

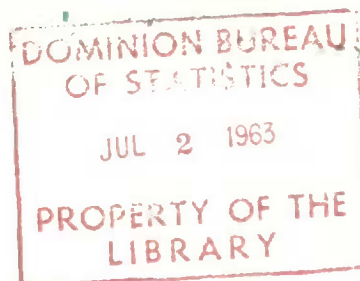
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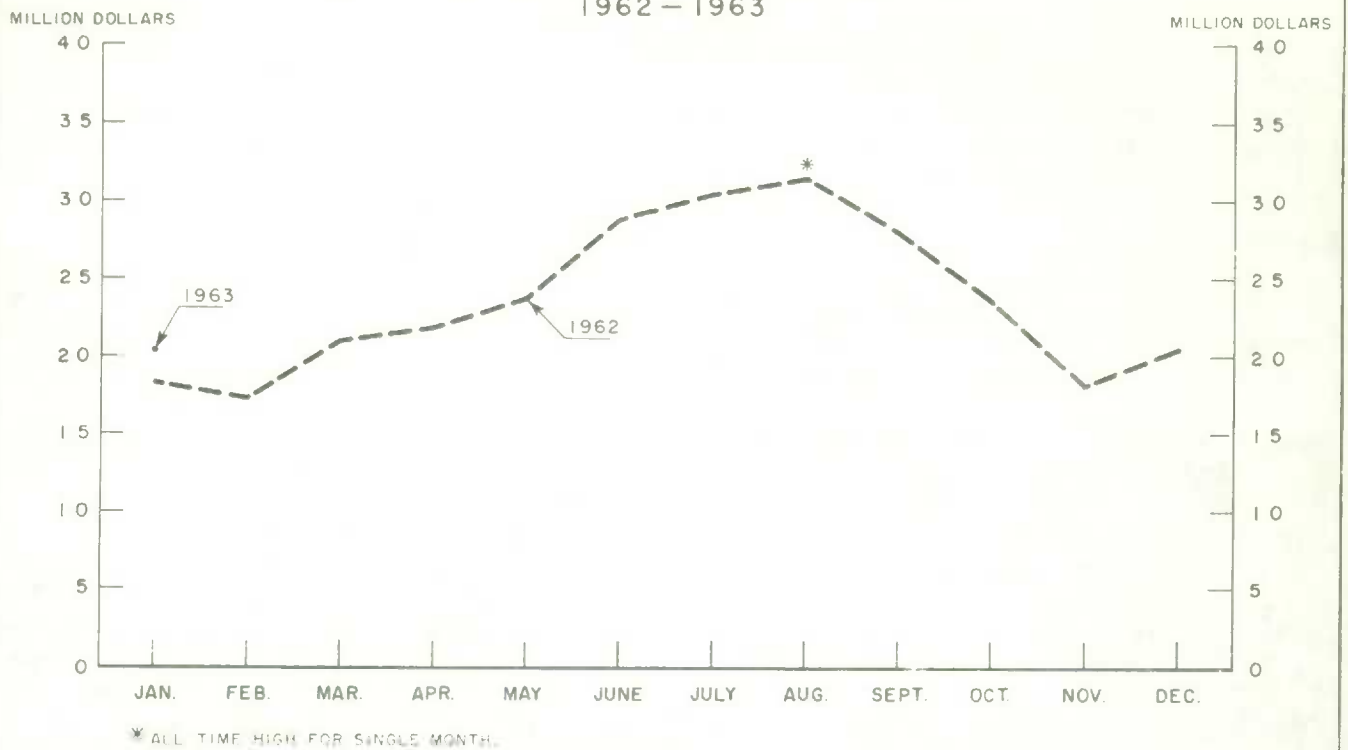
SYMBOLS

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.

