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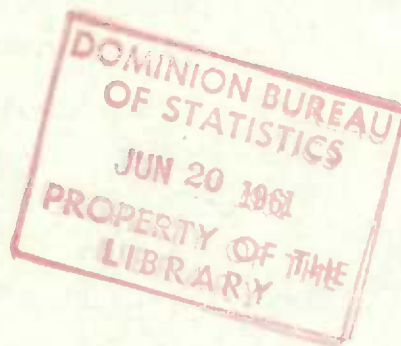
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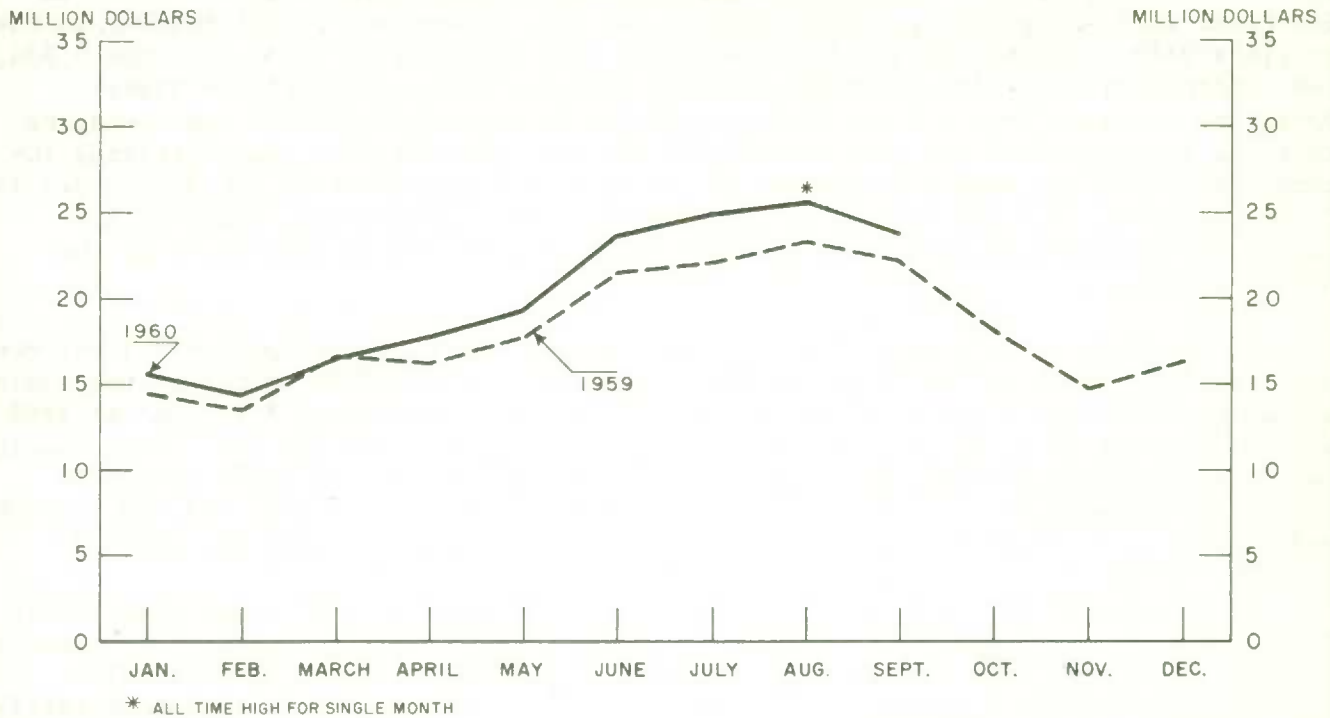
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SYMBOLS

