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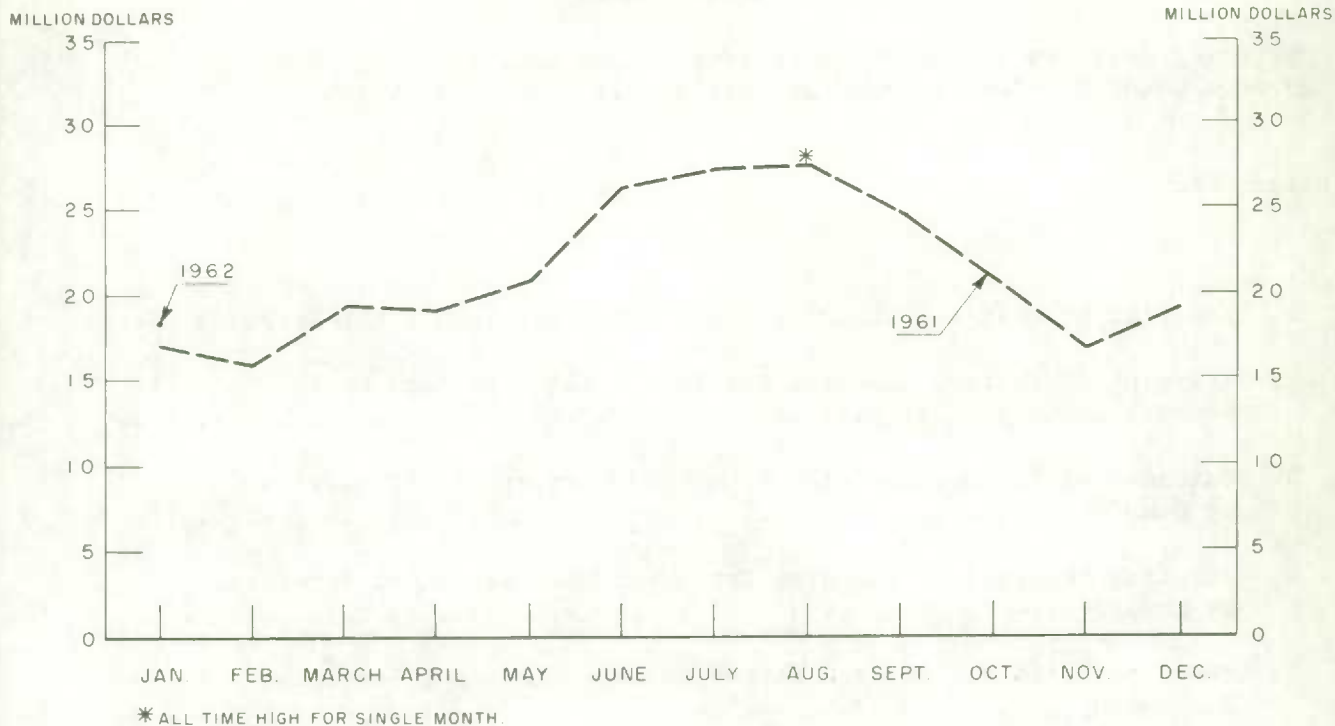
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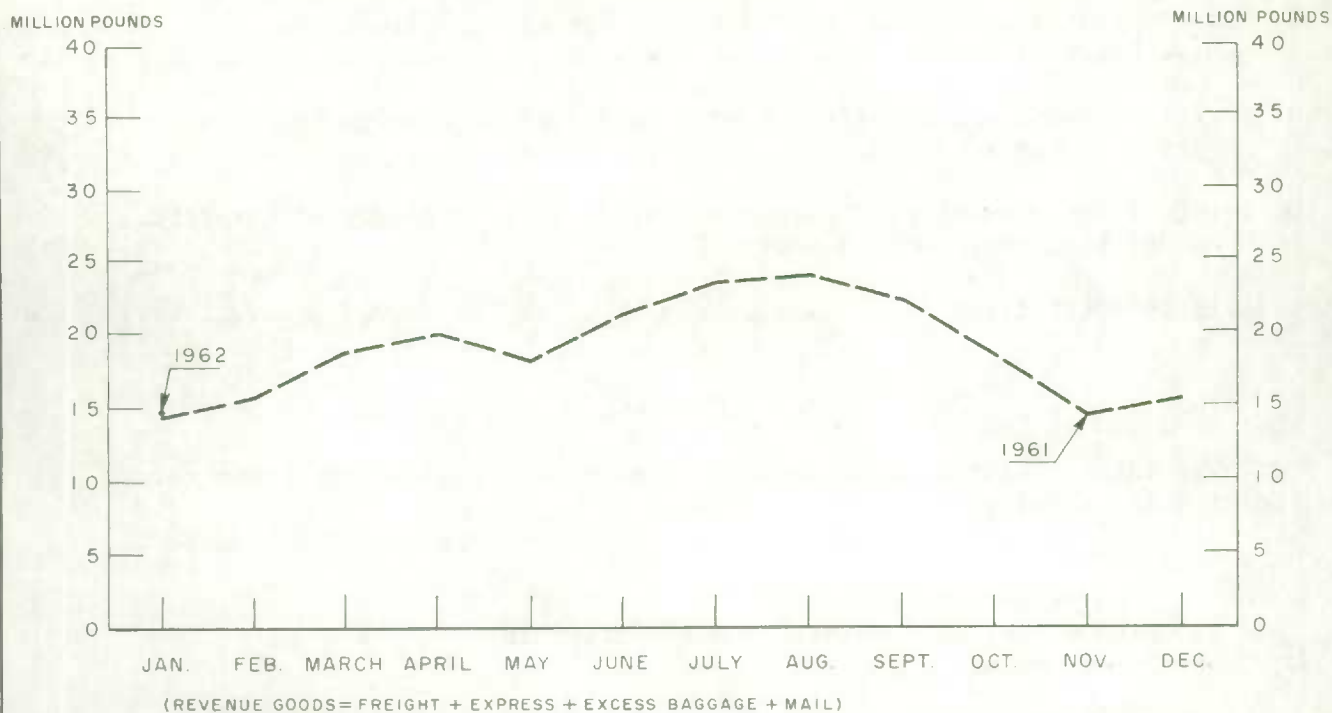
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- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