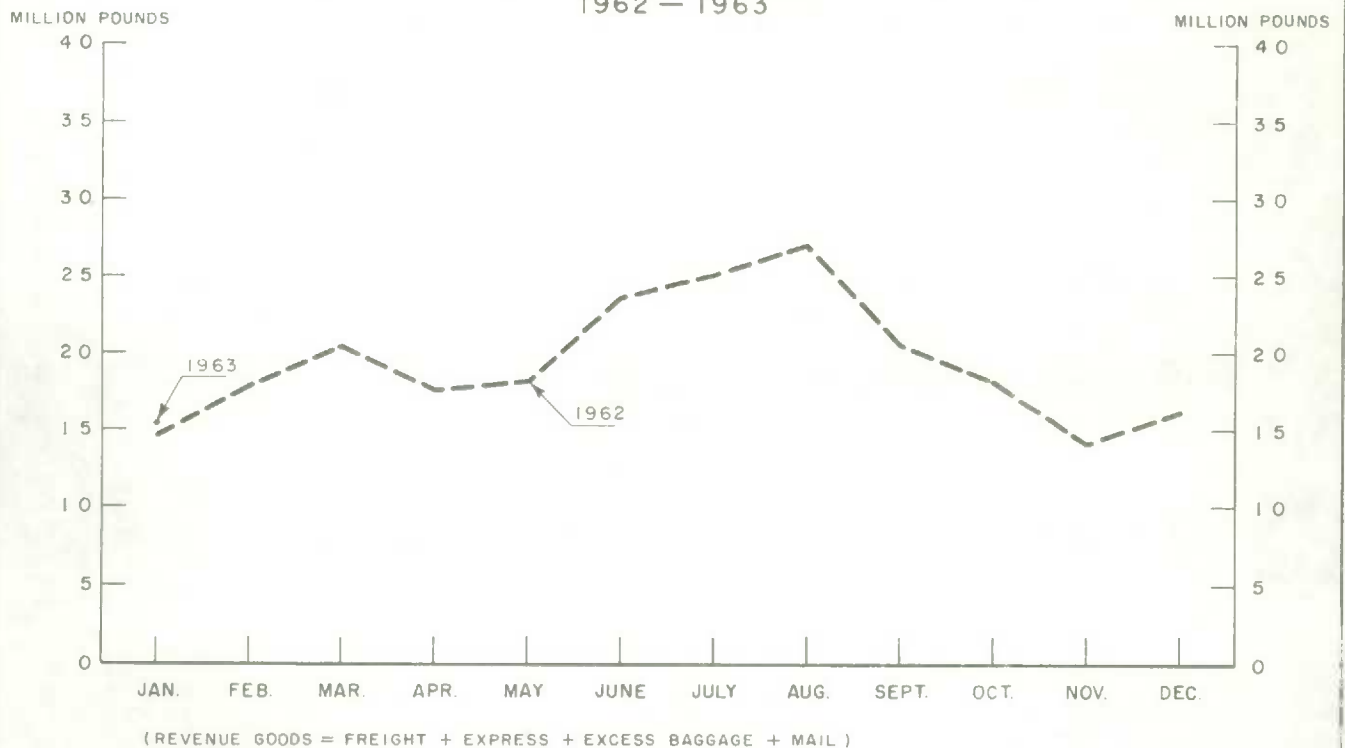
OPERATING REVENUE OF CANADIAN CARRIERS

1962 - 1963



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 January Operations

In January 1963, the number of revenue passengers transported by Canadian air carriers dropped slightly, although there was a significant increase in the volume of goods flown as compared with the corresponding month of 1962. Passengers carried decreased by less than 1 per cent to 390,302 from 393,897, but goods transported rose 6.1 per cent to 15,441,624 lbs. from 14,559,159 lbs. Revenue miles flown were virtually unchanged, as they decreased only 0.4 per cent to 6,995,512 from 7,023,955. Operating revenues rose 10.9 per cent to \$20,380,784 from \$18,376,449 a year earlier, while operating expenses increased 3.8 per cent to \$22,183,968 from \$21,364,593. As a result the operating loss of \$1,803,184 was considerably lower than that of \$2,988,144 reported in January, 1961 and the deficit after provision for income taxes and other charges, decreased to \$2,722,544 from \$3,999,319.

During January, 1963 the six scheduled carriers transported 365,162 revenue passengers or 93.6 per cent of the total number carried and 10,507,006 lbs. of revenue goods or 68 per cent of the total. Comparable figures for January, 1962 are 367,104 revenue passengers or 93.2 per cent of the total and 9,670,198 lbs. of revenue goods or 66.4 per cent of the total. The scheduled carriers also accounted for 92.6 per cent of the operating revenues and 91.7 per cent of the operating expenses reported by Canadian air carriers. Corresponding figures for January of the previous year are 91.2 per cent and 90.3 per cent respectively.

Table 7 shows data on the different types of specialty flying performed by Canadian carriers. During the month under review, operators performing these services reported 3,241 hours of flying and revenues of \$182,689. In the same month of 1962, 3,218 hours of specialty flying were flown with the revenues amounting to \$159,553.

Foreign carriers licensed to operate in Canada transported 58,464 revenue passengers in January, 1963 as compared with 64,102 in January 1962, a decrease of 8.8 per cent. In contrast, the volume of revenue goods flown by these same carriers rose 3.8 per cent to 1,886,885 lbs. from 1,817,421 lbs. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