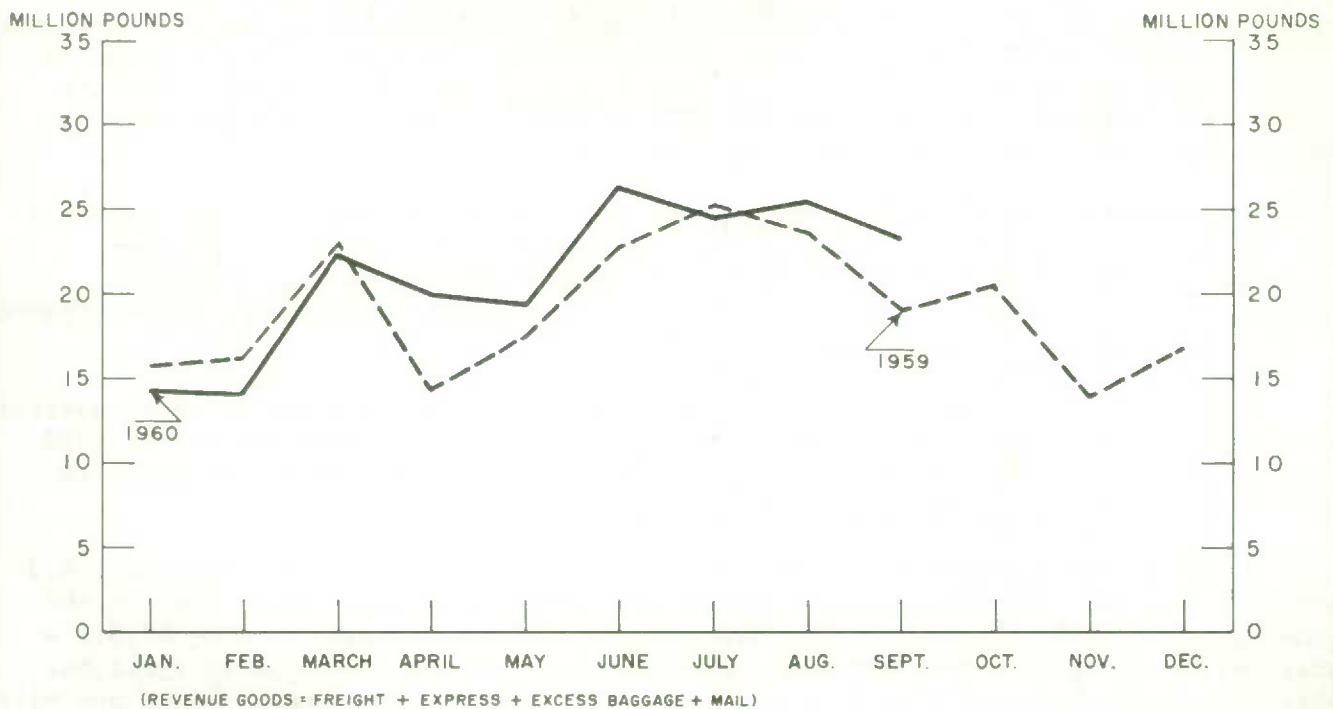
The interpretation of the symbols used in the tables throughout this publication is as follows:

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

OPERATING REVENUE OF CANADIAN CARRIERS 1959 - 1960



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1959 - 1960



INTRODUCTION

In September, Canadian air carriers transported approximately the same number of revenue passengers as in the corresponding month of 1959 but handled 22.4 per cent more revenue goods. Passengers totalled 445,132 as compared with 445,509 in September 1959 and goods aggregated 23,274,661 lbs. as against 19,021,570 lbs. in the previous year. Revenue miles flown increased very slightly to 9,854,651 from 9,834,749. Both operating revenues and operating expenses were substantially higher. Operating revenues rose 7.9 per cent to \$23,942,255 from \$22,188,909 and operating expenses increased 9.5 per cent to \$21,292,093 from \$19,452,053. The operating income, at \$2,650,162, was a little below the operating income of \$2,736,856 earned in September 1959. The net income, after provision for income taxes, amounted to \$2,145,548 as compared with a net income of \$2,377,670 for the same month of the previous year.

In the first nine months of 1960, Canadian air carriers transported 2.3 per cent more revenue passengers and 6.9 per cent more revenue goods than in the corresponding period of 1959. Passengers totalled 3,610,549 in 1960 as against 3,529,567 in 1959 and goods amounted to 189,495,610 lbs. as compared with 177,325,825 lbs. Both operating revenues and operating expenses were up in the January - September period. Operating revenues rose 8 per cent to \$181,528,009 in 1960 from \$168,099,950 in 1959 and operating expenses increased 10.9 per cent to \$179,191,342 from \$161,604,607.

In September, 90.4 per cent of all revenue passengers and 41.4 per cent of all revenue goods were carried on unit toll service. Corresponding figures for September, 1959, were 91.1 per cent and 47.3 per cent. A complete breakdown of unit toll services into scheduled and non-scheduled services is not possible since some carriers offer both services on specific routes. In such cases, the route is assigned to the class of service which predominates.

Of all revenue passengers and all revenue goods transported by Canadian carriers in September, 87.5 per cent of the passengers and 38.4 per cent of the goods were transported by six scheduled carriers. In the same month of 1959, seven scheduled carriers transported 91.3 per cent of all revenue passengers and 53.6 per cent of all revenue goods. Operating revenues carried by the scheduled carriers in September 1960 accounted for 83.6 per cent of the operating revenues earned by all Canadian carriers and operating expenses amounted to 86.1 per cent of the total. In September, 1959, scheduled carriers earned 82.7 per cent of all revenues and were responsible for 84.9 per cent of all expenses.

Table 8 shows data for companies operating helicopters only. These companies operate approximately 75 per cent of all helicopters in Canada. In September, their operating revenues amounted to \$747,933 and their operating expenses \$488,370. In the previous month, helicopter carriers had reported operating revenues of \$946,496 and operating expenses of \$526,370.

Tables 10 and 11, which are included in this report at the end of every quarter, show data on the operations of the Group V carriers for the third quarter of 1960 and for the first nine months of the year. The information provided in these two tables is excluded from all other tables of the report.

Foreign carriers licensed to operate in Canada transported, in September, 6.2 per cent more revenue passengers and 18.7 per cent more revenue goods than in the same month of 1959. Passengers carried numbered 71,694 as compared with 67,513 a year before and goods transported amounted to 1,462,287 lbs. as against 1,231,563 lbs. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and in transit passengers and goods are excluded.

