119,750	762,003	415,379	1,177,382	9,297,132	126,344	352,684	9,776,160
									74,897,779

(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.

(8) Adjustment for previous months.

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

August 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	22,638,381	1,036,346	23,674,727	466,085	34,860	500,945	24,175,672	152,251,353
Express	337,711	97,371	435,082	6,308	610	6,918	442,000	2,872,506
Freight	907,938	120,258	1,028,196	116,115	24,900	141,015	1,169,211	8,838,180
Excess baggage	113,130	20,153	133,283	9,062	508	9,570	142,853	1,022,017
Mail	1,107,389	94,616	1,202,005	33,166	4,513	37,679	1,239,684	10,159,798
Total unit toll transportation ..	25,104,549	1,368,744	26,473,293	630,736	65,391	696,127	27,169,420	175,143,854
Bulk transportation	1,943,072	673,038	2,616,110	2,266,310	1,149,113	3,415,423	6,031,533	26,069,852
Total transportation	27,047,621	2,041,782	29,089,403	2,897,046	1,214,504	4,111,550	33,200,953	201,213,706
Other flying services	8,746	-	8,746	361,640	367,220	728,860	737,606	3,415,645
Total flying services	27,056,367	2,041,782	29,098,149	3,258,686	1,581,724	4,840,410	33,938,559	204,629,351
Non-flying services	306,344	27,757	334,101	47,587	179,351	226,938	561,039	4,144,842
Total operating revenues	27,362,711	2,069,539	29,432,250	3,306,273	1,761,075	5,067,348	34,499,598	208,774,193
Operating expenses:								
Flying operations	5,862,142	593,284	6,455,426	1,110,730	513,180	1,623,910	8,079,336	53,724,400
Maintenance	4,442,656	425,386	4,868,042	639,190	306,167	945,357	5,813,399	41,904,264
General services and administration:								
Passenger service	1,823,627	50,181	1,873,808	..	..	..	..	..
Aircraft and traffic servicing	3,031,404	197,792	3,229,196	..	..	..	..	..
Promotion and sales	3,643,069	124,052	3,767,121	..	..	..	..	..
General administration	913,467	85,041	998,508	..	..	..	..	..
Totals	9,411,567	457,066	9,868,633	411,511	167,004	578,515	10,447,148	76,556,382
Depreciation and amortization	2,419,390	87,694	2,507,084	198,965	95,593	294,558	2,801,642	21,719,148
Total operating expenses	22,135,755	1,563,430	23,699,185	2,360,396	1,081,944	3,442,340	27,141,525	193,904,194
Operating income (loss)	5,226,956	506,109	5,733,065	945,877	679,131	1,625,008	7,358,073	14,869,999
Non-operating income - Net:								
Capital gains and losses	-	74,022	74,022	59,230	-	59,230	133,252	529,632
Interest and discounts	117,185	Dr. 3,300	113,885	2,454	1,455	3,909	117,794	877,638
Miscellaneous non-operating income ..	Dr. 34,016	Dr. 35,230	Dr. 69,246	4,773	3,892	8,665	Dr. 60,581	97,486
Income before interest expense	5,310,125	541,601	5,851,726	1,012,334	684,478	1,696,812	7,548,538	16,374,755
Interest expense	969,325	39,150	1,008,475	37,199	19,198	56,397	1,064,872	8,574,194
Income before income taxes	4,340,800	502,451	4,843,251	975,135	665,280	1,640,415	6,483,666	7,800,561
Provision for income taxes	-	-	-	106,082	11,754	117,836	117,836	169,052
Net income after income taxes	4,340,800	502,451	4,843,251	869,053	653,526	1,522,579	6,365,830	7,631,509

