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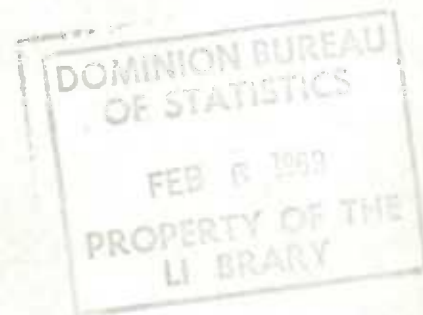
CANADA

CIVIL AVIATION

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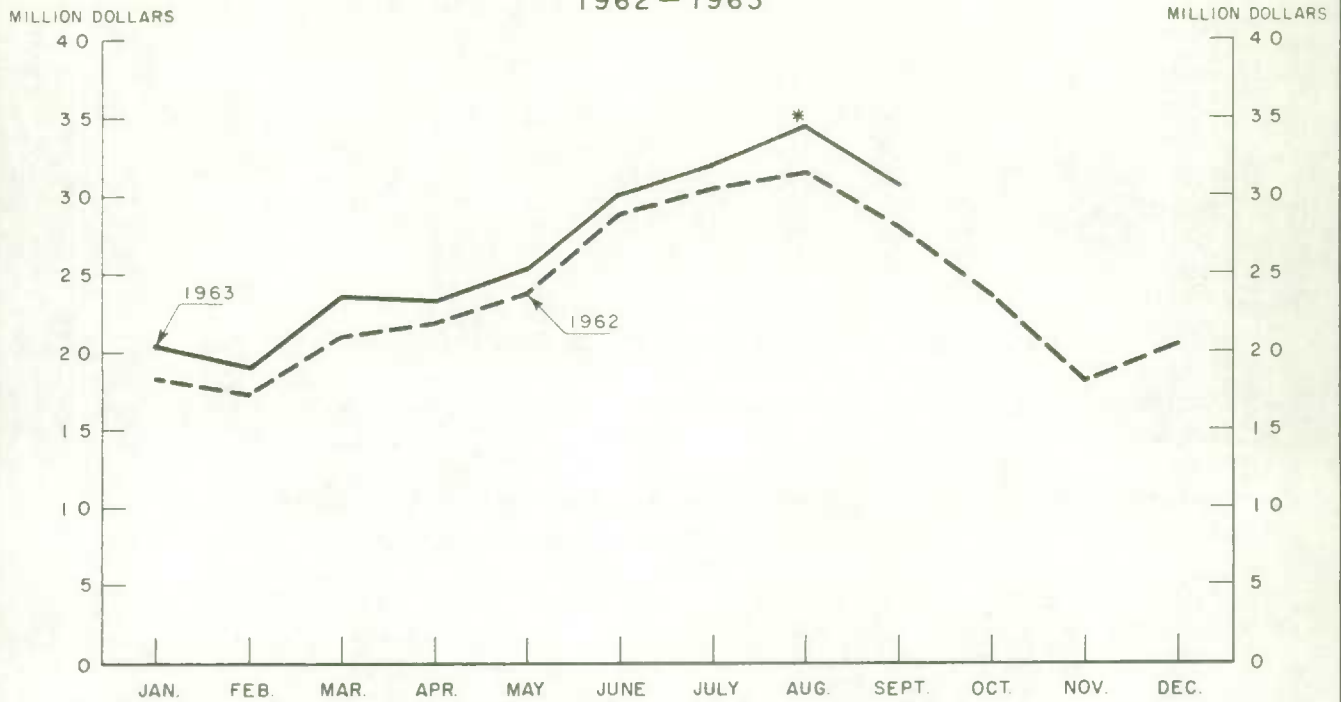
SYMBOLS