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

January 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	20	60	80	86	9	9	104	
Transportation services:									
Unit toll:									
Revenue departures No.	16,136	2,238	652	2,890	19,026	..	..	..
Revenue hours flown "	21,212	2,411	390	2,801	24,013	303	757	25,073	
Revenue miles scheduled "	5,292,668	...	...	...	5,292,668	78,051	303,294	5,674,013	
Revenue miles flown:									
Scheduled services "	5,358,312(4)	...	...	...	5,358,312(4)	74,065	310,613	5,742,990(4)	
Non-scheduled services ... "	284,849(4)	298,753	46,940	345,693	630,542(4)	-	-	630,542(4)	
Totals "	5,643,161	298,753	46,940	345,693	5,988,854	74,065	310,613	6,373,532	
Revenue passengers carried "	361,573	8,641	2,666	11,307	372,880	43,091	14,256	430,227	
Revenue goods carried:									
Cargo lb.	5,930,099	437,380	107,769	545,149	6,475,248	601,511	1,023,136	8,173,704	
Excess baggage "	56,383(5)	7,423	10,003	17,426	73,809(5)				
Mail "	3,291,809	199,149	20,310	219,459	3,511,268	125,015	132,219	3,768,502	
Totals "	9,278,291	643,952	138,082	782,034	10,060,325	726,526	1,155,355	11,942,206	
Revenue passenger-miles No.	260,060,772	2,007,967	172,179	2,180,146	262,240,918	1,864,940	10,417,319	274,523,177	
Revenue goods ton-miles:									
Cargo "	3,147,069	63,491	16,767	80,258	3,227,327				
Excess baggage "	163,631	3,373	477	3,850	167,481	14,117	395,210	3,804,135	
Mail "	1,289,676	29,336	1,295	30,631	1,320,307	2,591	63,049	1,385,947	
Totals "	4,600,376	96,200	18,539	114,739	4,715,115	16,708	458,259	5,190,082	
Bulk:									
Revenue - Departure "	1,021	3,220	4,794	8,014	9,035	..	..	..
Hours flown "	1,398	3,909	3,229	7,138	8,536	2	39	8,577	
Miles flown "	228,153	401,934	376,571	778,505	1,006,658	337	12,827	1,019,822	
Passengers carried "	3,589	7,193	6,640	13,833	17,422	40	1,077	18,539	
Freight carried .. lb.	1,228,715	2,906,604	1,245,980	4,152,584	5,381,299	-	5,004	5,386,303	
Non-transportation services:									
Specialty flying:									
Revenue hours flown No.	1	987	2,253	3,240	3,241	-	-	3,241	

See footnotes at end of table.

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

January 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 - All services:										
Traffic, hours and miles:(6)										
Revenue:										
Departures	No.	17,157	5,458	5,446	10,904	28,061	..	..	..
Hours flown	"	22,611	7,307	5,872	13,179	35,790	305	796	36,891	
Miles flown	"	5,871,314	700,687	423,511	1,124,198	6,995,512	74,402	323,440	7,393,354	
Passengers carried	"	365,162	15,834	9,306	25,140	390,302	43,131	15,333	448,766	
Cargo carried	lb.	7,158,814	3,343,984	1,353,749	4,697,733	11,856,547	601,511(7)	1,028,140(7)	13,560,007(7)	
Goods carried	"	10,507,006	3,550,556	1,384,062	4,934,618	15,441,624	726,526	1,160,359	17,328,509	
Non-revenue:										
Hours flown	No.	803	673	265	938	1,741	5	-	1,746	
Passengers carried	"	..	135	-	135	..	753	713	..	
Goods carried	lb.	..	15,959	-	15,959	..	9,700	67,196	..	
Passenger-miles	No.	12,328,623	71,319	-	71,319	12,399,942	29,408	565,781	12,995,131	
Goods ton-miles	"	484,265	10,040	-	10,040	494,305	260	23,719	518,284	
Fuel consumed:										
Turbo fuel - Quantity	gal.	13,867,140	-	12,476	12,476	13,879,616✓	128,549	1,959,198	15,967,363	
Cost	\$	1,982,407	-	3,463	3,463	1,985,870	26,174	292,715	2,304,759	
Gasoline - Quantity	gal.	729,939	358,189	91,765	449,954	1,179,893	84,926	254,408	1,519,227	
Cost	\$	240,141	134,942	37,912	172,854	412,995	21,374	60,278	494,647	
Oil consumed:										
Turbo aircraft - Quantity ..	gal.	4,492	-	2	2	4,494✓	4	83	4,581	
Cost	\$	37,959	-	30	30	37,989	26	683	38,698	
Other aircraft - Quantity ..	gal.	7,788	5,901	1,523	7,424	15,212✓	799	1,810	17,821	
Cost	\$	7,907	11,469	2,015	13,484	21,391	615	1,417	23,423	
Average number of employees:										
Flying personnel	No.	2,124	344	212	556	2,680	..	..	..
Other personnel	"	13,222	792	463	1,255	14,477	..	..	..
Totals	"	15,346	1,136	675	1,811	17,157	231	753	18,141	
Salaries and wages paid:										
Flying personnel	\$	1,557,054	205,226	95,532	300,758	1,857,812	..	..	..
Other personnel	\$	6,265,518	339,230	174,224	513,454	6,778,972	..	..	..
Totals	\$	7,822,572	544,456	269,756	814,212	8,636,784	119,870	329,205	9,085,859	