(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 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	4,414,813	133,848	366,997	309,342	226,159	18,223,568	23,674,727	149,455,273
Express	19,676	42,400	12,807	39,857	2,307	318,035	435,082	2,783,842
Freight	256,724	24,759	67,813	-	27,686	651,214	1,028,196	8,063,326
Excess baggage	33,965	1,199	9,181	7,037	2,736	79,165	133,283	962,259
Mail	237,287	21,450	42,982	3,539	26,645	870,102	1,202,005	9,476,201
Total unit toll transportation ..	4,962,465	223,656	499,780	359,775	285,533	20,142,084	26,473,293	170,740,901
Bulk transportation	1,120,680	35,635	244,541	16,285	376,577	822,392	2,616,110	10,856,276
Total transportation	6,083,145	259,291	744,321	376,060	662,110	20,964,476	29,089,403	181,597,177
Other flying services	-	-	-	-	-	8,746	8,746	49,457
Total flying services	6,083,145	259,291	744,321	376,060	662,110	20,973,222	29,098,149	181,646,634
Non-flying services	73,169	18,247	3,433	1,758	4,319	233,175	334,101	2,455,870
Total operating revenues	6,156,314	277,538	747,754	377,818	666,429	21,206,397	29,432,250	184,102,504
Operating expenses:								
Flying operations	2,036,392	68,988	222,354	97,021	204,921	3,825,750	6,455,426	44,564,485
Maintenance	882,313	45,894	139,620	65,136	174,736	3,560,343	4,868,042	35,592,025
General services and administrations:								
Passenger service	527,047	8,401	17,180	6,374	18,226	1,296,580	1,873,808	12,843,941
Aircraft and traffic servicing	555,385	31,318	115,861	24,972	25,641	2,476,019	3,229,196	24,717,527
Promotion and sales	978,925	4,481	24,289	47,273	48,009	2,664,144	3,767,121	27,268,637
General administration	189,633	24,420	34,067	8,451	18,103	723,834	998,508	7,532,943
Totals	2,250,990	68,620	191,397	87,070	109,979	7,160,577	9,868,633	72,363,048
Depreciation and amortization	215,681	-	32,366	31,931	23,397	2,203,709	2,507,084	19,504,096
Total operating expenses	5,385,376	183,502	585,737	281,158	513,033	16,750,379	23,699,185	172,023,654
Operating income (loss)	770,938	94,036	162,017	96,660	153,396	4,456,018	5,733,065	12,078,850
Non-operating income - Net:								
Capital gains and losses	-	Dr. 25,935	-	99,957	-	-	74,022	182,801
Interest and discounts	60,958	Dr. 3,357	-	-	57	56,227	113,885	838,054
Miscellaneous non-operating income ..	Dr. 15,693	113	Dr. 35,700	360	Dr. 3	Dr. 18,323	Dr. 69,246	44,261
Income before interest expense	816,203	64,857	126,317	196,977	153,450	4,493,922	5,851,726	13,143,966
Interest expense	-	4,556	12,766	13,960	7,868	969,325	1,008,475	8,130,934
Income before income taxes	816,203	60,301	113,551	183,017	145,582	3,524,597	4,843,251	5,013,032
Provision for income taxes	-	-	-	-	-	-	-	145
Net income after income taxes	816,203	60,301	113,551	183,017	145,582	3,524,597	4,843,251	5,012,887

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

August 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.	1,969	12,225	14,194	708	1,396	1,300	1,375	4,779	18,973
Revenue hours flown	"	3,696	16,206	19,902	624	1,522	977	1,486	4,609	24,511
Revenue miles scheduled	"	1,243,572	4,561,553	5,805,125	27,066	206,112	110,245	48,315	391,738	6,196,863
Revenue miles flown:										
Scheduled services - Regular	"	1,237,949	4,543,748	5,781,697	25,127	190,573	107,801	48,192	371,693	6,153,390
Extra section	"	3,608	165,624	169,232	2,038	18,782	2,019	467	23,306	192,538
Non-scheduled services	"	63,472	-	63,472	76,512	24,085	70,165	160,503	331,265	394,737
Totals	"	1,305,029	4,709,372	6,014,401	103,677	233,440	179,985	209,162	726,264	6,740,665
Ratio of regular miles flown to miles scheduled										
		99.5	99.6	99.6	92.8	92.5	97.8	99.7	94.9	99.3
Revenue passengers carried	No.	45,788	373,592	419,380	6,877	15,873	10,973	7,539	41,262	460,642
Revenue goods carried:										
Express	lb.	89,316	829,596	918,912	-	33,140	160,633	13,769	207,542	1,126,454
Freight	"	670,522	4,232,692	4,903,214	707,583	563,533	-	141,348	1,412,464	6,315,678
Excess baggage .....	"	..	..	..	10,662	25,535	35,610	13,117	84,924	84,924(2)
Mail	"	200,999	2,472,883	2,673,882	116,638	147,143	28,689	86,288	378,758	3,052,640
Totals	"	960,837	7,535,171	8,496,008	834,883	769,351	224,932	254,522	2,083,688	10,579,696
Revenue passenger-miles:										
Scheduled services	No.	76,186,281	298,762,199	374,948,480	521,718	4,204,229	2,154,537	306,565	7,187,049	382,135,529
Non-scheduled services	"	1,533,228	-	1,533,228	879,210	68,638	1,594,762	2,338,913	4,881,523	6,414,751
Totals	"	77,719,509	298,762,199	376,481,708	1,400,928	4,272,867	3,749,299	2,645,478	12,068,572	388,550,280
Available seat-miles on scheduled services										
	"	150,088,171	457,717,017	607,805,188	1,201,950	7,162,320	3,730,176	1,144,778	13,239,224	621,044,412
Passenger load factor on scheduled services										
		50.8	65.3	61.7	43.4	58.7	57.8	26.8	54.3	61.5
Revenue goods ton-miles:										
Express - Scheduled services	No.	23,515	327,879	351,394	-	9,164	19,978	188	29,330	380,724
Non-scheduled services	"	902	-	902	-	-	17,647	3,201	20,848	21,750
Totals	"	24,417	327,879	352,296	-	9,164	37,625	3,389	50,178	402,474
Freight - Scheduled services	"	790,358	2,554,131	3,344,489	2,776	138,330	-	687	141,793	3,486,282
Non-scheduled services	"	2,493	-	2,493	160,082	2,005	-	27,364	189,451	191,944
Totals	"	792,851	2,554,131	3,346,982	162,858	140,335	-	28,051	331,244	3,678,226