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

September, 1960

	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	16	55	71	77	9	7	93	...
<u>Transportation services:</u>									
Unit toll:									
Revenue departures	No.	19,863	975	782	1,757	21,620	..	..	...
Revenue hours flown	"	29,884	2,130	576	2,706	32,590	629	890	34,109
Revenue miles scheduled ...	"	6,082,752	...	...	...	6,082,752	160,083	266,298	6,509,133
Revenue miles flown:									
Scheduled services	"	6,195,099(4)	...	...	...	6,195,099(4)	151,965	297,666	6,644,730(4)
Non-scheduled services ..	"	361,190(4)	270,034	69,184	339,218	700,408(4)	-	-	700,408(4)
Totals	"	6,556,289	270,034	69,184	339,218	6,895,507	151,965	297,666	7,345,138
Revenue passengers carried	"	389,501	7,988	4,871	12,859	402,360	53,541	18,153	474,054
Revenue goods carried:									
Cargo	lb.	5,713,734	459,030	139,026	598,056	6,311,790	621,414	638,304	8,260,306
Excess baggage	"	652,724	16,352	19,722	36,074	688,798)))
Mail	"	2,562,620	66,069	13,919	79,988	2,642,608	129,069	73,500	2,845,177
Totals	"	8,929,078	541,451	172,667	714,118	9,643,196	750,483	711,804	11,105,483
Revenue passenger-miles ...	No.	265,020,436	1,501,294	313,094	1,814,388	266,834,824	3,024,518	17,313,086	287,172,428
Revenue goods ton-miles:									
Cargo	"	2,837,302	125,411	5,080	130,491	2,967,793	21,121	248,854	3,420,891
Excess baggage	"	176,187	6,342	594	6,936	183,123)))
Mail	"	1,088,943	25,210	953	26,163	1,115,106	3,697	31,242	1,150,045
Totals	"	4,102,432	156,963	6,627	163,590	4,266,022	24,818	280,096	4,570,936
Bulk:									
Revenue - Departure	"	2,881	7,925	10,019	17,944	20,825	..	..	..
Hours flown	"	3,091	12,645	10,210	22,855	25,946	1	23	25,970
Miles flown	"	423,295	1,243,833	1,292,016	2,535,849	2,959,144	72	5,900	2,965,116
Passengers carried	"	6,697	15,923	20,152	36,075	42,772	73	97	42,942
Freight carried .	lb.	1,783,932	8,557,811	3,289,722	11,847,533	13,631,465	-	-	13,631,465
<u>Non-transportation services:</u>									
Specialty flying:									
Revenue hours flown	No.	313	1,147	5,309	6,456	6,769	-	-	6,769

See footnotes at end of table.

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

September, 1960

		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: (5)										
Revenue:										
Departures	No.	22,744	8,900	10,801	19,701	42,445	..	..	..	..
Hours flown	"	33,288	15,922	16,095	32,017	65,305	630	913	66,848	573,379
Miles flown	"	6,979,584	1,513,867	1,361,200	2,875,067	9,854,651	152,037	303,566	10,310,254	85,951,313
Passengers carried	"	396,198	23,911	25,023	48,934	445,132	53,614	18,250	516,996	4,178,474
Cargo carried	lb.	7,497,666	9,016,841	3,428,748	12,445,589	19,943,255	621,414(6)	638,304(6)	21,891,771(6)	174,885,059(6)
Goods carried	"	10,713,010	9,099,262	3,462,389	12,561,651	23,274,661	750,483	711,804	24,736,948	202,058,892
Non-revenue:										
Hours flown	No.	906	387	500	887	1,793	5	-	1,798	18,092
Passengers carried	"	..	115	18	133	..	750	779	..	..
Goods carried	lb.	..	10,265	-	10,265	..	38,202	71,007	..	..
Passenger-miles	No.	11,372,037	58,321	-	58,321	11,430,358	56,124	638,203	12,124,685	..
Goods ton-miles	"	385,142	3,557	-	3,557	388,699	5,266	24,339	418,304	5,553,012
Fuel consumed:										
Turbo fuel - Quantity	gal.	7,680,561	-	-	-	7,680,561	562,588	2,676,768	10,919,917	74,646,963
Cost	\$	1,115,897	-	-	-	1,115,897	97,912	261,945	1,475,754	22,788,180
Gasoline - Quantity	gal.	3,931,944	845,778	302,105	1,147,883	5,079,827	244,831	717,293	6,041,951	51,465,416
Cost	\$	1,180,234	337,388	133,085	470,473	1,650,707	72,701	61,252	1,784,660	15,693,569
Oil consumed:										
Turbo aircraft - Quantity	gal.	1,620	-	-	-	1,620	50	41	1,711	15,436
Cost	\$	17,775	-	-	-	17,775	314	325	18,414	178,467
Other aircraft - Quantity	gal.	59,699	10,519	4,761	15,280	74,979	2,533	2,857	80,369	862,183
Cost	\$	55,827	15,511	6,362	21,873	77,700	2,119	2,336	82,155	845,843
Average number of employees:										
Flying personnel	No.	2,274	459	267	726	3,000	..	..	..	..
Other personnel	"	13,052	726	525	1,251	14,303	..	..	..	..
Totals	"	15,326	1,185	792	1,977	17,303	281	580	18,164	17,996
Salaries and wages paid:										
* Flying personnel	\$	1,584,687	322,411	165,493	487,904	2,072,591	..	..	..	..
Other personnel	\$	5,656,509	299,593	197,566	497,159	6,153,668	..	..	..	..
Totals	\$	7,241,196	622,004	363,059	985,063	8,226,259	135,198	260,696	8,622,153	74,393,219

- (1) Nordair Ltd. included with Group III carriers 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) Except for hours flown these data relate to transportation services only.
 (6) Includes excess baggage.