OPERATING REVENUE OF CANADIAN CARRIERS 1961-1962



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1961-1962



INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd. and Wheeler Air Lines (1960) 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 three Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, Transair Ltd. and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. However, a complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Table 9 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table now includes the operations of both Canadian and Foreign carriers.

Statistics on aircraft owned and leased by Canadian carriers have been introduced in this report. These are presented in Table 10 for each group of carriers, by category of aircraft and weight group.

Review of January Operations

In January, Canadian air carriers transported 14.5 per cent more revenue passengers and one per cent more revenue goods. Passengers carried increased to 393,897 from 343,932 and revenue goods flown aggregated 14,559,159 lbs. as compared with 14,420,621 lbs. in January of the previous year. Revenue miles flown rose to 7,023,955 from 6,966,063. Both operating revenues and expenses registered increases. Revenues rose 8.6 per cent to \$18,376,449 from \$16,919,117 and expenses 6.8 per cent to \$21,364,593 from \$20,007,893. As a result the operating loss for the month amounted to \$2,988,144 as compared with \$3,088,776 in January, 1961. The deficit, after provision for income taxes and other charges, increased to \$3,999,319 from \$3,718,816.

During January, 1962, the six scheduled carriers transported 367,104 revenue passengers or 93.2 per cent of the total number carried and 9,670,198 lbs. of revenue goods or 66.4 per cent of the total. Comparable figures for January, 1961, were 322,056 revenue passengers or 93.8 per cent of the total and 8,561,521 lbs. of revenue goods or 59.4 per cent of the total. The scheduled carriers also accounted for 91.2 per cent of the operating revenues and 90.3 per cent of the operating expenses reported by Canadian air carriers. Corresponding figures for January of the previous year were 90 per cent and 90.2 per cent respectively.

Table 8 shows data for companies flying helicopters only. These companies operate approximately 70 per cent of all commercial helicopters in Canada. In January, 1962, they flew a total of 1,010 revenue hours, an increase of 37.4 per cent from the 735 hours flown in January, 1961.

Foreign carriers licensed to operate in Canada transported 64,102 revenue passengers compared with 51,322 in January, 1961, an increase of 24.9 per cent. The volume of revenue goods handled also increased sharply, rising to 1,817,421 lbs. from 1,477,933 lbs., a gain of 23 per cent. 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, 1962