See footnotes at end of table.

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

August 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.	39,136	163,418	202,554	240	5,090	3,596	91	9,017	211,571
Non-scheduled services	79	-	79	1,040	89	3,912	2,924	7,965	8,044
Totals	39,215	163,418	202,633	1,280	5,179	7,508	3,015	16,982	219,615
Mail - Scheduled services	198,106	1,037,887	1,235,993	4,175	36,680	1,079	1,003	42,937	1,278,930
Non-scheduled services	4,182	-	4,182	7,285	278	1,190	10,820	19,573	23,755
Totals	202,288	1,037,887	1,240,175	11,460	36,958	2,269	11,823	62,510	1,302,685
Total - Scheduled services	1,051,115	4,083,315	5,134,430	7,191	189,264	24,653	1,969	223,077	5,357,507
Non-scheduled services	7,656	-	7,656	168,407	2,372	22,749	44,309	237,837	245,493
Totals	1,058,771	4,083,315	5,142,086	175,598	191,636	47,402	46,278	460,914	5,603,000
Available ton-miles on scheduled services	19,839,967	62,501,643	82,341,610	133,512	1,140,078	369,882	118,065	1,761,537	84,103,147
Weight load factor on scheduled services(3)	43.7	54.3	51.8	44.5	53.5	64.9	27.6	53.5	51.8
Bulk:									
Revenue - Departures	No. 197	168	365	118	3,076	64	609	3,867	4,232
Hours flown	" 1,209	602	1,811	182	2,395	81	1,210	3,868	5,679
Miles flown	" 403,346	267,682	671,028	27,332	264,274	10,162	206,538	508,306	1,179,334
Passengers carried	" 8,337	8,407	16,744	1,725	4,748	134	1,915	8,522	25,266
Freight carried	lb. -	-	-	48,256	1,092,014	151,053	1,169,339	2,460,662	2,460,662
Non-transportation services:									
Specialty flying:									
Revenue hours flown	No. -	24	24	-	-	-	-	-	24
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	No. 2,166	12,393	14,559	826	4,472	1,364	1,984	8,646	23,205
Hours flown	" 4,905	16,832	21,737	806	3,917	1,058	2,696	8,477	30,214
Miles flown	" 1,708,375	4,977,054	6,685,429	131,009	497,714	190,147	415,700	1,234,570	7,919,999
Passengers carried	" 54,125	381,999	436,124	8,602	20,621	11,107	9,454	49,784	485,908
Cargo carried	lb. 759,838	5,062,288	5,822,126	755,839	1,688,687	311,686	1,324,456	4,080,668	9,902,794
Goods carried	" 960,837	7,535,171	8,496,008	883,139	1,861,365	375,985	1,423,861	4,544,350	13,040,358

See footnotes at end of table.