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

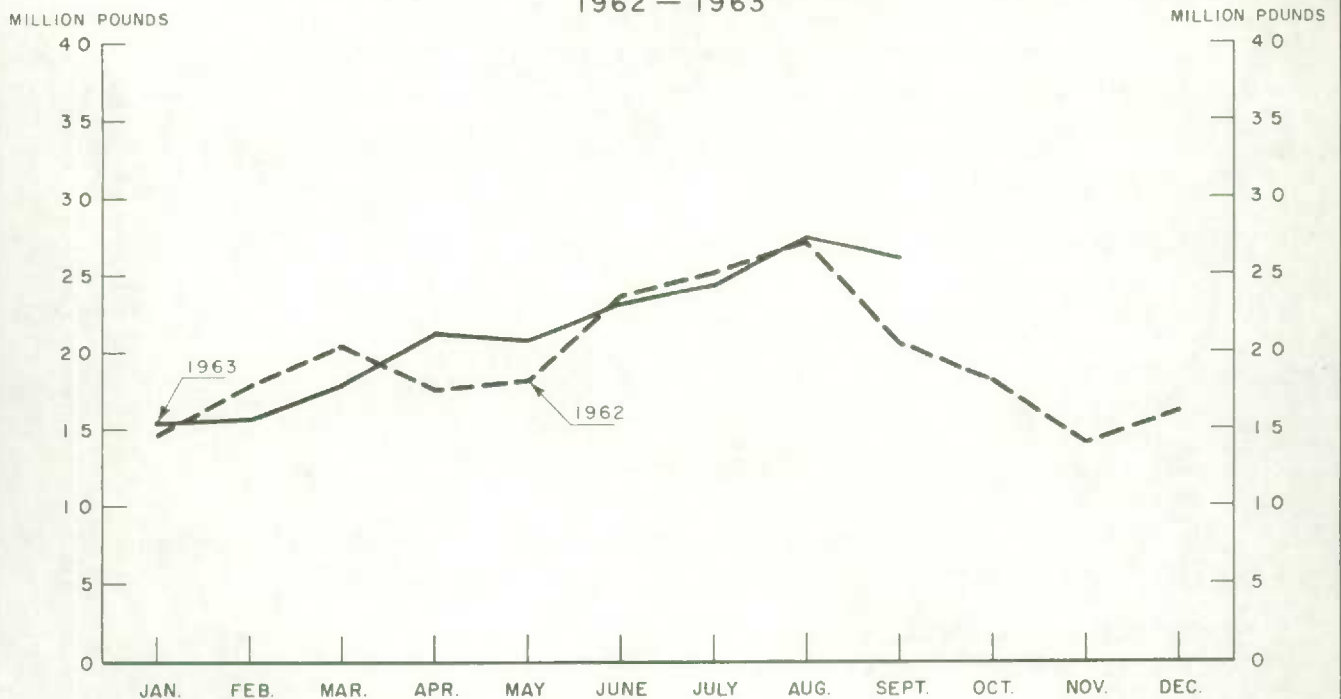
1962 - 1963



* ALL TIME HIGH FOR SINGLE MONTH.

REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1962 - 1963



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

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 September Operations:

During the month of September 1963, Canadian air carriers transported more revenue passengers and more revenue goods than in September of the previous year. Passengers carried rose 5.4 per cent to 520,036 and revenue goods rose 27.4 per cent to 13,068 tons.

On the financial side, operating revenues increased 10.1 per cent (over September 1962) to \$30,761,600 and operating expenses rose 8.1 per cent to \$25,747,535. As a result the operating income for September amounted to \$5,014,065 compared with \$4,117,108 in September 1962. The net income after provision for income taxes amounted to \$3,940,967 as against \$3,190,740 in September of the previous year.

In September, the six scheduled carriers transported 454,306 revenue passengers or 87.4 per cent of the total number carried. Scheduled carriers also transported 6,625 tons of revenue goods or 50.7 per cent of the total. Comparable figures for September 1962 were 433,797 revenue passengers or 87.9 per cent of the total and 5,530 tons of revenue goods or 53.9 per cent of the total. The scheduled carriers also accounted for 87.2 per cent of the operating revenues and 87.6 per cent of the operating expenses. Corresponding figures for September of the previous year were 87.4 per cent and 87.2 per cent respectively.

The Cumulative View:

For the first nine months of 1963 both the number of revenue passengers and the volume of revenue goods carried increased in comparison with the same period a year earlier. Revenue passengers carried increased 13.1 per cent to 4,632,306 while revenue goods carried rose 9.4 per cent to 103,496 tons. Operating revenues for the period were \$239,535,793, up 7.9 per cent from September 1962, while operating expenses rose 4.8 per cent to \$219,651,729.

Foreign Carriers

Foreign carriers licensed to operate in Canada are required to report statistics of their performance over Canadian territory only.

During September, foreign carriers licensed to operate in Canada transported 82,130 revenue passengers, an increase of 17.8 per cent over passengers reported in September, 1962. The volume of goods carried rose 5.9 per cent to 1,002 tons.