	Canadian carriers					Foreign carriers (2)		Grand total all carriers	Year to date
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers (3)		
	Group I and II (1)	Group III (1)	Group IV	Total					
Number of carriers reporting ..	6	21	56	77	83	9	8	100	
<u>Transportation services:</u>									
Unit toll:									
Revenue departures	No.	16,922	2,665	733	3,398	20,320	..	..	..
Revenue hours flown	"	22,315	2,681	481	3,162	25,477	438	640	26,555
Revenue miles scheduled ...	"	5,243,555	...	...	...	5,243,555	112,909	249,892	5,606,356
Revenue miles flown:									
Scheduled services	"	5,308,443 (4)	...	...	...	5,308,443 (4)	108,975	246,564	5,663,982 (4)
Non-scheduled services ..	"	305,442 (4)	337,933	57,132	395,065	700,507 (4)	-	-	700,507 (4)
Totals	"	5,613,885	337,933	57,132	395,065	6,008,950	108,975	246,564	6,364,489
Revenue passengers carried	"	364,410	9,211	3,168	12,379	376,789	50,065	13,400	440,254
Revenue goods carried:									
Cargo	1b.	5,527,071	469,950	133,354	603,304	6,130,375	713,932	809,676	7,747,287
Excess baggage	"	69,389 (7)	11,713	12,202	23,915	93,304 (7)			
Mail	"	3,102,525	177,137	13,852	190,989	3,293,514			
Totals	"	8,698,985	658,800	159,408	818,208	9,517,193			
Revenue passenger-miles ...	No.	249,361,585	2,173,445	259,488	2,432,933	251,794,518 ✓	2,433,352	10,323,333	264,551,203
Revenue goods ton-miles:									
Cargo	"	2,812,387	127,178	165,194	292,372	3,104,759 ✓	19,775	309,763	3,566,982
Excess baggage	"	127,996	4,030	659	4,689	132,685			
Mail	"	1,151,993	29,472	2,096	31,568	1,183,561 ✓			
Totals	"	4,092,376	160,680	167,949	328,629	4,421,005			
Bulk:									
Revenue - Departure	"	987	3,250	5,357	8,607	9,594	..	..	..
Hours flown	"	1,417	4,081	3,724	7,805	9,222	-	37	9,259
Miles flown	"	210,231	394,519	410,255	804,774	1,015,005	-	10,919	1,025,924
Passengers carried	"	2,694	7,358	7,056	14,414	17,108	-	637	17,745
Freight carried .	1b.	971,213	2,764,760	1,305,993	4,070,753	5,041,966	-	33,880	5,075,846
<u>Non-transportation services:</u>									
Specialty flying:									
Revenue hours flown	No.	1	613	2,604	3,217	3,218	-	-	3,218

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded
January, 1962

		Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
		Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
			Groups I and II(1)	Group III(1)	Group IV					
Total - All services:										
Traffic: (5)										
Revenue:										
Departures	No.	17,909	5,915	6,090	12,005	29,914	..	..	..
Hours flown	"	23,733	7,375	6,809	14,184	37,917	438	677	39,032	
Miles flown	"	5,824,116	732,452	467,387	1,199,839	7,023,955	108,975	257,483	7,390,413	
Passengers carried	"	367,104	16,569	10,224	26,793	393,897	50,065	14,037	457,999	
Cargo carried	1b.	6,498,284	3,234,710	1,439,347	4,674,057	11,172,341	713,932(6)	843,556(6)	12,823,133(6)	
Goods carried	"	9,670,198	3,423,560	1,465,401	4,888,961	14,559,159	869,221	948,200	16,376,580	
Non-revenue:										
Hours flown	No.	780	476	512	988	1,768	3	-	1,771	
Passengers carried	"	..	222	18	240	..	590	612	..	
Goods carried	1b.	..	34,608	-	34,608	..	6,021	73,339	..	
Passenger-miles	No.	10,229,585	121,373	921	122,294	10,351,879	29,532	466,263	10,847,674	
Goods ton-miles	"	421,839	55,774	-	55,774	477,613	843	22,636	501,092	
Fuel consumed:										
Turbo fuel - Quantity	gal.	12,803,700	-	-	-	12,803,700✓	178,097	1,624,729	14,606,526	
Cost	\$	1,838,255	-	-	-	1,838,255	29,302	296,601	2,164,158	
Gasoline - Quantity	gal.	1,024,554	401,083	134,301	535,384	1,559,938✓	61,084	182,722	1,803,744	
Cost	\$	347,065	152,174	51,394	203,568	550,633	14,757	44,960	610,350	
Oil consumed:										
Turbo aircraft - Quantity	gal.	3,579	-	-	-	3,579✓	58	92	3,729	
Cost	\$	32,118	-	-	-	32,118	370	594	33,082	
Other aircraft - Quantity	gal.	10,758	6,320	1,849	8,169	18,927✓	295	1,965	21,187	
Cost	\$	10,884	7,249	2,663	9,912	20,796	142	1,406	22,344	
Average number of employees:										
Flying personnel	No.	2,062	424	215	639	2,701	..	..	..
Other personnel	"	13,280	844	475	1,319	14,599	..	..	..
Totals	"	15,342	1,268	690	1,958	17,300	269	751	18,320	
Salaries and wages paid:										
Flying personnel	\$	1,500,320	252,350	103,425	355,775	1,856,095	..	..	..
Other personnel	\$	6,019,988	350,751	176,465	527,216	6,547,204	..	..	..
Totals	\$	7,520,308	603,101	279,890	882,991	8,403,299	113,214	327,128	8,843,641	

- (1) Nordair Ltd. and Wheeler Air Lines (1960) 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.
(7) Excludes Group I Carriers.