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

August 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. 34	146	180	19	99	16	67	201	381
Passengers carried	" 1,946	..	..	240	570	150	233	1,193	..
Goods carried	1b. 137,924	..	..	22,307	37,710	-	18,991	79,008	..
Passenger-miles	No. 3,122,941	20,347,944	23,470,885	45,345	193,075	51,496	124,392	414,308	23,885,193
Goods ton-miles	" 183,907	349,313	533,220	4,369	14,015	-	2,640	21,024	554,244
Fuel consumed:									
Turbo fuel - Quantity	gal. 4,352,250	14,106,458	18,458,708	69,084	-	103,372	58,714	231,170	18,689,878
Cost	\$ 774,623	1,928,334	2,702,957	14,145	-	34,113	13,657	61,915	2,764,872
Gasoline - Quantity	gal. 408,050	-	408,050	56,603	284,389	43,104	313,025	21,024	429,074
Cost	\$ 119,439	-	119,439	17,538	106,468	9,483	112,404	245,893	365,332
Oil consumed:									
Turbo aircraft - Quantity ..	gal. 332	3,875	4,207	-	-	6	-	6	4,213
Cost	\$ 2,440	36,006	38,446	-	-	582	-	582	39,028
Other aircraft - Quantity ..	gal. 4,992	-	4,992	722	3,163	-	3,270	7,155	12,147
Cost	\$ 4,475	-	4,475	720	3,954	353(5)	3,270	8,297(5)	12,772(5)
Average number of employees:									
Flying personnel	No. 495	1,380	1,875	26	84	41	88	239	2,114
Other personnel	" 2,166	10,307	12,473	137	328	234	279	978	13,451
Totals	" 2,661	11,687	14,348	163	412	275	367	1,217	15,565
Salaries and wages paid:									
Flying personnel	\$ 422,963	1,127,035	1,549,998	20,792	71,909	26,601	52,678	171,980	1,721,978
Other personnel	\$ 968,400	5,031,162	5,999,562	51,960	143,659	95,188	107,403	398,210	6,397,772
Totals	\$ 1,391,363	6,158,197	7,549,560	72,752	215,568	121,789	160,081	570,190	8,119,750

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

(2) Excludes Group I carriers.

(3) Standard passenger weight used: 200 pounds.

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

(5) Adjustment for previous months.

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

August 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.	38,134	6,290	15,216	10,973	6,570	306,556	383,739
Domestic interline	"	3,074	587	-	-	-	67,036	75,009
Foreign interline	"	4,312	-	-	-	-	-	-
Totals(2)	"	45,520	6,877	15,216	10,973	6,570	373,592	458,748
Revenue express carried:								
Originated	lb.	89,316	-	33,140	160,633	13,769	829,596	1,126,454
Domestic interline	"	-	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-	-
Totals(2)	"	89,316	-	33,140	160,633	13,769	829,596	1,126,454
Revenue freight carried:								
Originated	lb.	561,156	524,984	536,998	-	70,786	4,232,692	5,926,616
Domestic interline	"	13,904	-	-	-	-	-	13,904
Foreign interline	"	24,308	-	-	-	-	-	24,308
Totals(2)	"	599,368	524,984	536,998	-	70,786	4,232,692	5,964,828
Revenue excess baggage carried:								
Originated	lb.	..	10,662	24,138	35,610	10,793	..	81,203(3)
Domestic interline	"	..	-	-	-	-	..	-
Foreign interline	"	..	-	-	-	-	..	-
Totals(2)	"	..	10,662	24,138	35,610	10,793	..	81,203(3)
Revenue mail carried:								
Originated	lb.	200,999	116,638	142,365	28,689	31,138	2,472,883	2,992,712
Domestic interline	"	-	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-	-
Totals(2)	"	200,999	116,638	142,365	28,689	31,138	2,472,883	2,992,712

(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 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.	2,048	637	314	92	3,091	11,103	14,194
Revenue hours flown "	2,811	2,610	802	599	6,822	13,080	19,902
Revenue miles scheduled "	591,989	1,217,344	355,551	276,227	2,441,111	3,364,014	5,805,125
Revenue miles flown:							
Scheduled services - Regular "	589,394	1,210,704	355,551	270,693	2,426,342	3,355,355	5,781,697
Extra sections "	49,623	3,645	10,778	-	64,046	105,186	169,232
Non-scheduled services "	-	-	-	-	-	63,472	63,472
Totals "	639,017	1,214,349	366,329	270,693	2,490,388	3,524,013	6,014,401
Ratio of regular miles flown to miles scheduled	99.6	99.5	100.0	98.0	99.4	99.7	99.6
Revenue passengers carried No.	...	...	...	...	145,977	273,403	419,380
Revenue cargo carried lb.	...	...	...	...	2,505,218	3,316,908	5,822,126
Revenue mail carried ..... "	...	...	...	...	368,794	2,305,088	2,673,882
Revenue passenger-miles No.	37,285,418	87,764,788	20,624,833	13,535,245	159,210,284	217,271,424	376,481,708
Available seat-miles on scheduled services "	53,731,040	160,119,444	48,739,875	34,482,404	297,072,763	310,732,425	607,805,188
Passenger load factor on scheduled services ...	69.4	54.8	42.3	39.3	53.6	69.4	61.7
Revenue goods ton-miles:							
Express No.	55,392	-	-	-	55,392	296,904	352,296
Freight "	258,633	796,134	206,821	314,895	1,576,483	1,770,499	3,346,982
Excess baggage "	19,304	34,171	22,875	8,553	84,903	117,730	202,633
Mail "	40,744	153,098	56,152	97,538	347,532	892,643	1,240,175
Totals "	374,073	983,403	285,848	420,986	2,064,310	3,077,776	5,142,086
Available ton-miles on scheduled services "	6,738,534	22,068,544	6,785,790	4,532,805	40,125,673	42,215,937	82,341,610
Weight load factor on scheduled services(1) ...	60.9	44.2	34.6	39.1	44.8	58.4	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 1963