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

September 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	21	64	85	91	10	9	110	...
Transportation services:									
Unit toll:									
Revenue departures No.	17,440	2,776	796	3,572	21,012	..	..	..	..
Revenue hours flown "	22,346	2,829	546	3,375	25,721	331	1,085	27,137	240,179
Revenue miles scheduled "	5,758,719	...	...	...	5,758,719	81,482	433,378	6,273,579	54,631,107
Revenue miles flown:									
Scheduled services "	5,863,866(4)	...	...	...	5,863,866(4)	79,162	402,000	6,345,028(4)	55,318,853(4)
Non-scheduled services ... "	345,039(4)	377,844	66,810	444,654	789,693(4)	-	-	789,693(4)	6,643,006(4)
Totals "	6,208,905	377,844	66,810	444,654	6,653,559	79,162	402,000	7,134,721	61,961,859
Revenue passengers carried "	437,058	13,878	2,191	16,069	453,127	56,414	22,408	531,949	4,324,028
Revenue goods carried:									
Cargo lb.	7,706,136	636,924	242,605	879,529	8,585,665	645,120	1,113,767	10,460,197	86,482,559
Excess baggage "	88,592(5)	20,129	6,924	27,053	115,645(5)				
Mail "	3,011,640	97,267	13,781	111,048	3,122,688				
Totals "	10,806,368	754,320	263,310	1,017,630	11,823,998				
Revenue passenger-miles No.	346,131,873	3,368,073	172,342	3,540,415	349,672,288✓	2,327,551	18,336,240	370,336,079	2,950,810,094
Revenue goods ton-miles:									
Cargo "	4,381,720	130,895	16,740	147,635	4,529,355✓	15,635	406,838	5,207,517	44,369,685
Excess baggage "	247,024	8,348	317	8,665	255,689✓				
Mail "	1,311,330	31,821	933	32,754	1,344,084✓				
Totals "	5,940,074	171,064	17,990	189,054	6,129,128				
Bulk:									
Revenue - Departure "	3,028	11,868	15,115	26,983	30,011	..	..	..	..
Hours flown "	4,545	14,489	10,236	24,725	29,270✓	2	102	29,374	205,884
Miles flown "	932,844	1,172,729	1,006,395	2,179,124	3,111,968	531	41,500	3,153,999	22,054,982
Passengers carried "	17,248	23,785	25,876	49,661	66,909	437	2,871	70,217	487,010
Freight carried .. lb.	2,443,186	7,965,078	3,903,491	11,868,569	14,311,755	-	-	14,311,755	92,157,150
Non-transportation services:									
Specialty flying:									
Revenue hours flown No.	24	2,053	5,958	8,011	8,035	-	-	8,035	67,378

See footnotes at end of table.

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

September 1963

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date	
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)			
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Traffic, hours and miles:(6)										
Revenue:										
Departures	No.	20,468	14,644	15,911	30,555	51,023	..	..	..	..
Hours flown	"	26,915	19,371	16,740	36,111	63,026	333	1,187	64,546	513,441
Miles flown	"	7,141,749	1,550,573	1,073,205	2,623,778	9,765,527	79,693	443,500	10,288,720	84,016,841
Passengers carried	"	454,306	37,663	28,067	65,730	520,036	56,851	25,279	602,166	4,811,038
Cargo carried	lb.	10,149,322	8,602,002	4,146,096	12,748,098	22,897,420	645,120(7)	1,113,767(7)	24,771,952(7)	178,639,709(7)
Goods carried	"	13,249,554	8,719,398	4,166,801	12,886,199	26,135,753	765,718	1,238,252	28,139,723	210,889,702
Non-revenue:										
Hours flown	No.	428	880	544	1,424	1,852	123	-	1,975	17,721
Passengers carried	"	..	346	3	349	..	1,059	545	..	..
Goods carried	lb.	..	57,966	2,100	60,066	..	5,650	60,985	..	..
Passenger-miles	No.	17,717,212	234,757	491	235,248	17,952,460	47,076	348,873	18,348,409	161,400,861
Goods ton-miles	"	490,643	36,298	135	36,433	527,076	134	13,722	540,932	5,273,555
Fuel consumed:										
Turbo fuel - Quantity	gal.	17,088,749	63,600	17,917	81,517	17,170,266	97,606	3,345,301	20,613,173	170,018,025
Cost	\$	2,521,152	15,264	4,611	19,875	2,541,027	15,933	552,039	3,108,999	25,224,995
Gasoline - Quantity	gal.	1,022,700	797,209	269,377	1,066,586	2,089,286	84,846	144,849	2,318,981	18,040,076
Cost	\$	335,221	320,090	118,899	438,989	774,210	20,222	37,936	832,368	6,348,977
Oil consumed:										
Turbo aircraft - Quantity ..	gal.	4,576	978	3	981	5,557	6	121	5,684	43,065
Cost	\$	27,689	1,223	45	1,263	28,957	36	1,077	30,070	333,485
Other aircraft - Quantity ..	gal.	12,118	10,795	3,215	14,010	26,128	807	1,077	28,012	220,233
Cost	\$	12,067	18,753	4,558	23,311	35,378	706	941	37,025	276,928
Average number of employees:										
Flying personnel	No.	2,113	610	274	884	2,997	..	..	..	..
Other personnel	"	13,276	811	491	1,302	14,578	..	..	..	..
Totals	"	15,389	1,421	765	2,186	17,575	212	734	18,521	18,520
Salaries and wages paid:										
Flying personnel	\$	1,738,270	405,567	170,013	575,580	2,313,850	..	..	..	..
Other personnel	\$	6,320,808	383,856	189,981	573,837	6,894,645	..	..	..	..
Totals	\$	8,059,078	789,423	359,994	1,149,417	9,208,495	112,518	327,286	9,648,299	84,546,078