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

January, 1962

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	13,445,737	580,161	14,025,898	226,716	42,935	269,651	14,295,549	
Express	245,147	32,056	277,203	7,631	276	7,907	285,110	
Freight	629,711	114,386	744,097	71,236	8,772	80,008	824,105	
Excess baggage	74,774	13,919	88,693	4,995	1,010	6,005	94,698	
Mail	978,048	115,765	1,093,813	83,569	4,488	88,057	1,181,870	
Total unit toll transportation	15,373,417	856,287	16,229,704	394,147	57,481	451,628	16,681,332	
Bulk transportation	77,185	249,349	326,534	585,629	280,092	865,721	1,192,255	
Total transportation	15,450,602	1,105,636	16,556,238	979,776	337,573	1,317,349	17,873,587	
Other flying services	381	-	381	75,154	77,144	152,298	152,679	
Total flying services	15,450,983	1,105,636	16,556,619	1,054,930	414,717	1,469,647	18,026,266	
Non-flying services	158,195	45,905	204,100	80,305	65,778	146,083	350,183	
Total operating revenues	15,609,178	1,151,541	16,760,719	1,135,235	480,495	1,615,730	18,376,449	
Operating expenses:								
Flying operations	4,438,281	508,344	4,946,625	575,912	223,412	799,324	5,745,949	
Maintenance	3,856,508	336,176	4,192,684	401,115	155,664	556,779	4,749,463	
General services and administration:								
Passenger service	1,382,908	35,353	1,418,261	..	..	..	..
Aircraft and traffic servicing	2,725,984	196,220	2,922,204	..	..	..	..
Promotion and sales	2,648,605	83,031	2,731,636	..	..	..	..
General administration	773,650	93,041	866,691	..	..	..	..
Totals	7,531,147	407,645	7,938,792	330,388	126,028	456,416	8,395,208	
Depreciation and amortization	2,085,538	119,075	2,204,613	173,707	95,653	269,360	2,473,973	
Total operating expenses	17,911,474	1,371,240	19,282,714	1,481,122	600,757	2,081,879	21,364,593	
Operating income (loss)	Dr. 2,302,296	Dr. 219,699	Dr. 2,521,995	Dr. 345,887	Dr. 120,262	Dr. 466,149	Dr. 2,988,144	
Non-operating income - net:								
Capital gains and losses	-	Dr. 10	Dr. 10	-	-	-	Dr. 10	
Interest and discounts	73,093	3,002	76,095	919	2,567	3,486	79,581	
Miscellaneous non-operating income	Dr. 67,934	206	Dr. 67,728	Dr. 14,972	Dr. 25	Dr. 14,997	Dr. 82,725	
Income before interest expense	Dr. 2,297,137	Dr. 216,501	Dr. 2,513,638	Dr. 359,940	Dr. 117,720	Dr. 477,660	Dr. 2,991,298	
Interest expense	925,493	35,113	960,606	35,402	9,649	45,051	1,005,657	
Income before income taxes	Dr. 3,222,630	Dr. 251,614	Dr. 3,474,244	Dr. 395,342	Dr. 127,369	Dr. 522,711	Dr. 3,996,955	
Provision for income taxes	-	-	-	-	2,364	2,364	2,364	
Net income after income taxes	Dr. 3,222,630	Dr. 251,614	Dr. 3,474,244	Dr. 395,342	Dr. 129,733	Dr. 525,075	Dr. 3,999,319	

(1) Nordair Ltd., and Wheeler Air Lines (1960) Ltd., included with Group III carriers for purposes of this report.