TABLE 2. Revenues and Expenses, Canadian Carriers - All Services, by Revenue Group

September, 1960

	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	15,900,638	763,580	16,664,218	253,180	60,595	313,775	16,977,993	128,272,951
Express	267,125	18,724	285,849	12,616	703	13,319	299,168	2,516,444
Freight	670,728	220,924	891,652	72,958	7,522	80,480	972,132	8,011,617
Excess baggage	157,789	32,267	190,056	7,746	1,125	8,871	198,927	1,381,882
Mail	956,452	79,124	1,035,576	15,551	4,417	19,968	1,055,544	9,753,181
Total unit toll transportation	17,952,732	1,114,619	19,067,351	362,051	74,362	436,413	19,503,764	149,936,075
Bulk transportation	190,961	461,913	652,874	1,810,144	905,284	2,715,428	3,368,302	24,495,879
Total transportation	18,143,693	1,576,532	19,720,225	2,172,195	979,646	3,151,841	22,872,066	174,431,954
Specialty flying services	4,737	53,562	58,299	249,232	347,027	596,259	654,558	3,936,594
Total flying services	18,148,430	1,630,094	19,778,524	2,421,427	1,326,673	3,748,100	23,526,624	178,368,548
Non-flying services	232,464	9,567	242,031	57,729	115,871	173,600	415,631	3,245,226
Total operating revenues	18,380,894	1,639,661	20,020,555	2,479,156	1,442,544	3,921,700	23,942,255	181,613,774
Operating expenses:								
Flying operations	4,246,854	666,363	4,913,217	951,151	459,218	1,410,369	6,323,586	52,399,008
Maintenance	4,181,994	258,494	4,440,488	486,782	227,972	714,754	5,155,242	43,166,673
General services and administration:								
Passenger service	1,299,141	26,319	1,325,460	..	..	..	..	..
Aircraft and traffic servicing	2,473,574	239,692	2,713,266	..	..	..	..	..
Promotion and sales	2,509,093	78,708	2,587,801	..	..	..	..	..
General administration	623,239	143,582	766,821	..	..	..	..	..
Totals	6,905,047	488,301	7,393,348	333,743	144,724	478,467	7,871,815	67,405,162
Depreciation and amortization	1,453,223	133,480	1,586,703	201,486	153,261	354,747	1,941,450	16,266,737
Total operating expenses	16,787,118	1,546,638	18,333,756	1,973,162	985,175	2,958,337	21,292,093	179,237,580
Operating income (loss)	1,593,776	93,023	1,686,799	505,994	457,369	963,363	2,650,162	2,376,194
Non-operating income - net:								
Capital gains and losses	25,264	223,884	249,148	10,919	8,128	19,047	268,195	662,873
Interest and discounts	158,953	4,119	163,072	207	1,238	1,445	164,517	1,184,489
Miscellaneous non-operating income	67,160	3,319	70,479	674	2,939	3,613	74,092	1,068,934
Income before interest expense	1,845,153	324,345	2,169,498	517,794	469,674	987,468	3,156,966	5,292,490
Interest expense	502,928	47,250	550,178	27,054	48,289	75,343	625,521	4,424,563
Income before income taxes	1,342,225	277,095	1,619,320	490,740	421,385	912,125	2,531,445	867,927
Provision for income taxes	-	-	-	366,868	19,029	385,897	385,897	854,598
Net income after income taxes	1,342,225	277,095	1,619,320	123,872	402,356	526,228	2,145,548	13,329

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Revenues and Expenses, Canadian Scheduled Carriers - All Services, by Company