- (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

January 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	15,297,812	577,933	15,875,745	233,529	30,317	263,846	16,139,591	
Express	278,300	35,701	314,001	7,435	3,667	11,102	325,103	
Freight	740,138	92,614	832,752	57,711	2,923	60,634	893,386	
Excess baggage	89,296	10,241	99,537	4,172	744	4,916	104,453	
Mail	1,058,149	115,255	1,173,404	105,614	5,665	111,279	1,284,683	
Total unit toll transportation ..	17,463,695	831,744	18,295,439	408,461	43,316	451,777	18,747,216	
Bulk transportation	162,218	249,680	411,898	488,960	233,904	722,864	1,134,762	
Total transportation	17,625,913	1,081,424	18,707,337	897,421	277,220	1,174,641	19,881,978	
Other flying services	153	-	153	129,328	54,120	183,448	183,601	
Total flying services	17,626,066	1,081,424	18,707,490	1,026,749	331,340	1,358,089	20,065,579	
Non-flying services	166,540	8,690	175,230	78,846	61,129	139,975	315,205	
Total operating revenues	17,792,606	1,090,114	18,882,720	1,105,595	392,469	1,498,064	20,380,784	
Operating expenses:								
Flying operations	4,558,926	393,882	4,952,808	480,191	199,690	679,881	5,632,689	
Maintenance	4,195,242	333,916	4,529,158	397,161	147,035	544,196	5,073,354	
General services and administration:								
Passenger service	1,472,978	30,494	1,503,472	..	..	..	..
Aircraft and traffic servicing	2,889,518	173,267	3,062,785	..	..	..	..
Promotion and sales	3,021,394	90,889	3,112,283	..	..	..	..
General administration	868,245	91,100	959,345	..	..	..	..
Totals	8,252,135	385,750	8,637,885	296,215	110,088	406,303	9,044,188	
Depreciation and amortization	2,104,690	120,199	2,224,889	130,789	78,059	208,848	2,433,737	
Total operating expenses	19,110,993	1,233,747	20,344,740	1,304,356	534,872	1,839,228	22,183,968	
Operating income (loss)	Dr. 1,318,387	Dr. 143,633	Dr. 1,462,020	Dr. 198,761	Dr. 142,403	Dr. 341,164	Dr. 1,803,184	
Non-operating income - Net:								
Capital gains and losses	-	Dr. 1,455	Dr. 1,455	Dr. 3,557	339	Dr. 3,218	Dr. 4,673	
Interest and discounts	161,823	608	162,431	1,237	Dr. 130	1,107	163,538	
Miscellaneous non-operating income ..	348	346	694	1,853	858	2,711	3,405	
Income before interest expense	Dr. 1,156,216	Dr. 144,134	Dr. 1,300,350	Dr. 199,228	Dr. 141,336	Dr. 340,564	Dr. 1,640,914	
Interest expense	992,021	42,427	1,034,448	29,546	12,423	41,969	1,076,417	
Income before income taxes	Dr. 2,148,237	Dr. 186,561	Dr. 2,334,798	Dr. 228,774	Dr. 153,759	Dr. 382,533	Dr. 2,717,331	
Provision for income taxes	-	-	-	5,155	58	5,213	5,213	
Net income after income taxes	Dr. 2,148,237	Dr. 186,561	Dr. 2,334,798	Dr. 233,929	Dr. 153,817	Dr. 387,746	Dr. 2,722,544	

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

TABLE 2. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

January 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	3,232,430	70,529	148,034	231,746	127,624	12,065,382	15,875,745	
Express	14,445	-	5,473	28,288	1,940	263,855	314,001	
Freight	146,506	37,530	34,916	-	20,168	593,632	832,752	
Excess baggage	27,799	959	3,021	4,677	1,584	61,497	99,537	
Mail	187,373	20,087	40,047	35,421	19,700	870,776	1,173,404	
Total unit toll transportation ..	3,608,553	129,105	231,491	300,132	171,016	13,855,142	18,295,439	
Bulk transportation	33,117	12,009	55,593	1,785	180,293	129,101	411,898	
Total transportation	3,641,670	141,114	287,084	301,917	351,309	13,984,243	18,707,337	
Other flying services	-	-	-	-	-	153	153	
Total flying services	3,641,670	141,114	287,084	301,917	351,309	13,984,396	18,707,490	
Non-flying services	65,117	3,600	1,848	1,626	1,616	101,423	175,230	
Total operating revenues	3,706,787	144,714	288,932	303,543	352,925	14,085,819	18,882,720	
Operating expenses:								
Flying operations	1,571,516	64,930	121,626	77,580	129,746	2,987,410	4,952,808	
Maintenance	672,476	44,582	80,363	82,065	126,906	3,522,766	4,529,158	
General services and administrations:								
Passenger service	360,299	3,757	8,423	5,801	12,513	1,112,679	1,503,472	
Aircraft and traffic servicing	489,521	28,757	94,835	28,722	20,953	2,399,997	3,062,785	
Promotion and sales	742,452	5,305	12,644	48,556	24,384	2,278,942	3,112,283	
General administration	176,719	18,334	31,165	25,310	16,291	691,526	959,345	
Totals	1,768,991	56,153	147,067	108,389	74,141	6,483,144	8,637,885	
Depreciation and amortization	187,844	25,753	40,469	30,975	23,002	1,916,846	2,224,889	
Total operating expenses	4,200,827	191,418	389,525	299,009	353,795	14,910,166	20,344,740	
Operating income (loss)	Dr. 494,040	Dr. 46,704	Dr. 100,593	4,534	Dr. 870	Dr. 824,347	Dr. 1,462,020	
Non-operating income - Net:								
Capital gains and losses	-	-	-	Dr. 1,455	-	-	Dr. 1,455	
Interest and discounts	35,480	575	-	-	33	126,343	162,431	
Miscellaneous non-operating income ..	Dr. 16,475	103	86	157	-	16,823	694	
Income before interest expense	Dr. 475,035	Dr. 46,026	Dr. 100,507	3,236	Dr. 837	Dr. 681,181	Dr. 1,300,350	
Interest expense	-	5,668	14,128	14,114	8,517	992,021	1,034,448	
Income before income taxes	Dr. 475,035	Dr. 51,694	Dr. 114,635	Dr. 10,878	Dr. 9,354	Dr. 1,673,202	Dr. 2,334,798	
Provision for income taxes	-	-	-	-	-	-	-	
Net income after income taxes	Dr. 475,035	Dr. 51,694	Dr. 114,635	Dr. 10,878	Dr. 9,354	Dr. 1,673,202	Dr. 2,334,798	