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

January, 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	2,595,765	80,055	162,684	204,361	133,061	10,849,972	14,025,898	
Express	14,197	-	7,705	23,046	1,305	230,950	277,203	
Freight	142,198	53,746	38,220	-	22,420	487,513	744,097	
Excess baggage	22,221	1,327	5,883	5,329	1,380	52,553	88,693	
Mail	124,914	21,019	40,645	34,067	20,034	853,134	1,093,813	
Total unit toll transportation	2,899,295	156,147	255,137	266,803	178,200	12,474,122	16,229,704	
Bulk transportation	49,922	3,670	75,741	1,116	168,822	27,263	326,534	
Total transportation	2,949,217	159,817	330,878	267,919	347,022	12,501,385	16,556,238	
Other flying services	-	-	-	-	-	381	381	
Total flying services	2,949,217	159,817	330,878	267,919	347,022	12,501,766	16,556,619	
Non-flying services	43,271	8,518	33,110	2,379	1,898	114,924	204,100	
Total operating revenues	2,992,488	168,335	363,988	270,298	348,920	12,616,690	16,760,719	
Operating expenses:								
Flying operations	1,334,638	83,693	175,155	88,457	161,039	3,103,643	4,946,625	
Maintenance	594,403	48,612	78,067	75,529	133,968	3,262,105	4,192,684	
General services and administrations:								
Passenger service	282,806	5,121	12,086	5,145	13,001	1,100,102	1,418,261	
Aircraft and traffic servicing	454,059	31,906	120,261	28,044	16,009	2,271,925	2,922,204	
Promotion and sales	577,227	3,251	15,365	39,358	25,057	2,071,378	2,731,636	
General administration	164,513	16,058	38,639	19,859	18,485	609,137	866,691	
Totals	1,478,605	56,336	186,351	92,406	72,552	6,052,542	7,938,792	
Depreciation and amortization	238,308	16,433	42,628	30,476	29,538	1,847,230	2,204,613	
Total operating expenses	3,645,954	205,074	482,201	286,868	397,097	14,265,520	19,282,714	
Operating income (loss)	Dr. 653,466	Dr. 36,739	Dr. 118,213	Dr. 16,570	Dr. 48,177	Dr. 1,648,830	Dr. 2,521,995	
Non-operating income - net:								
Capital gains and losses	-	Dr. 10	-	-	-	-	Dr. 10	
Interest and discounts	19,260	2,959	-	31	12	53,833	76,095	
Miscellaneous non-operating income	Dr. 13,514	16	79	111	-	Dr. 54,420	Dr. 67,728	
Income before interest expense	Dr. 647,720	Dr. 33,774	Dr. 118,134	Dr. 16,428	Dr. 48,165	Dr. 1,649,417	Dr. 2,513,638	
Interest expense	-	4,100	7,888	12,864	10,261	925,493	960,606	
Income before income taxes	Dr. 647,720	Dr. 37,874	Dr. 126,022	Dr. 29,292	Dr. 58,426	Dr. 2,574,910	Dr. 3,474,244	
Provision for income taxes	-	-	-	-	-	-	-	
Net income after income taxes	Dr. 647,720	Dr. 37,874	Dr. 126,022	Dr. 29,292	Dr. 58,426	Dr. 2,574,910	Dr. 3,474,244	

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

January, 1962

		Group I carriers			Group II carriers					Grand total
		Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
<u>Transportation services</u>										
Unit toll:										
Revenue departures	No	1,758	11,528	13,286	734	1,048	1,048	806	3,636	16,922
Revenue hours flown	"	3,497	15,056	18,553	781	1,245	846	890	3,762	22,315
Revenue miles scheduled	"	1,021,055	3,914,471	4,935,526	28,704	165,164	77,565	36,596	308,029	5,243,555
Revenue miles flown:										
Scheduled services - Regular	"	1,004,652	3,797,263	4,801,915	25,527	150,875	76,267	34,948	287,617	5,089,532
Extra section	"	13,499	186,211	199,710	2,467	7,798	8,936	-	19,201	218,911
Non-scheduled services	"	45,464	-	45,464	94,918	12,198	55,963	96,899	259,978	305,442
Totals	"	1,063,615	3,983,474	5,047,089	122,912	170,871	141,166	131,847	566,796	5,613,885
Ratio of regular miles flown to miles scheduled										
		98.4	97.0	...	88.9	91.3	98.3	95.5	...	...
Revenue passengers carried	No.	31,774	308,682	340,456	4,339	7,728	8,096	3,791	23,954	364,410
Revenue goods carried:										
Express	1b.	63,881	654,126	718,007	-	19,374	162,225	9,110	190,709	908,716
Freight	"	305,328	3,207,365	3,512,693	731,860	247,863	-	125,939	1,105,662	4,618,355
Excess baggage .....	"	..	..	..	9,540	17,915	34,244	7,690	69,389	69,389(4)
Mail	"	284,240	2,234,363	2,518,603	116,243	117,844	285,550	64,285	583,922	3,102,525
Totals	"	653,449	6,095,854	6,749,303	857,643	402,996	482,019	207,024	1,949,682	8,698,985
Revenue passenger-miles:										
Scheduled services	No.	46,489,878	194,903,531	241,393,409	300,471	2,141,060	1,717,010	376,687	4,535,228	245,928,637
Non-scheduled services	"	1,006,160	-	1,006,160	584,061	26,920	764,666	1,051,141	2,426,788	3,432,948
Totals	"	47,496,038	194,903,531	242,399,569	884,532	2,167,980	2,481,676	1,427,828	6,962,016	249,361,585
Available seat-miles on scheduled services										
	"	103,123,646	323,881,931	427,005,577	693,472	5,698,276	2,943,008	814,113	10,148,869	437,154,446
Passenger load factor on scheduled services										
		45.1	60.2	...	43.3	37.6	58.3	46.3	...	...
Revenue goods ton-miles:										
Express - Scheduled services	No.	17,051	238,091	255,142	-	6,652	14,338	575	21,565	276,707
Non-scheduled services	"	738	-	738	-	-	6,688	1,647	8,335	9,073
Totals	"	17,789	238,091	255,880	-	6,652	21,026	2,222	29,900	285,780
Freight - Scheduled services	"	371,228	1,878,179	2,249,407	4,892	63,035	-	795	68,722	2,318,129
Non-scheduled services	"	1,166	-	1,166	183,469	1,817	-	22,026	207,312	208,478
Totals	"	372,394	1,878,179	2,250,573	188,361	64,852	-	22,821	276,034	2,526,607

See footnotes at end of table.