September, 1960

	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	2,915,637	135,796	277,461	184,575	165,748	12,985,001	16,664,218	126,080,989
Express	19,626	-	16,369	27,951	2,355	247,499	313,800	2,436,699
Freight	172,174	82,314	84,147	-	26,512	498,554	863,701	7,142,648
Excess baggage	35,328	3,088	18,095	7,540	3,544	122,461	190,056	1,316,654
Mail	137,068	20,342	42,013	1,349	15,420	819,384	1,035,576	9,228,384
Total unit toll transportation	3,279,833	241,540	438,085	221,415	213,579	14,672,899	19,067,351	146,205,374
Bulk transportation	134,904	12,639	303,333	3,510	142,431	56,057	652,874	5,914,658
Total transportation	3,414,737	254,179	741,418	224,925	356,010	14,728,956	19,720,225	152,120,032
Specialty flying services	-	32,057	21,505	-	-	4,737	58,299	217,082
Total flying services	3,414,737	286,236	762,923	224,925	356,010	14,733,693	19,778,524	152,337,114
Non-flying services	36,464	-	5,497	451	3,619	196,000	242,031	1,609,156
Total operating revenues	3,451,201	286,236	768,420	225,376	359,629	14,929,693	20,020,555	153,946,270
Operating expenses:								
Flying operations	1,125,715	90,130	290,806	76,300	209,127	3,121,139	4,913,217	42,009,768
Maintenance	822,459	39,769	123,973	77,386	17,366	3,359,535	4,440,488	36,607,636
General services and administrations:								
Passenger service	284,573	9,406	7,879	5,707	3,327	1,014,568	1,325,460	11,212,104
Aircraft and traffic servicing	453,430	33,692	172,097	23,173	10,730	2,020,144	2,713,266	23,847,279
Promotion and sales	515,133	4,711	17,423	36,680	19,894	1,993,960	2,587,801	21,584,393
General administration	156,113	27,433	63,278	36,960	15,911	467,126	766,821	6,721,980
Totals	1,409,249	75,242	260,677	102,520	49,862	5,495,798	7,393,348	63,365,756
Depreciation and amortization	232,308	28,673	58,119	30,959	15,729	1,220,915	1,586,703	13,367,907
Total operating expenses	3,589,731	233,814	733,575	287,165	292,084	13,197,387	18,333,756	155,351,067
Operating income (loss)	Dr. 138,530	52,422	34,845	Dr. 61,789	67,545	1,732,306	1,686,799	Dr. 1,404,797
Non-operating income - net:								
Capital gains and losses	25,264	242,529	Dr. 18,696	-	51	-	249,148	462,555
Interest and discounts	7,262	4,112	-	1	6	151,691	163,072	1,151,782
Miscellaneous non-operating income	27,295	314	3,150	Dr. 146	1	39,865	70,479	1,022,130
Income before interest expense	Dr. 78,709	299,377	19,299	Dr. 61,934	67,603	1,923,862	2,169,498	1,231,670
Interest expense	-	9,810	15,825	11,139	10,476	502,928	550,178	3,983,427
Income before income taxes	Dr. 78,709	289,567	3,474	Dr. 73,073	57,127	1,420,934	1,619,320	Dr. 2,751,757
Provision for income taxes	-	-	-	-	-	-	-	1,188
Net income after income taxes	Dr. 78,709	289,567	3,474	Dr. 73,073	57,127	1,420,934	1,619,320	Dr. 2,752,945

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company
September, 1960

		Group I carriers			Group II carriers					Grand (1) 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)	
<u>Transportation services</u>										
Unit toll:										
Revenue departures	No.	1,671	14,749	16,420	658	1,318	698	769	3,443	19,863
Revenue hours flown	"	3,769	22,574	26,343	673	1,523	467	878	3,541	29,884
Revenue miles scheduled	"	951,125	4,862,157	5,813,282	26,324	88,698	126,536	27,912	269,470	6,082,752
Revenue miles flown:										
Scheduled services - Regular	"	927,527	4,781,382	5,708,909	25,677	82,079	52,284	27,562	187,602	5,896,511
Extra section	"	36,232	238,321	274,553	1,318	7,160	5,362	10,195	24,035	298,588
Non-scheduled services	"	46,441	-	46,441	84,163	127,450	27,180	75,956	314,749	361,190
Totals	"	1,010,200	5,019,703	6,029,903	111,158	216,689	84,826	113,713	526,386	6,556,289
Ratio of regular miles flown to miles scheduled										
		97.5	98.3	...	97.5	92.5	41.3	98.7	...	...
Revenue passengers carried	No.	31,841	328,557	360,398	5,606	11,720	7,260	4,517	29,103	389,501
Revenue goods carried:										
Express	lb.	70,548	801,698	872,246	-	33,343	152,299	12,731	198,373	1,070,619
Freight	"	300,047	2,849,728	3,149,775	813,095	492,003	-	188,242	1,493,340	4,643,115
Excess baggage	"	68,880	459,132	528,012	14,572	42,207	51,730	16,203	124,712	652,724
Mail	"	153,643	2,111,554	2,265,197	108,978	131,012	13,021	44,412	297,423	2,562,620
Totals	"	593,118	6,222,112	6,815,230	936,645	698,565	217,050	261,588	2,113,848	8,929,078
Revenue passenger-miles:										
Scheduled services	No.	47,735,905	207,050,969	254,786,874	327,573	1,256,867	1,438,468	608,328	3,631,236	258,418,110
Non-scheduled services	"	1,456,021	-	1,456,021	1,072,181	2,202,452	699,625	1,172,047	5,146,305	6,602,326
Totals	"	49,191,926	207,050,969	256,242,895	1,399,754	3,459,319	2,138,093	1,780,375	8,777,541	265,020,436
Available seat-miles on scheduled services										
	"	78,058,558	279,445,966	357,504,524	701,870	2,330,161	2,125,760	..	..	..
Passenger load factor on scheduled services										
		61.2	74.1	...	46.7	53.9	67.7	..	...	...
Revenue goods ton-miles:										
Express - Scheduled services	No.	19,621	284,482	304,103	-	190	16,742	820	17,752	321,855
Non-scheduled services	"	875	-	875	-	11,742	8,860	2,830	23,432	24,307
Totals	"	20,496	284,482	304,978	-	11,932	25,602	3,650	41,184	346,162
Freight - Scheduled services	"	438,190	1,708,322	2,146,512	2,253	4,282	-	738	7,273	2,153,785
Non-scheduled services	"	1,371	-	1,371	175,512	134,843	-	25,629	335,984	337,355
Totals	"	439,561	1,708,322	2,147,883	177,765	139,125	-	26,367	343,257	2,491,140

See footnotes at end of table.