(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

September 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	20,678,228	886,950	21,565,178	404,566	32,269	436,835	22,002,013	174,253,366
Express	386,959	99,673	486,632	9,183	4,037	13,220	499,852	3,372,358
Freight	1,028,287	93,701	1,121,988	84,291	11,623	95,914	1,217,902	10,056,082
Excess baggage	120,584	20,298	140,882	10,081	647	10,728	151,610	1,173,627
Mail	1,090,482	90,531	1,181,013	38,151	3,650	41,801	1,222,814	11,382,612
Total unit toll transportation ..	23,304,540	1,191,153	24,495,693	546,272	52,226	598,498	25,094,191	200,238,045
Bulk transportation	1,220,329	695,396	1,915,725	1,769,283	796,915	2,566,198	4,481,923	30,551,775
Total transportation	24,524,869	1,886,549	26,411,418	2,315,555	849,141	3,164,696	29,576,114	230,789,820
Other flying services	6,707	1,517	8,224	384,531	186,261	570,792	579,016	3,994,661
Total flying services	24,531,576	1,888,066	26,419,642	2,700,086	1,035,402	3,735,488	30,155,130	234,784,481
Non-flying services	393,929	20,250	414,179	97,462	94,829	192,291	606,470	4,751,312
Total operating revenues	24,925,505	1,908,316	26,833,821	2,797,548	1,130,231	3,927,779	30,761,600	239,535,793
Operating expenses:								
Flying operations	5,390,651	573,580	5,964,231	1,065,789	404,731	1,470,520	7,434,751	61,159,151
Maintenance	4,154,446	449,351	4,603,797	622,402	236,348	858,750	5,462,547	47,366,811
General services and administration:								
Passenger service	1,664,816	46,219	1,711,035	..	..	..	..	..
Aircraft and traffic servicing	3,011,605	218,536	3,230,141	..	..	..	..	..
Promotion and sales	3,519,014	127,212	3,646,226	..	..	..	..	..
General administration	811,230	108,857	920,087	..	..	..	..	..
Totals	9,006,665	500,824	9,507,489	407,818	157,577	565,395	10,072,884	86,629,266
Depreciation and amortization	2,396,679	87,404	2,484,083	208,255	85,015	293,270	2,777,353	24,496,501
Total operating expenses	20,948,441	1,611,159	22,559,600	2,304,264	883,671	3,187,935	25,747,535	219,651,729
Operating income (loss)	3,977,064	297,157	4,274,221	493,284	246,560	739,844	5,014,065	19,884,064
Non-operating income - Net:								
Capital gains and losses	-	Dr. 965	Dr. 965	116,786	8,880	125,666	124,701	654,333
Interest and discounts	129,561	849	130,410	5,475	996	6,471	136,881	1,014,519
Miscellaneous non-operating income ..	7,115	Dr. 4,236	2,879	1,597	4,187	5,784	8,663	106,149
Income before interest expense	4,113,740	292,805	4,406,545	617,142	260,623	877,765	5,284,310	21,659,065
Interest expense	937,565	35,227	972,792	61,188	11,442	72,630	1,045,422	9,619,616
Income before income taxes	3,176,175	257,578	3,433,753	555,954	249,181	805,135	4,238,888	12,039,449
Provision for income taxes	-	155,000	155,000	48,169	94,752	142,921	297,921	466,973
Net income after income taxes	3,176,175	102,578	3,278,753	507,785	154,429	662,214	3,940,967	11,572,476