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

January, 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total (1)	
<u>Transportation services</u> - concluded:									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services . No.	24,759	90,958	115,717	216	3,308	3,899	435	7,858	123,575
Non-scheduled services	102	-	102	915	25	2,372	1,007	4,319	4,421
Totals	24,861	90,958	115,819	1,131	3,333	6,271	1,442	12,177	127,996
Mail - Scheduled services	86,726	977,259	1,063,985	3,944	36,985	410	1,657	42,996	1,106,981
Non-scheduled services	4,290	-	4,290	9,116	300	23,631	7,675	40,722	45,012
Totals.....	91,016	977,259	1,068,275	13,060	37,285	24,041	9,332	83,718	1,151,993
Total - Scheduled services	499,764	3,184,487	3,684,251	9,052	109,980	18,647	3,462	141,141	3,825,392
Non-scheduled services	6,296	-	6,296	193,500	2,142	32,691	32,355	260,688	266,984
Totals.....	506,060	3,184,487	3,690,547	202,552	112,122	51,338	35,817	401,829	4,092,376
Available ton-miles on scheduled services	13,548,429	44,186,340	57,734,769	80,297	738,835	289,414	83,705	1,192,251	58,927,020
Weight load factor on scheduled services (2)	38.0	51.3	...	48.7	43.9	65.8	49.1	...	...
Bulk:									
Revenue - Departures	15	28	43	12	655	6	271	944	987
Hours flown	69	44	113	17	708	5	574	1,304	1,417
Miles flown	17,687	11,441	29,128	2,646	77,405	676	100,376	181,103	210,231
Passengers carried	359	763	1,122	69	935	7	561	1,572	2,694
Freight carried	102,980	-	102,980	45,632	313,442	10,872	498,287	868,233	971,213
<u>Non-transportation services</u>									
Specialty flying:									
Revenue hours flown	-	1	1	-	-	-	-	-	1
<u>Total - All services</u>									
Traffic: (3)									
Revenue:									
Departures	1,773	11,556	13,329	746	1,703	1,054	1,077	4,580	17,909
Hours flown	3,566	15,101	18,667	798	1,953	851	1,464	5,066	23,733
Miles flown	1,081,302	3,994,915	5,076,217	125,558	248,276	141,842	232,223	747,899	5,824,116
Passengers carried	32,133	309,445	341,578	4,408	8,663	8,103	4,352	25,526	367,104
Cargo carried	472,189	3,861,491	4,333,680	777,492	580,679	173,097	633,336	2,164,604	6,498,284
Goods carried	756,429	6,095,854	6,852,283	903,275	716,438	492,891	705,311	2,817,915	9,670,198

See footnotes at end of table.

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

January, 1962

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Maritime Central Airways	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic(3) - Concluded:									
Non-revenue:									
Hours flown	No. 77	487	564	36	135	27	18	216	780
Passengers carried	" 657	..	..	160	170	280	97	707	..
Goods carried	lb. 116,428	..	..	20,459	31,334	-	11,119	62,912	..
Passenger-miles	No. 1,208,632	8,798,734	10,007,366	28,329	63,875	76,461	53,554	222,219	10,229,585
Goods ton-miles	" 153,831	250,044	403,875	4,186	10,702	-	3,076	17,964	421,839
Fuel consumed:									
Turbo fuel - Quantity	gal. 2,481,384	10,199,550	12,680,934	-	-	122,766	-	122,766	12,803,700
Cost	\$ 431,130	1,383,482	1,814,612	-	-	23,643	-	23,643	1,838,255
Gasoline - Quantity	gal. 378,798	158,803	537,601	113,341	153,707	40,114	179,791	486,953	1,024,554
Cost	\$ 114,623	41,189	155,812	37,344	70,376	12,532	71,001	191,253	347,065
Oil consumed:									
Turbo aircraft - Quantity	gal. 389	2,731	3,120	-	-	459	-	459	3,579
Cost	\$ 3,756	27,619	31,375	-	-	743	-	743	32,118
Other aircraft - Quantity	gal. 3,847	2,604	6,451	1,023	1,778	409	1,097	4,307	10,758
Cost	\$ 3,767	2,391	6,158	1,023	2,223	383	1,097	4,726	10,884
Average number of employees:									
Flying personnel	No. 378	1,453	1,831	34	87	49	61	231	2,062
Other personnel	" 2,155	10,135	12,290	160	361	233	236	990	13,280
Totals	" 2,533	11,588	14,121	194	448	282	297	1,221	15,342
Salaries and wages paid:									
Flying personnel	\$ 311,526	1,036,527	1,348,053	23,905	68,192	21,804	38,366	152,267	1,500,320
Other personnel	\$ 917,640	4,672,814	5,590,454	60,266	161,007	115,087	93,174	429,534	6,019,988
Totals	\$ 1,229,166	5,709,341	6,938,507	84,171	229,199	136,891	131,540	581,801	7,520,308

(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.