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

September, 1960

	Group I carriers			Group II carriers					Grand (1) 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)	
<u>Transportation services - concluded:</u>									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services . No.	39,829	111,079	150,908	324	1,536	5,205	940	8,005	158,913
Non-scheduled services	861	-	861	1,836	8,724	3,353	2,500	16,413	17,274
Totals	40,690	111,079	151,769	2,160	10,260	8,558	3,440	24,418	176,187
Mail - Scheduled services	100,284	926,790	1,027,074	3,717	848	446	2,063	7,074	1,034,148
Non-scheduled services	3,627	-	3,627	7,967	37,311	1,139	4,751	51,168	54,795
Totals.....	103,911	926,790	1,030,701	11,684	38,159	1,585	6,814	58,242	1,088,943
Total - Scheduled services	597,924	3,030,673	3,628,597	6,294	6,856	22,393	4,561	40,104	3,668,701
Non-scheduled services	6,734	-	6,734	185,315	192,620	13,352	35,710	426,997	433,731
Totals.....	604,658	3,030,673	3,635,331	191,609	199,476	35,745	40,271	467,101	4,102,432
Available ton-miles on scheduled services	9,597,810	36,082,930	45,680,740	70,997	233,246	239,476	106,265	649,984	46,330,724
Weight load factor on scheduled services (2)	56.0	65.8	...	55.9	56.8	69.4	61.5	...	...
Bulk:									
Revenue - Departures	No. 16	37	53	52	1,760	9	1,007	2,828	2,881
Hours flown	" 226	98	324	68	1,901	9	789	2,767	3,091
Miles flown	" 62,402	21,183	83,585	10,678	224,809	1,362	102,861	339,710	423,295
Passengers carried	" 1,055	851	1,906	526	3,246	150	869	4,791	6,697
Freight carried	lb. -	10,549	10,549	25,864	557,508	-	1,190,011	1,773,383	1,783,932
<u>Non-transportation services</u>									
Specialty flying:									
Revenue hours flown	No. -	19	19	-	274	-	20	294	313
<u>Total - All services</u>									
Traffic: (3)									
Revenue:									
Departures	No. 1,687	14,786	16,473	710	3,078	707	1,776	6,271	22,744
Hours flown	" 3,995	22,691	26,686	741	3,698	476	1,687	6,602	33,288
Miles flown	" 1,072,602	5,040,886	6,113,488	121,836	441,498	86,188	216,574	866,096	6,979,584
Passengers carried	" 32,896	329,408	362,304	6,132	14,966	7,410	5,386	33,894	396,198
Cargo carried	lb. 370,595	3,661,975	4,032,570	838,959	1,082,854	152,299	1,390,984	3,465,096	7,497,666
Goods carried	" 593,118	6,232,661	6,825,779	962,509	1,256,073	217,050	1,451,599	3,887,231	10,713,010

See footnotes at end of table.

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

September, 1960

	Group I carriers			Group II carriers					Grand (1) 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(3) - Concluded:									
Non-revenue:									
Hours flown	No. 177	432	609	21	131	93	52	297	906
Passengers carried	" 819	..	..	110	140	97	96	443	..
Goods carried	lb. 58,144	..	..	21,769	20,235	-	8,474	50,478	..
Passenger-miles	No. 2,483,420	8,709,268	11,192,688	36,080	55,206	30,201	57,862	179,349	11,372,037
Goods ton-miles	" 88,442	278,839	367,281	6,603	8,728	-	2,530	17,861	385,142
Fuel consumed:									
Turbo fuel - Quantity	gal. 1,444,422	6,112,060	7,556,482	31,781	-	92,298	-	124,079	7,680,561
Cost	\$ 254,696	832,592	1,087,288	7,853	-	20,756	-	28,609	1,115,897
Gasoline - Quantity	gal. 573,370	2,867,438	3,440,808	81,498	268,217	14,381	127,040	491,136	3,931,944
Cost	\$ 178,197	786,382	964,579	26,587	117,318	6,030	65,720	215,655	1,180,234
Oil consumed:									
Turbo aircraft - Quantity	gal. 218	1,330	1,548	12	-	60	-	72	1,620
Cost	\$ 190	16,596	16,786	149	-	840	-	989	17,775
Other aircraft - Quantity	gal. 7,885	45,544	53,429	1,113	3,464	248	1,445	6,270	59,699
Cost	\$ 10,106	38,633	48,739	1,090	4,330	223	1,445	7,088	55,827
Average number of employees:									
Flying personnel	No. 421	1,589	2,010	34	140	44	46	264	2,274
Other personnel	" 2,245	9,770	12,015	164	469	241	163	1,037	13,052
Totals	" 2,666	11,359	14,025	198	609	285	209	1,301	15,326
Salaries and wages paid:									
Flying personnel	\$ 320,656	1,101,199	1,421,855	25,099	86,776	20,187	30,770	162,832	1,584,687
Other personnel	\$ 874,702	4,389,411	5,264,113	57,448	194,169	78,400	62,379	392,396	5,656,509
Totals	\$ 1,195,358	5,490,610	6,685,968	82,547	280,945	98,587	93,149	555,228	7,241,196

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

(2) Standard passenger weight used: 200 pounds.