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	4,127	68,937	24,611	429,404
Recreational flying	1,568	39,065	8,684	200,025
Aerial photography and survey	648	85,700	3,030	443,980
Aerial photography (excluding survey)	388	82,349	1,230	164,848
Aerial pest control	582	116,788	2,331	372,485
Aerial advertising	4	264	35	2,853
Aerial patrol and inspection	1,676	171,171	10,370	925,861
Aircraft rental	64	1,314	325	7,705
Aerial fish cultivation	-	-	-	-
Geophysical survey	1,093	98,787	6,493	619,166
Non-transportation charter	185	21,187	992	125,541
Other specialty flying	454	47,487	1,242	127,806
Total specialty flying	10,789	733,049	59,343	3,419,674

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

August 1963

	Month(1)	Year to date
Revenue hours flown	No. 9,484	36,060
Average number of aircraft	" 116	115
Average number of employees:		
Flying personnel	" 167	154
Other personnel	" 97	104
Totals	" 264	258
Salaries and wages paid:		
Flying personnel	\$ 133,645	846,977
Other personnel	\$ 56,256	451,196
Totals	\$ 189,901	1,298,173
Operating revenues:		
Bulk transportation	\$ 957,177	3,567,402
Other flying services	\$ 106,323	433,525
Non-flying services	\$ Dr. 7,226	75,501
Totals	\$ 1,056,274	4,076,428
Operating expenses:		
Flying operations	\$ 226,962	1,462,580
Maintenance	\$ 138,496	1,186,881
General services and administration ..	\$ 41,595	375,859
Depreciation and amortization	\$ 76,792	453,563
Totals	\$ 483,845	3,478,883
Operating income (loss)	\$ 572,429	597,545
Net income (deficit) after income taxes ..	\$ 602,839	704,384

(1) Excludes 1 carrier operating 12 helicopters.

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)
August 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	86,513	86,623	173,136	16,629	31,236	47,865
Bulk transportation "	623	519	1,142	8,832	11,741	20,573
Totals "	87,136	87,142	174,278	25,461	42,977	68,438
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	488,930	1,930,761	2,419,691	359,402	933,275	1,292,677
Bulk transportation "	-	-	-	6,330	-	6,330
Totals "	488,930	1,930,761	2,419,691	365,732	933,275	1,299,007
Mail carried (unit toll transportation) "	128,504	228,237	356,741	99,554	118,594	218,148
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	4,978	6,033	11,011	108,120	123,892	232,012
Bulk transportation "	-	-	-	9,455	12,260	21,715
Totals "	4,978	6,033	11,011	117,575	136,152	253,727
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	180,803	98,522	279,325	1,029,135	2,962,558	3,991,693
Bulk transportation "	-	-	-	6,330	-	6,330
Totals "	180,803	98,522	279,325	1,035,465	2,962,558	3,998,023
Mail carried (unit toll transportation) "	14,681	19,590	34,271	242,739	366,421	609,160
	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.	66,567	75,224	141,791	41,553	48,668	90,221
Bulk transportation "	6,703	8,631	15,334	2,752	3,629	6,381
Totals "	73,270	83,855	157,125	44,305	52,297	96,602
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	667,773	1,712,282	2,380,055	361,362	1,250,276	1,611,638
Bulk transportation "	-	-	-	6,330	-	6,330
Totals "	667,773	1,712,282	2,380,055	367,692	1,250,276	1,617,968
Mail carried (unit toll transportation) "	160,195	180,085	340,280	82,544	186,336	268,880

(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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