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

January 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.	1,789	11,150	12,939	584	806	1,069	738	3,197	16,136
Revenue hours flown	"	3,690	14,350	18,040	531	845	943	853	3,172	21,212
Revenue miles scheduled	"	1,202,405	3,838,058	5,040,463	26,560	111,935	82,930	30,780	252,205	5,292,668
Revenue miles flown:										
Scheduled services - Regular	"	1,177,428	3,755,147	4,932,575	21,874	96,809	75,348	28,804	222,835	5,155,410
Extra section	"	18,763	158,746	177,509	1,243	10,578	12,432	1,140	25,393	202,902
Non-scheduled services	"	44,949	-	44,949	66,427	12,245	75,718	85,510	239,900	284,849
Totals	"	1,241,140	3,913,893	5,155,033	89,544	119,632	163,498	115,454	488,128	5,643,161
Ratio of regular miles flown to miles scheduled		97.9	97.8	97.9	82.4	86.5	90.9	93.6	88.4	97.4
Revenue passengers carried	No.	35,454	303,686	339,140	3,669	6,685	8,448	3,631	22,433	361,573
Revenue goods carried:										
Express	lb.	65,290	726,009	791,299	-	17,357	130,558	9,269	157,184	948,483
Freight	"	324,571	3,550,386	3,874,957	640,323	352,545	-	113,791	1,106,659	4,981,616
Excess baggage .....	"	..	..	..	9,420	12,772	25,010	9,181	56,383	56,383(2)
Mail	"	170,371	2,512,421	2,682,792	106,910	135,915	296,210	69,982	609,017	3,291,809
Totals	"	560,232	6,788,816	7,349,048	756,653	518,589	451,778	202,223	1,929,243	9,278,291
Revenue passenger-miles:										
Scheduled services	No.	58,189,540	194,217,279	252,406,819	287,392	1,775,653	1,557,273	341,136	3,961,454	256,368,273
Non-scheduled services	"	933,244	-	933,244	405,912	38,196	1,279,432	1,035,715	2,759,255	3,692,499
Totals	"	59,122,784	194,217,279	253,340,063	693,304	1,813,849	2,836,705	1,376,851	6,720,709	260,060,772
Available seat-miles on scheduled services	"	138,233,972	346,807,848	485,041,820	1,008,948	4,677,630	2,798,872	672,321	9,157,771	494,199,591
Passenger load factor on scheduled services		42.1	56.0	52.0	28.5	38.0	55.6	50.7	43.3	51.9
Revenue goods ton-miles:										
Express - Scheduled services	No.	16,277	272,007	288,284	-	4,593	6,709	701	12,003	300,287
Non-scheduled services	"	688	-	688	-	-	7,998	1,599	9,597	10,285
Totals	"	16,965	272,007	288,972	-	4,593	14,707	2,300	21,600	310,572
Freight - Scheduled services	"	402,764	2,185,104	2,587,868	5,071	81,271	-	2,023	88,365	2,676,233
Non-scheduled services	"	1,062	-	1,062	130,893	9,648	-	18,661	159,202	160,264
Totals	"	403,826	2,185,104	2,588,930	135,964	90,919	-	20,684	247,567	2,836,497

See footnotes at end of table.