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

TABLE 5. Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company
September, 1960

		Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:								
Originated	No.	25,498	5,068	11,096	7,260	3,821	279,718	332,461
Domestic interline	"	3,506	538	-	-	-	48,839	55,550
Foreign interline	"	2,667	-	-	-	-	-	-
Totals (2)	"	31,671	5,606	11,096	7,260	3,821	328,557	388,011
Revenue express carried:								
Originated	lb.	70,548	-	33,343	152,299	12,731	801,698	1,070,619
Domestic interline	"	-	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-	-
Totals (2)	"	70,548	-	33,343	152,299	12,731	801,698	1,070,619
Revenue freight carried:								
Originated	"	199,520	627,509	462,044	-	51,666	2,849,728	4,190,467
Domestic interline	"	13,426	-	-	-	-	-	13,426
Foreign interline	"	57,208	-	-	-	-	-	57,208
Totals (2)	"	270,154	627,509	462,044	-	51,666	2,849,728	4,261,101
Revenue excess baggage carried:								
Originated	"	62,431	14,572	41,587	51,730	12,763	429,149	612,232
Domestic interline	"	2,515	-	-	-	-	4,456	6,971
Foreign interline	"	3,895	-	-	-	-	25,527	29,422
Totals (2)	"	68,841	14,572	41,587	51,730	12,763	459,132	648,625
Revenue mail carried:								
Originated	"	153,643	108,978	124,746	13,021	20,094	2,111,554	2,532,036
Domestic interline	"	-	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-	-
Totals (2)	"	153,643	108,978	124,746	13,021	20,094	2,111,554	2,532,036

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

(2) Excludes division interline.

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

September, 1960

		Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No.	2,709	467	223	91	3,490	12,930	16,420
Revenue hours flown	"	4,367	2,401	939	672	8,379	17,964	26,343
Revenue miles scheduled	"	906,925	748,749	247,159	206,059	2,108,892	3,704,390	5,813,282
Revenue miles flown:								
Scheduled services - Regular	"	882,641	726,042	242,551	197,427	2,048,661	3,660,248	5,708,909
Extra sections	"	24,769	37,067	6,788	-	68,624	205,929	274,553
Non-scheduled services	"	-	-	-	-	-	46,441	46,441
Totals	"	907,410	763,109	249,339	197,427	2,117,285	3,912,618	6,029,903
Ratio of regular miles flown to miles scheduled		97.3	97.0	98.1	95.8	97.1	98.8	98.2
Revenue passenger-miles	No.	29,692,026	51,161,580	9,263,517	7,395,461	97,512,584	158,730,311	256,242,895
Available seat-miles on scheduled services	"	39,774,713	76,173,274	17,782,975	14,413,146	148,144,108	209,360,416	357,504,524
Passenger load factor on scheduled services		74.7	67.2	52.1	51.3	65.8	75.1	71.3
Revenue goods ton-miles:								
Express	No.	45,249	-	-	-	45,249	259,729	304,978
Freight	"	136,097	602,277	57,930	203,449	999,753	1,148,130	2,147,883
Excess baggage	"	18,372	22,848	11,860	5,979	59,059	92,710	151,769
Mail	"	31,536	184,157	18,855	48,294	282,842	747,859	1,030,701
Totals	"	231,254	809,282	88,645	257,722	1,386,903	2,248,428	3,635,331
Available ton-miles on scheduled services	"	4,594,313	9,236,998	2,204,225	1,817,988	17,853,524	27,827,216	45,680,740
Weight load factor on scheduled services (1)		69.8	64.1	46.0	54.9	62.4	65.1	64.0

(1) Standard passenger weight used: 200 pounds.

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

September, 1960

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	3,371	50,532	34,665	558,025
Recreational flying	606	12,895	5,274	106,274
Aerial photography and survey	886	159,369	6,858	1,080,720
Aerial photography (excl. survey)	196	21,760	1,354	107,848
Aerial pest control	33	205,962	2,069	729,457
Aerial advertising	8	585	80	4,151
Aerial patrol and inspection	1,207	139,856	9,511	930,762
Philanthropic	2	-	73	Dr. 584
Aerial fish cultivation	14	978	35	2,666
Geophysical survey	345	37,471	3,805	534,864
Non-transportation charter	13	2,166	332	35,926
Other specialty flying	88	10,826	194	18,606
Total specialty flying	6,769	642,400	64,250	4,108,715

TABLE 8. Operating Statistics, Canadian Carriers Operating
Helicopters only, Groups I to IV