(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

September 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	4,450,451	99,777	306,380	285,388	195,405	16,227,777	21,565,178	171,020,451
Express	17,515	49,765	9,826	37,988	2,094	369,444	486,632	3,270,474
Freight	240,280	9,994	64,259	-	19,448	788,007	1,121,988	9,185,314
Excess baggage	41,435	1,493	8,213	8,107	2,485	79,149	140,882	1,103,141
Mail	232,852	20,326	42,386	3,279	24,540	857,630	1,181,013	10,657,214
Total unit toll transportation ..	4,982,533	181,355	431,064	334,762	243,972	18,322,007	24,495,693	195,236,594
Bulk transportation	518,952	10,434	199,879	910	484,173	701,377	1,915,725	12,772,001
Total transportation	5,501,485	191,789	630,943	335,672	728,145	19,023,384	26,411,418	208,008,595
Other flying services	-	-	-	-	1,517	6,707	8,224	57,681
Total flying services	5,501,485	191,789	630,943	335,672	729,662	19,030,091	26,419,642	208,066,276
Non-flying services	100,263	11,118	1,911	2,960	4,261	293,666	414,179	2,870,049
Total operating revenues	5,601,748	202,907	632,854	338,632	733,923	19,323,757	26,833,821	210,936,325
Operating expenses:								
Flying operations	1,802,275	56,674	200,526	90,852	225,528	3,588,376	5,964,231	50,528,716
Maintenance	761,908	43,324	124,545	77,487	203,995	3,392,538	4,603,797	40,195,822
General services and administrations:								
Passenger service	443,949	5,358	17,322	4,308	19,231	1,220,867	1,711,035	14,554,976
Aircraft and traffic servicing	527,256	30,019	134,457	26,852	27,208	2,484,349	3,230,141	27,947,668
Promotion and sales	972,001	6,185	26,361	52,767	41,899	2,547,013	3,646,226	30,914,863
General administration	197,091	30,984	28,109	26,929	22,835	614,139	920,087	8,453,030
Totals	2,140,297	72,546	206,249	110,856	111,173	6,866,368	9,507,489	81,870,537
Depreciation and amortization	205,601	-	32,192	32,111	23,101	2,191,078	2,484,083	21,988,179
Total operating expenses	4,910,081	172,544	563,512	311,306	563,797	16,038,360	22,559,600	194,583,254
Operating income (loss)	691,667	30,363	69,342	27,326	170,126	3,285,397	4,274,221	16,353,071
Non-operating income - Net:								
Capital gains and losses	- Dr.	61	Dr.	299	- Dr.	605	- Dr.	965
Interest and discounts	60,621	517	-	-	332	68,940	130,410	968,464
Miscellaneous non-operating income ..	7,926	Dr.	166	Dr.	4,293	298	Dr.	75
Income before interest expense	760,214	30,653	64,750	27,624	169,778	3,353,526	4,406,545	17,550,511
Interest expense	-	566	12,892	13,920	7,849	937,565	972,792	9,103,726
Income before income taxes	760,214	30,087	51,858	13,704	161,929	2,415,961	3,433,753	8,446,785
Provision for income taxes	-	-	-	-	155,000	-	155,000	155,145
Net income after income taxes	760,214	30,087	51,858	13,704	6,929	2,415,961	3,278,753	8,291,640

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

September 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.	1,804	11,543	13,347	634	1,196	1,103	1,160	4,093	17,440
Revenue hours flown	"	3,499	15,053	18,552	495	1,222	804	1,273	3,794	22,346
Revenue miles scheduled	"	1,205,839	4,240,648	5,446,487	25,210	166,294	75,095	45,633	312,232	5,758,719
Revenue miles flown:										
Scheduled services - Regular	"	1,180,785	4,235,616	5,416,401	23,780	158,094	73,386	45,633	300,893	5,717,294
Extra section	"	8,882	128,758	137,640	47	4,352	4,533	-	8,932	146,572
Non-scheduled services	"	52,848	-	52,848	59,421	24,145	71,114	137,511	292,191	345,039
Totals	"	1,242,515	4,364,374	5,606,889	83,248	186,591	149,033	183,144	602,016	6,208,905
Ratio of regular miles flown to miles scheduled		97.9	99.9	99.4	94.3	95.1	97.7	100.0	96.4	99.3
Revenue passengers carried	No.	43,194	359,064	402,258	4,843	13,314	10,054	6,589	34,800	437,058
Revenue goods carried:										
Express	lb.	76,237	1,073,013	1,149,250	-	25,973	160,377	14,696	201,046	1,350,296
Freight	"	657,222	4,647,524	5,304,746	449,563	486,114	-	115,417	1,051,094	6,355,840
Excess baggage .....	"	..	..	..	11,828	24,462	39,239	13,063	88,592	88,592
Mail	"	194,046	2,441,788	2,635,834	109,432	153,738	26,866	85,770	375,806	3,011,640
Totals	"	927,505	8,162,325	9,089,830	570,823	690,287	226,482	228,946	1,716,538	10,806,368
Revenue passenger-miles:										
Scheduled services	No.	74,108,209	260,797,078	334,905,287	366,556	3,318,236	1,716,537	282,098	5,683,427	340,588,714
Non-scheduled services	"	1,340,628	-	1,340,628	667,477	88,380	1,516,261	1,930,413	4,202,531	5,543,159
Totals	"	75,448,837	260,797,078	336,245,915	1,034,033	3,406,616	3,232,798	2,212,511	9,885,958	346,131,873
Available seat-miles on scheduled services	"	143,404,377	423,998,251	567,402,628	1,104,808	7,046,256	2,716,444	1,026,125	11,893,633	579,296,261
Passenger load factor on scheduled services		51.7	61.5	59.0	33.2	47.1	63.2	27.5	47.8	58.8
Revenue goods ton-miles:										
Express - Scheduled services	No.	19,762	380,878	400,640	-	6,982	18,337	218	25,537	426,177
Non-scheduled services	"	949	-	949	-	-	16,894	3,070	19,964	20,913
Totals	"	20,711	380,878	401,589	-	6,982	35,231	3,288	45,501	447,090
Freight - Scheduled services	"	773,165	2,912,554	3,685,719	2,150	116,246	-	550	118,946	3,804,665
Non-scheduled services	"	2,249	-	2,249	99,426	6,701	-	21,589	127,716	129,965
Totals	"	775,414	2,912,554	3,687,968	101,576	122,947	-	22,139	246,662	3,934,630

See footnotes at end of table.