(4) Excludes Group I Carriers.

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

January, 1962

		Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:								
Originated	No.	26,162	3,942	7,484	8,096	3,350	268,326	317,360
Domestic interline	"	3,101	397	-	-	-	40,356	46,037
Foreign interline	"	2,183	-	-	-	-	-	-
Totals (2)	"	31,446	4,339	7,484	8,096	3,350	308,682	363,397
Revenue express carried:								
Originated	1b.	63,881	-	19,374	162,225	9,110	654,126	908,716
Domestic interline	"	-	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-	-
Totals (2)	"	63,881	-	19,374	162,225	9,110	654,126	908,716
Revenue freight carried:								
Originated	"	236,938	705,141	228,058	-	53,481	3,207,365	4,430,983
Domestic interline	"	14,914	-	-	-	-	-	14,914
Foreign interline	"	26,183	-	-	-	-	-	26,183
Totals (2)	"	278,035	705,141	228,058	-	53,481	3,207,365	4,472,080
Revenue excess baggage carried:								
Originated	"	..	9,540	17,455	34,244	6,782	..	68,021
Domestic interline	"	..	-	-	-	-	..	-
Foreign interline	"	..	-	-	-	-	..	-
Totals (2)	"	..	9,540	17,455	34,244	6,782	..	68,021(3)
Revenue mail carried:								
Originated	"	284,240	116,243	112,297	285,550	20,067	2,234,363	3,052,760
Domestic interline	"	-	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-	-
Totals (2)	"	284,240	116,243	112,297	285,550	20,067	2,234,363	3,052,760

(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, 1962

		Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No.	1,740	371	394	94	2,599	11,493	14,092
Revenue hours flown	"	2,537	1,341	1,221	648	5,747	13,696	19,443
Revenue miles scheduled	"	570,317	584,039	425,041	245,335	1,824,732	3,147,390	4,972,122
Revenue miles flown:								
Scheduled services - Regular	"	536,323	569,594	414,970	241,441	1,762,328	3,074,535	4,836,863
Extra sections	"	25,952	9,960	22,172	8,301	66,385	133,325	199,710
Non-scheduled services	"	-	-	-	-	-	142,363	142,363
Totals	"	562,275	579,554	437,142	249,742	1,828,713	3,350,223	5,178,936
Ratio of regular miles flown to miles scheduled		94.0	97.5	97.6	98.4	96.6	97.7	97.3
Revenue passengers	No.	...	...	...	...	100,795	243,452	344,247
Revenue cargo	lb.	...	...	...	...	1,804,050	2,569,389	4,373,439
Revenue mail .....	"	...	...	...	...	296,646	2,286,242	2,582,888
Revenue passenger-miles	No.	24,337,499	30,591,020	27,000,954	11,236,885	93,166,358	150,661,039	243,827,397
Available seat-miles on scheduled services	"	38,209,677	70,951,798	46,862,210	26,673,245	182,696,930	245,122,760	427,819,690
Passenger load factor on scheduled services		64.0	43.1	57.6	42.1	51.0	61.5	57.0
Revenue goods ton-miles:								
Express	No.	43,262	-	-	-	43,262	214,840	258,102
Freight	"	161,711	610,818	140,937	159,653	1,073,119	1,200,275	2,273,394
Excess baggage	"	12,132	20,680	20,880	4,755	58,447	58,814	117,261
Mail	"	29,570	165,529	27,726	36,481	259,306	818,301	1,077,607
Totals	"	246,675	797,027	189,543	200,889	1,434,134	2,292,230	3,726,364
Available ton-miles on scheduled services	"	4,967,722	9,761,888	6,726,005	3,530,487	24,986,102	32,832,372	57,818,474
Weight load factor on scheduled services(1)		54.0	39.5	43.0	37.5	43.0	52.1	48.2

(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, 1962

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	1,678	38,127		
Recreational flying	555	9,733		
Aerial photography and survey	40	12,686		
Aerial photography (excl. survey)	15	551		
Aerial pest control	-	-		
Aerial advertising	4	325		
Aerial patrol and inspection	582	40,065		
Philanthropic	-	-		
Aerial fish cultivation	-	-		
Geophysical survey	320	52,813		
Non-transportation charter	12	600		
Other specialty flying	12	4,653		
Total specialty flying	3,218	159,553		