September, 1960

	Month	Year to date
Revenue hours flown	No. 5,008	41,259
Average number of aircraft	" 108	100
Average number of employees:		
Flying personnel	" 208	182
Other personnel	" 133	144
Totals	" 341	327
Salaries and wages paid:		
Flying personnel	\$ 111,602	907,148
Other personnel	\$ 57,806	648,160
Totals	\$ 169,408	1,555,308
Operating revenues:		
Bulk transportation	\$ 715,428	4,675,668
Other flying services	\$ 17,627	179,057
Non-flying services	\$ 14,878	224,490
Totals	\$ 747,933	5,079,215
Operating expenses:		
Flying operations	\$ 209,912	1,627,065
Maintenance	\$ 96,164	939,665
General services and administration ..	\$ 86,112	632,175
Depreciation and amortization	\$ 96,182	734,065
Totals	\$ 488,370	3,932,970
Operating income (Loss)	\$ 259,563	1,146,245
Net income (deficit) after income taxes	\$ 64,653	948,346

TABLE 9. Transportation Statistics, Foreign Carriers - Unit Toll Services, by Area of Service

September, 1957-1960

	United States			Europe			All others			Totals		
	To	From	Total	To	From	Total	To	From	Total	To	From	Total
	number											
Revenue passengers carried:												
1957	24,462	22,435	46,897	2,683	4,266	6,949	249	266	515	27,394	26,967	54,361
1958	21,639	20,076	41,715	3,034	6,199	9,233	259	152	411	24,932	26,427	51,359
1959	27,818	24,348	52,166	4,750	9,614	14,364	296	227	523	32,864	34,189	67,053
1960	27,609	25,932	53,541	6,651	10,894	17,545	337	271	608	34,597	37,097	71,694
Revenue freight, express and excess baggage carried:	lbs.											
1957	76,288	486,230	562,518	21,120	131,856	152,976	2,596	1,562	4,158	100,004	619,648	719,652
1958	79,085	476,821	555,906	37,097	154,522	191,619	1,708	455	2,163	117,890	631,798	749,688
1959	111,307	560,585	671,892	40,056	266,135	306,191	7,518	850	8,368	158,881	827,570	986,451
1960	104,943	516,471	621,414	64,248	566,618	630,866	6,648	790	7,438	175,839	1,083,879	1,259,718
Mail carried:												
1957	31,382	78,270	109,652	3,292	63,501	66,793	-	290	290	34,674	142,061	176,735
1958	34,101	85,284	119,385	3,056	62,654	65,710	313	478	791	37,470	148,416	185,886
1959	39,443	80,344	119,787	4,118	81,685	85,803	302	493	795	43,863	162,522	206,385
1960	42,559	86,510	129,069	23,480	49,294	72,774	423	303	726	66,462	136,107	202,569

TABLE 10. Operating Statistics, Canadian Group V Carriers

Third Quarter, 1960

	Quarter	Year to date
Number of reporting carriers	148	...
Bulk transportation:		
Revenue hours flown No.	22,186	43,633
Revenue passengers carried "	45,865	83,963
Revenue goods carried lb.	3,062,289	5,705,544
Specialty flying services:		
Revenue hours flown:		
Flying training No.	16,705	44,238
Recreational flying "	6,477	10,152
Aerial photography and survey "	92	94
Aerial photography (excl. survey) "	99	103
Aerial pest control "	1,993	4,472
Aerial advertising "	47	47
Aerial patrol and inspection "	1,816	4,220
Philanthropic "	-	-
Aerial fish cultivation "	-	-
Geophysical survey "	858	1,532
Non-transportation charter "	77	1,308
Other specialty flying "	882	3,237
Total specialty flying services "	29,046	69,403
Total - All services:		
Revenue hours flown "	51,232	111,720
Non-revenue hours flown "	3,262	6,825

TABLE 11. Revenues and Expenses, Canadian Group V Carriers

Third Quarter, 1960

	Quarter	Year to date
	dollars	
Operating revenues:		
Bulk transportation	1,129,497	2,189,856
Specialty flying services	911,267	1,649,077
Total flying services	2,040,764	3,838,933
Non-flying services	557,414	1,212,854
Total operating revenues	2,598,178	5,051,787
Operating expenses:		
Flying operations	935,128	1,894,097
Maintenance	407,166	821,791
General services and administration	448,129	1,149,083
Depreciation	298,700	563,952
Total operating expenses	2,089,123	4,428,923
Operating income (loss)	509,055	622,864
Non-operating income - net	Dr. 8,349	Dr. 19,595
Income before income taxes	500,706	603,269
Provision for income taxes	40,327	63,300
Net income after income taxes	460,379	539,969

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Transportation of passengers or goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and(ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points.
Bulk Transportation:	Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Scheduled Carriers:	Carriers operating some unit toll scheduled service.
Non-Scheduled Carriers:	Carriers not operating any unit toll scheduled service.
Revenue 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 service plus one major transport carrier: Nordair Limited.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Groups 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.

Air Cargo:	Air freight and air express.
Goods:	Air Cargo plus excess baggage and air mail.
Passenger Load Factors:	Ratio of revenue passenger-miles performed to available seat-miles.
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.



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