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

January 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.	32,782	121,474	154,256	302	1,672	2,814	323	5,111	159,367
Non-scheduled services	58	-	58	785	101	2,091	1,229	4,206	4,264
Totals	32,840	121,474	154,314	1,087	1,773	4,905	1,552	9,317	163,631
Mail - Scheduled services	136,337	1,065,831	1,202,168	3,609	34,136	1,561	1,763	41,069	1,243,237
Non-scheduled services	3,756	-	3,756	8,137	853	26,343	7,350	42,683	46,439
Totals	140,093	1,065,831	1,205,924	11,746	34,989	27,904	9,113	83,752	1,289,676
Total - Scheduled services	588,160	3,644,416	4,232,576	8,982	121,672	11,084	4,810	146,548	4,379,124
Non-scheduled services	5,564	-	5,564	139,815	10,602	36,432	28,839	215,688	221,252
Totals	593,724	3,644,416	4,238,140	148,797	132,274	47,516	33,649	362,236	4,600,376
Available ton-miles on scheduled services	17,916,212	45,783,666	63,699,878	112,947	605,054	274,412	73,716	1,066,129	64,766,007
Weight load factor on scheduled services(3)	35.8	50.4	48.6	33.4	49.5	60.8	52.8	52.1	49.6
Bulk:									
Revenue - Departures	No. 6	48	54	55	543	2	367	967	1,021
Hours flown	" 24	137	161	58	534	5	640	1,237	1,398
Miles flown	" 9,320	45,277	54,597	8,260	58,225	1,002	106,069	173,556	228,153
Passengers carried	263	1,374	1,637	175	1,078	36	663	1,952	3,589
Freight carried	lb. -	-	-	327,263	230,244	-	671,208	1,228,715	1,228,715
Non-transportation services:									
Specialty flying:									
Revenue hours flown	No. -	1	1	-	-	-	-	-	1
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	No. 1,795	11,198	12,993	639	1,349	1,071	1,105	4,164	17,157
Hours flown	" 3,714	14,488	18,202	589	1,379	948	1,493	4,409	22,611
Miles flown	" 1,250,460	3,959,170	5,209,630	97,804	177,857	164,500	221,523	661,684	5,871,314
Passengers carried	" 35,717	305,060	340,777	3,844	7,763	8,484	4,294	24,385	365,162
Cargo carried	lb. 389,861	4,276,395	4,666,256	967,586	600,146	130,558	794,268	2,492,558	7,158,814
Goods carried	" 560,232	6,788,816	7,349,048	1,083,916	748,833	451,778	873,431	3,157,958	10,507,006

See footnotes at end of table.

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

* January 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. 182	347	529	15	54	34	171	274	803
Passengers carried	" 1,078	..	..	180	202	208	66	656	..
Goods carried	lb. 101,682	..	..	13,646	30,445	-	12,349	56,440	..
Passenger-miles	No. 1,831,880	10,267,969	12,099,849	33,155	90,016	61,782	43,821	228,774	12,328,623
Goods ton-miles	" 138,260	327,579	465,839	3,059	12,171	-	3,196	18,426	484,265
Fuel consumed:									
Turbo fuel - Quantity	gal. 3,252,638	10,455,344	13,707,982	56,143	-	103,015	-	159,158	13,867,140
Cost	\$ 554,881	1,398,052	1,952,933	11,324	-	18,150	-	29,474	1,982,407
Gasoline - Quantity	gal. 317,812	32,132	349,944	52,920	128,789	20,932	177,354	379,995	729,939
Cost	\$ 90,086	9,949	100,035	16,588	46,527	12,263	64,728	140,106	240,141
Oil consumed:									
Turbo aircraft - Quantity ..	gal. 576	3,309	3,885	-	-	607	-	607	4,492
Cost	\$ 4,587	32,866	37,453	-	-	506	-	506	37,959
Other aircraft - Quantity ..	gal. 3,968	385	4,353	687	1,486	537	725	3,435	7,788
Cost	\$ 3,533	377	3,910	741	1,857	674	725	3,997	7,907
Average number of employees:									
Flying personnel	No. 456	1,475	1,931	28	68	35	62	193	2,124
Other personnel	" 2,119	10,164	12,283	132	319	240	248	939	13,222
Totals	" 2,575	11,639	14,214	160	387	275	310	1,132	15,346
Salaries and wages paid:									
Flying personnel	\$ 358,470	1,064,970	1,423,440	20,160	51,557	23,670	38,227	133,614	1,557,054
Other personnel	\$ 916,224	4,969,545	5,885,769	47,700	148,563	90,890	92,596	379,749	6,265,518
Totals	\$ 1,274,694	6,034,515	7,309,209	67,860	200,120	114,560	130,823	513,363	7,822,572

(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

January 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.						
Domestic interline	29,987	3,297	6,142	8,448	3,178	264,018	315,070
Foreign interline	2,525	372	-	-	-	39,668	45,241
Totals(2)	2,676	-	-	-	-		
	35,188	3,669	6,142	8,448	3,178	303,686	360,311
Revenue express carried:							
Originated	lb.						
Domestic interline	65,290	-	17,357	130,558	9,269	726,009	948,483
Foreign interline	-	-	-	-	-	-	-
Totals(2)	-	-	-	-	-	-	-
	65,290	-	17,357	130,558	9,269	726,009	948,483
Revenue freight carried:							
Originated	lb.						
Domestic interline	259,019	515,420	320,580	-	51,271	3,550,386	4,696,676
Foreign interline	18,089	-	-	-	-	-	18,089
Totals(2)	19,275	-	-	-	-	-	19,275
	296,383	515,420	320,580	-	51,271	3,550,386	4,734,040
Revenue excess baggage carried:							
Originated	lb.						
Domestic interline .....	..	9,420	12,445	25,010	6,396	..	53,271(3)
Foreign interline .....	..	-	-	-	-	..	-
Totals(2) .....	..	-	-	-	-	..	-
	..	9,420	12,445	25,010	6,396	..	53,271(3)
Revenue mail carried:							
Originated	lb.						
Domestic interline	170,371	106,910	132,160	296,210	19,077	2,512,421	3,237,149
Foreign interline	-	-	-	-	-	-	-
Totals(2)	-	-	-	-	-	-	-
	170,371	106,910	132,160	296,210	19,077	2,512,421	3,237,149