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

September 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.	44,553	185,326	229,879	276	4,444	3,814	85	8,619	238,498
Non-scheduled services	105	-	105	1,140	37	4,659	2,585	8,421	8,526
Totals	44,658	185,326	229,984	1,416	4,481	8,473	2,670	17,040	247,024
Mail - Scheduled services	205,798	1,037,181	1,242,979	3,632	38,191	889	966	43,678	1,286,657
Non-scheduled services	3,803	-	3,803	9,069	211	1,190	10,400	20,870	24,673
Totals	209,601	1,037,181	1,246,782	12,701	38,402	2,079	11,366	64,548	1,311,330
Total - Scheduled services	1,043,278	4,515,939	5,559,217	6,058	165,863	23,040	1,819	196,780	5,755,997
Non-scheduled services	7,106	-	7,106	109,635	6,949	22,743	37,644	176,971	184,077
Totals	1,050,384	4,515,939	5,566,323	115,693	172,812	45,783	39,463	373,751	5,940,074
Available ton-miles on scheduled services	18,903,137	57,657,666	76,560,803	120,079	1,017,927	270,555	114,481	1,523,042	78,083,845
Weight load factor on scheduled services(3)	44.7	53.1	51.0	35.6	48.9	72.0	26.2	50.2	51.0
Bulk:									
Revenue - Departures	No. 100	177	277	44	1,981	2	724	2,751	3,028
Hours flown	" 626	558	1,184	57	1,696	4	1,604	3,361	4,545
Miles flown	" 213,590	240,783	454,373	8,276	191,762	674	277,759	478,471	932,844
Passengers carried	" 3,763	7,922	11,685	571	3,183	51	1,758	5,563	17,248
Freight carried	lb. -	-	-	21,936	488,573	-	1,932,677	2,443,186	2,443,186
Non-transportation services:									
Specialty flying:									
Revenue hours flown	No. -	19	19	-	-	-	5	5	24
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	No. 1,904	11,720	13,624	678	3,177	1,105	1,884	6,844	20,468
Hours flown	" 4,125	15,630	19,755	552	2,918	808	2,882	7,160	26,915
Miles flown	" 1,456,105	4,605,157	6,061,262	91,524	378,353	149,707	460,903	1,080,487	7,141,749
Passengers carried	" 46,957	366,986	413,943	5,414	16,497	10,105	8,347	40,363	454,306
Cargo carried	lb. 733,459	5,720,537	6,453,996	471,499	1,000,660	160,377	2,062,790	3,695,326	10,149,322
Goods carried	" 927,505	8,162,325	9,089,830	592,759	1,178,860	226,482	2,161,623	4,159,724	13,249,554

See footnotes at end of table.

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

September 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. 69	110	179	27	99	27	96	249	428
Passengers carried	" 1,637	..	..	195	507	107	107	916	..
Goods carried	lb. 122,739	..	..	8,126	33,951	-	15,390	57,467	..
Passenger-miles	No. 3,360,576	14,067,545	17,428,121	39,562	146,867	37,805	64,857	289,091	17,717,212
Goods ton-miles	" 158,007	317,098	475,105	1,896	9,077	-	4,565	15,538	490,643
Fuel consumed:									
Turbo fuel - Quantity	gal. 3,813,679	13,032,049	16,845,728	71,524	-	135,609	35,888	243,021	17,088,749
Cost	\$ 685,625	1,775,349	2,460,974	14,694	-	32,923	12,561	60,178	2,521,152
Gasoline - Quantity	gal. 367,438	-	367,438	28,313	238,297	18,550	370,102	655,262	1,022,700
Cost	\$ 104,242	-	104,242	8,629	89,054	7,172	126,124	230,979	335,221
Oil consumed:									
Turbo aircraft - Quantity ..	gal. 432	3,094	3,526	-	-	1,050	-	1,050	4,576
Cost	\$ 3,373	23,675	27,048	-	-	641	-	641	27,689
Other aircraft - Quantity ..	gal. 4,793	-	4,793	461	2,650	996	3,218	7,325	12,118
Cost	\$ 4,728	-	4,728	447	3,313	361	3,218	7,339	12,067
Average number of employees:									
Flying personnel	No. 499	1,366	1,865	27	86	41	94	248	2,113
Other personnel	" 2,129	10,180	12,309	128	321	231	287	967	13,276
Totals	" 2,628	11,546	14,174	155	407	272	381	1,215	15,389
Salaries and wages paid:									
Flying personnel	\$ 417,255	1,132,333	1,549,588	20,555	77,149	26,020	64,958	188,682	1,738,270
Other personnel	\$ 945,863	4,974,066	5,919,929	47,468	146,572	95,860	110,979	400,879	6,320,808
Totals	\$ 1,363,118	6,106,399	7,469,517	68,023	223,721	121,880	175,937	589,561	8,059,078