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

January, 1962

	Month	Year to date
Revenue hours flown	No. 1,010	
Average number of aircraft	" 115	
Average number of employees:		
Flying personnel	" 180	
Other personnel	" 137	
Totals	" 317	
Salaries and wages paid:		
Flying personnel	\$ 106,480	
Other personnel	\$ 74,375	
Totals	\$ 180,855	
Operating revenues:		
Bulk transportation	\$ 152,949	
Other flying services	\$ 15,692	
Non-flying services	\$ 33,556	
Totals	\$ 202,197	
Operating expenses:		
Flying operations	\$ 148,737	
Maintenance	\$ 90,410	
General services and administration ..	\$ 78,292	
Depreciation and amortization	\$ 94,928	
Totals	\$ 412,367	
Operating income (loss)	\$ Dr. 210,170	
Net income (deficit) after income taxes	\$ Dr. 216,991	

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

January, 1962

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	65,901	65,721	131,622	7,140	11,142	18,282
Bulk transportation	"	249	211	460	122	515	637
Totals	"	66,150	65,932	132,082	7,262	11,657	18,919
Revenue freight, express and excess baggage carried:							
Unit toll transportation	1b.	365,084	1,666,532	2,031,616	308,223	817,036	1,125,259
Bulk transportation	"	3,030	-	3,030	-	33,880	33,880
Totals	"	368,114	1,666,532	2,034,646	308,223	850,916	1,159,139
Mail carried (Unit toll transportation) ..	"	109,256	216,487	325,743	93,541	107,044	200,585
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	5,735	6,233	11,968	78,776	83,096	161,872
Bulk transportation	"	123	125	248	494	851	1,345
Totals	"	5,858	6,358	12,216	79,270	83,947	163,217
Revenue freight, express and excess baggage carried:							
Unit toll transportation	1b.	98,189	39,320	137,509	771,496	2,522,888	3,294,384
Bulk transportation	"	17,470	85,510	102,980	20,500	119,390	139,890
Totals	"	115,659	124,830	240,489	791,996	2,642,278	3,434,274
Mail carried (Unit toll transportation) ..	"	8,373	10,721	19,094	211,170	334,252	545,422

(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, 1962

Categories of Aircraft and Weight Groups	Groups I and II(1)		Group III(1)		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
Number of carriers reporting	6		23		66		250		345	
Helicopters No.	-	-	115	5	29	3	18	-	162	8
Turbo jets "	11	4	-	-	-	-	-	-	11	4
Turbo props:										
300,001 lb. and over	-	-	-	-	-	-	-	-	-	-
150,001-300,000 lb.	-	6	-	-	-	-	-	-	-	6
100,001-150,000 "	20	-	-	-	-	-	-	-	20	-
50,001-100,000 "	49	-	-	-	-	-	-	-	49	-
50,000 lb. and under	3	-	-	-	1	-	-	-	4	-
Total turbo props	72	6	-	-	1	-	-	-	73	6
Piston engined:										
Four engines:										
130,001 lb. and over	11	-	-	-	-	-	2	-	13	-
100,001-130,000 lb.	5	-	-	-	-	-	-	-	5	-
70,001-100,000 "	6	4	5	1	-	-	-	-	11	5
50,001- 70,000 "	1	-	-	2	-	-	-	-	1	2
50,000 lb. and under	-	-	-	-	-	-	-	-	-	-
Total four engines	23	4	5	3	-	-	2	-	30	7
One or two engines:										
40,001 lb. and over	17	-	1	8	-	-	-	-	18	8
25,001-40,000 lb.	24	1	28	7	7	-	2	-	61	8
20,001-25,000 "	-	-	3	-	7	-	-	-	10	-
15,001-20,000 "	-	-	21	3	-	-	4	-	25	3
10,001-15,000 "	1	-	3	-	5	-	3	-	12	-
7,501-10,000 "	15	-	60	2	33	1	13	-	121	3
5,001- 7,500 "	17	6	40	1	57	4	21	3	135	14
4,001- 5,000 "	3	-	4	1	11	-	9	1	27	2
3,001- 4,000 "	-	-	7	1	22	9	44	1	73	11
2,001- 3,000 "	5	-	45	4	123	14	211	41	384	59
2,000 lb. and under	2	-	8	2	97	3	396	40	503	45
Total one or two engines	84	7	220	29	362	31	703	86	1,369	153
Grand total	190	21	340	37	392	34	723	86	1,645	178

(1) Nordair Ltd. and Wheeler Air Lines (1960) Ltd. included with Group III carriers for purposes of this report.

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: (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:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class 1) service plus two major transport carriers: Nordair Ltd. and Wheeler Air Lines (1960) 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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