(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

January 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.	1,739	399	420	123	2,681	10,258	12,939
Revenue hours flown "	2,547	1,460	1,164	847	6,018	12,022	18,040
Revenue miles scheduled "	580,303	619,182	456,603	337,810	1,993,898	3,046,565	5,040,463
Revenue miles flown:							
Scheduled services - Regular "	557,641	603,094	456,603	335,043	1,952,381	2,980,194	4,932,575
Extra sections "	16,129	31,685	40,903	8,301	97,018	80,491	177,509
Non-scheduled services "	-	-	-	-	-	44,949	44,949
Totals "	573,770	634,779	497,506	343,344	2,049,399	3,105,634	5,155,033
Ratio of regular miles flown to miles scheduled	96.1	97.4	100.0	99.2	97.9	97.8	97.9
Revenue passengers carried No.	...	...	...	...	108,096	231,044	339,140
Revenue cargo carried lb.	...	...	...	...	2,121,982	2,544,274	4,666,256
Revenue mail carried ..... "	...	...	...	...	349,577	2,333,215	2,682,792
Revenue passenger-miles No.	26,109,435	33,190,790	30,332,918	17,309,597	106,942,740	146,397,323	253,340,063
Available seat-miles on scheduled services "	42,827,248	82,634,842	63,114,793	41,513,900	230,090,783	254,951,037	485,041,820
Passenger load factor on scheduled services ...	61.0	40.2	48.1	41.7	46.5	57.1	52.0
Revenue goods ton-miles:							
Express No.	46,701	-	-	-	46,701	242,271	288,972
Freight "	202,142	652,017	224,279	170,795	1,249,233	1,339,697	2,588,930
Excess baggage "	14,758	21,163	26,192	6,893	69,006	85,308	154,314
Mail "	35,799	186,082	36,235	59,900	318,016	887,908	1,205,924
Totals "	299,400	859,262	286,706	237,588	1,682,956	2,555,184	4,238,140
Available ton-miles on scheduled services "	5,130,002	11,087,634	8,847,028	5,256,742	30,321,406	33,378,472	63,699,878
Weight load factor on scheduled services(1) ...	56.7	37.7	37.5	37.4	40.8	51.2	46.3

(1) Standard passenger weight used: 200 pounds.

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

January 1963

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	1,558	28,148		
Recreational flying	438	6,782		
Aerial photography and survey	78	18,561		
Aerial photography (excluding survey)	35	949		
Aerial pest control	-	-		
Aerial advertising	-	-		
Aerial patrol and inspection	652	53,635		
Philanthropic	-	-		
Aerial fish cultivation	-	-		
Geophysical survey	338	50,231		
Non-transportation charter	116	18,131		
Other specialty flying	26	6,252		
Total specialty flying	3,241	182,689		

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

January 1963

	Month (1)	Year to date
Revenue hours flown	No. 764	
Average number of aircraft	" 98	
Average number of employees:		
Flying personnel	" 115	
Other personnel	" 86	
Totals	" 201	
Salaries and wages paid:		
Flying personnel	\$ 67,112	
Other personnel	\$ 44,901	
Totals	\$ 112,013	
Operating revenues:		
Bulk transportation	\$ 72,390	
Other flying services	\$ 23,909	
Non-flying services	\$ 29,783	
Totals	\$ 126,082	
Operating expenses:		
Flying operations	\$ 102,805	
Maintenance	\$ 77,512	
General services and administration .	\$ 30,506	
Depreciation and amortization	\$ 34,496	
Totals	\$ 245,319	
Operating income (loss)	\$ Dr. 119,237	
Net income (deficit) after income taxes	\$ Dr. 124,894	

(1) Excludes 3 carriers operating 21 helicopters.

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

January 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	64,507	63,173	127,680	7,208	11,314	18,522
Bulk transportation "	218	241	459	196	1,842	2,038
Totals "	64,725	63,414	128,139	7,404	13,156	20,560
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	431,156	1,653,537	2,084,693	532,665	837,300	1,369,965
Bulk transportation "	-	-	-	5,004	-	5,004
Totals "	431,156	1,653,537	2,084,693	537,669	837,300	1,374,969
Mail carried (unit toll transportation) "	114,737	214,636	329,373	106,662	126,877	233,539
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	7,601	8,845	16,446	79,316	83,332	162,648
Bulk transportation "	-	-	-	414	2,083	2,497
Totals "	7,601	8,845	16,446	79,730	85,415	165,145
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	143,304	109,097	252,401	1,107,125	2,599,934	3,707,059
Bulk transportation "	-	-	-	5,004	-	5,004
Totals "	143,304	109,097	252,401	1,112,129	2,599,934	3,712,063
Mail carried (unit toll transportation) "	14,418	13,482	27,900	235,817	354,995	590,812
	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.	51,646	53,655	105,301	27,670	29,677	57,347
Bulk transportation "	313	1,067	1,380	101	1,016	1,117
Totals "	51,959	54,722	106,681	27,771	30,693	58,464
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	635,168	1,447,244	2,082,412	471,957	1,152,690	1,624,647
Bulk transportation "	-	-	-	5,004	-	5,004
Totals "	635,168	1,447,244	2,082,412	476,961	1,152,690	1,629,651
Mail carried (unit toll transportation) "	163,433	170,145	333,578	72,384	184,850	257,234