(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

September 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. 35,581	4,451	12,468	10,054	5,831	299,474	367,859
Domestic interline	" 3,346	392	-	-	-	59,590	67,406
Foreign interline	" 4,078	-	-	-	-	-	-
Totals(2)	" 43,005	4,843	12,468	10,054	5,831	359,064	435,265
Revenue express carried:							
Originated	lb. 76,237	-	25,973	160,377	14,696	1,073,013	1,350,296
Domestic interline	" -	-	-	-	-	-	-
Foreign interline	" -	-	-	-	-	-	-
Totals(2)	" 76,237	-	25,973	160,377	14,696	1,073,013	1,350,296
Revenue freight carried:							
Originated	lb. 564,126	386,405	455,816	-	60,871	4,647,524	6,114,742
Domestic interline	" 12,015	-	-	-	-	-	12,015
Foreign interline	" 21,268	-	-	-	-	-	21,268
Totals(2)	" 597,409	386,405	455,816	-	60,871	4,647,524	6,148,025
Revenue excess baggage carried:							
Originated	lb. ..	11,828	23,757	39,239	10,725	..	85,549(3)
Domestic interline	" ..	-	-	-	-	..	-
Foreign interline	" ..	-	-	-	-	..	-
Totals(2)	" ..	11,828	23,757	39,239	10,725	..	85,549(3)
Revenue mail carried:							
Originated	lb. 194,046	109,432	149,863	26,866	31,140	2,441,788	2,953,135
Domestic interline	" -	-	-	-	-	-	-
Foreign interline	" -	-	-	-	-	-	-
Totals(2)	" 194,046	109,432	149,863	26,866	31,140	2,441,788	2,953,135

(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

September 1963

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures No.	1,886	579	279	93	2,837	10,510	13,347
Revenue hours flown "	2,600	2,386	726	587	6,299	12,253	18,552
Revenue miles scheduled "	557,180	1,112,818	338,345	265,545	2,273,888	3,172,599	5,446,487
Revenue miles flown:							
Scheduled services - Regular "	557,180	1,088,503	337,740	265,545	2,248,968	3,167,433	5,416,401
Extra sections "	39,279	5,232	-	-	44,511	93,129	137,640
Non-scheduled services "	-	-	-	-	-	52,848	52,848
Totals "	596,459	1,093,735	337,740	265,545	2,293,479	3,313,410	5,606,889
Ratio of regular miles flown to miles scheduled	100.0	97.8	99.8	100.0	98.9	99.8	99.4
Revenue passengers carried No.	...	...	...	...	127,766	274,492	402,258
Revenue cargo carried lb.	...	...	...	...	2,785,242	3,668,754	6,453,996
Revenue mail carried ..... "	...	...	...	...	350,992	2,284,842	2,635,834
Revenue passenger-miles No.	33,925,138	66,451,020	18,762,999	17,170,618	136,309,775	199,936,140	336,245,915
Available seat-miles on scheduled services "	49,852,729	144,516,230	45,327,946	33,756,621	273,453,526	293,949,102	567,402,628
Passenger load factor on scheduled services ...	68.1	46.0	41.4	50.9	49.8	67.6	59.0
Revenue goods ton-miles:							
Express No.	65,082	-	-	-	65,082	336,507	401,589
Freight "	279,306	958,760	228,131	267,755	1,733,952	1,954,016	3,687,968
Excess baggage "	22,046	34,923	22,351	14,151	93,471	136,513	229,984
Mail "	36,058	170,033	55,610	105,757	367,458	879,324	1,246,782
Totals "	402,492	1,163,716	306,092	387,663	2,259,963	3,306,360	5,566,323
Available ton-miles on scheduled services "	6,198,050	20,069,853	6,247,249	4,423,737	36,938,889	39,621,914	76,560,803
Weight load factor on scheduled services(1) ...	61.2	38.9	34.9	47.6	43.0	58.4	51.0

(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 1963

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	3,964	70,871	28,575	500,275
Recreational flying	1,398	32,307	10,082	232,332
Aerial photography and survey	360	66,949	3,390	510,929
Aerial photography (excluding survey)	176	18,059	1,406	182,907
Aerial pest control	151	4,508	2,482	376,993
Aerial advertising	31	2,561	66	5,414
Aerial patrol and inspection	985	109,860	11,355	1,035,721
Aircraft rental	35	766	360	8,471
Aerial fish cultivation	-	-	-	-
Geophysical survey	748	108,541	7,241	727,707
Non-transportation charter	59	9,336	1,051	134,877
Other specialty flying	128	155,949	1,370	283,755
Total specialty flying	8,035	579,707	67,378	3,999,381

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

September 1963

	Month	Year to date
Revenue hours flown	No. 6,175	42,235
Average number of aircraft	" 116	115
Average number of employees:		
Flying personnel	" 177	156
Other personnel	" 121	106
Totals	" 298	262
Salaries and wages paid:		
Flying personnel	\$ 131,597	978,574
Other personnel	\$ 68,366	519,562
Totals	\$ 199,963	1,498,136
Operating revenues:		
Bulk transportation	\$ 621,995	4,189,397
Other flying services	\$ 34,577	468,102
Non-flying services	\$ 43,502	119,003
Totals	\$ 700,074	4,776,502
Operating expenses:		
Flying operations	\$ 263,617	1,726,197
Maintenance	\$ 182,195	1,369,076
General services and administration ..	\$ 44,051	419,910
Depreciation and amortization	\$ 59,713	513,276
Totals	\$ 549,576	4,028,459
Operating income (loss)	\$ 150,498	748,043
Net income (deficit) after income taxes ..	\$ 152,223	856,607

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

September 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	80,607	76,854	157,461	13,247	21,951	35,198
Bulk transportation "	925	825	1,750	4,622	6,727	11,349
Totals "	81,532	77,679	159,211	17,869	28,678	46,547
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	480,415	2,090,426	2,570,841	373,025	1,205,635	1,578,660
Bulk transportation "	-	-	-	-	-	-
Totals "	480,415	2,090,426	2,570,841	373,025	1,205,635	1,578,660
Mail carried (unit toll transportation) "	111,333	204,707	316,040	93,971	119,948	213,919
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	4,163	5,849	10,012	98,017	104,654	202,671
Bulk transportation "	245	-	245	5,792	7,552	13,344
Totals "	4,408	5,849	10,257	103,809	112,206	216,015
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	164,797	90,132	254,929	1,018,237	3,386,193	4,404,430
Bulk transportation "	-	-	-	-	-	-
Totals "	164,797	90,132	254,929	1,018,237	3,386,193	4,404,430
Mail carried (unit toll transportation) "	15,349	20,755	36,104	220,653	345,410	566,063
	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.	59,485	64,364	123,849	38,532	40,290	78,822
Bulk transportation "	3,940	6,096	10,036	1,852	1,456	3,308
Totals "	63,425	70,460	133,885	40,384	41,746	82,130
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	711,207	1,934,336	2,645,543	307,030	1,451,857	1,758,887
Bulk transportation "	-	-	-	-	-	-
Totals "	711,207	1,934,336	2,645,543	307,030	1,451,857	1,758,887
Mail carried (unit toll transportation) "	151,577	169,403	320,980	69,076	176,007	245,083

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

TABLE 10. Operating Statistics, Canadian Group V Carriers

Third Quarter 1963

	Quarter	Year to date
Number of reporting carriers	242	...
Bulk transportation:		
Revenue hours flown No.	28,582	60,294
Revenue passengers carried "	61,523	127,595
Revenue goods carried 1b.	4,428,752	8,684,439
Specialty flying services:		
Revenue hours flown:		
Flying training No.	24,217	56,905
Recreational flying "	7,376	16,660
Aerial photography and survey "	224	857
Aerial photography (excluding survey) "	383	486
Aerial pest control "	2,712	5,912
Aerial advertising "	10	14
Aerial patrol and inspection "	1,844	4,074
Aircraft rental "	5,222	9,970
Aerial fish cultivation "	-	80
Geophysical survey "	-	-
Non-transportation charter "	5	30
Other specialty flying "	649	3,603
Total specialty flying services ... "	42,642	98,591
Total - All services:		
Revenue hours flown "	71,224	158,885
Non-revenue hours flown "	3,562	9,141

TABLE 11. Statement of Income, Canadian Group V Carriers

Third Quarter 1963

	Quarter	Year to date
	dollars	
Operating revenues:		
Bulk transportation	1,496,124	3,044,646
Other flying services	1,215,725	2,446,114
Total flying services	2,711,849	5,490,760
Non-flying services	578,651	1,920,348
Total operating revenues	3,290,500	7,411,108
Operating expenses:		
Flying operations	1,337,883	2,994,135
Maintenance	470,233	1,215,954
General services and administration	574,523	2,004,222
Depreciation	298,532	825,426
Total operating expenses	2,681,171	7,039,737
Operating income (loss)	609,329	371,371
Non-operating income - Net	Dr. 17,418	Dr. 109,304
Income before income taxes	591,911	262,067
Provision for income taxes	55,463	79,310
Net income after income taxes	536,448	182,757

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: Norair 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, steward's 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 privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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