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

TABLE 10. Aircraft owned and leased, Canadian Carriers, by Category of Aircraft and Weight Group,
as at January 15, 1963

Categories of aircraft and weight groups	Groups I and II(1)		Group III(1)		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
Number of carriers reporting	6		22		70		298		396	
Helicopters No.	-	-	123	4	36	4	24	7	183	15
Turbo jets "	11	4	-	-	-	-	-	-	11	4
Turbo props:										
300-001 lb. and over No.	-	-	-	-	-	-	1	-	1	-
150,001-300,000 lb. "	-	5	-	-	-	-	-	-	-	5
100,001-150,000 lb. "	22	-	-	-	-	-	-	-	22	-
50,001-100,000 lb. "	48	-	-	-	-	-	-	-	48	-
50,000 lb. and under "	4	1	-	-	-	-	-	-	4	1
Total turbo props "	74	6	-	-	-	-	1	-	75	6
Piston engined:										
Four engines:										
130,001 lb. and over No.	3	-	-	-	-	-	-	-	3	-
100,001-130,000 lb. "	5	1	-	-	-	-	-	-	5	1
70,001-100,000 lb. "	8	1	3	1	-	1	-	-	11	3
50,001- 70,000 lb. "	1	-	1	-	-	-	-	-	2	-
50,000 lb. and under "	-	-	-	-	-	-	-	-	-	-
Total four engines "	17	2	4	1	-	1	-	-	21	4
One or two engines:										
40,001 lb. and over No.	15	2	2	5	1	1	-	-	18	8
25,001-40,000 lb. "	22	1	31	4	7	1	5	-	65	6
20,001-25,000 lb. "	-	-	2	-	-	-	-	-	2	-
15,001-20,000 lb. "	-	-	22	-	-	-	2	-	24	-
10,001-15,000 lb. "	1	-	3	-	7	-	1	-	12	-
7,501-10,000 lb. "	10	-	44	-	40	-	20	-	114	-
5,001- 7,500 lb. "	25	-	63	2	56	2	33	2	177	6
4,001- 5,000 lb. "	1	-	7	-	7	1	9	3	24	4
3,001- 4,000 lb. "	-	-	16	2	22	1	52	6	90	9
2,001- 3,000 lb. "	5	-	31	5	117	10	242	37	395	52
2,000 lb. and under "	1	-	13	-	87	4	388	31	489	35
Total one or two engines .. "	80	3	234	18	344	20	752	79	1,410	120
Grand total "	182	15	361	23	380	25	777	86	1,700	149

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

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class I) service plus two major transport carriers: Nordair Ltd. and Eastern Provincial Airways Ltd.
Group III Carriers:	All carriers with gross annual flying revenues of \$400,000 and over which are not included in Group I and II.
Group IV Carriers:	All carriers having gross annual flying revenues of \$60,000 and over but less than \$400,000 and, in addition, any carrier licensed to perform unit toll service with gross annual flying revenues under \$60,000.
Group V Carriers:	All carriers other than those licensed to perform unit toll service with gross annual flying revenues of less than \$60,000.
Passenger:	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger and a round trip passenger is counted as two passengers.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Air Cargo:	Air freight and air express.
Goods:	Air cargo plus excess baggage and air mail.
Tons:	Short tons of 2,000 lbs.
Miles:	Statute miles of 5,280 ft.
Passenger-Mile:	The transportation of one passenger over the distance of one mile.
Available Seat-Miles:	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station trip.

Passenger Load Factor:	Ratio of revenue passenger-miles performed to available seat-miles.
Ton-Mile:	The transportation of one ton of load over the distance of one mile.
Available Load:	Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.
Available Ton-Miles:	Available load capacity multiplied by miles flown on each inter-station trip.
Weight Load Factor:	Ratio of revenue ton-miles performed to available ton-miles.
Interline Traffic:	Passengers and goods received by a carrier either from foreign carriers (foreign interline) or from other Canadian carriers (domestic interline) or from other operating divisions of the same carrier (division interline).
International Services:	
Trans-Border Services:	Services between Canada and the United States.
Southern Services:	Services between Canada and Bermuda, the Caribbean, Mexico or South America.
Trans-Atlantic and Polar Services:	Services between Canada and Europe.
Pacific and Orient Services:	Services between Canada and points in the Pacific Ocean or the Orient.
Five Freedoms of the Air:	
First Freedom:	The right to fly over the territory of a foreign country without landing.
Second Freedom:	The right to land on the territory of a foreign country for non-traffic purposes.
Third Freedom:	The right to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
Fourth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
Fifth Freedom:	The right to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the right to put down in a foreign country, passengers, mail and cargo coming from any such territory.

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