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TABLE OF CONTENTS

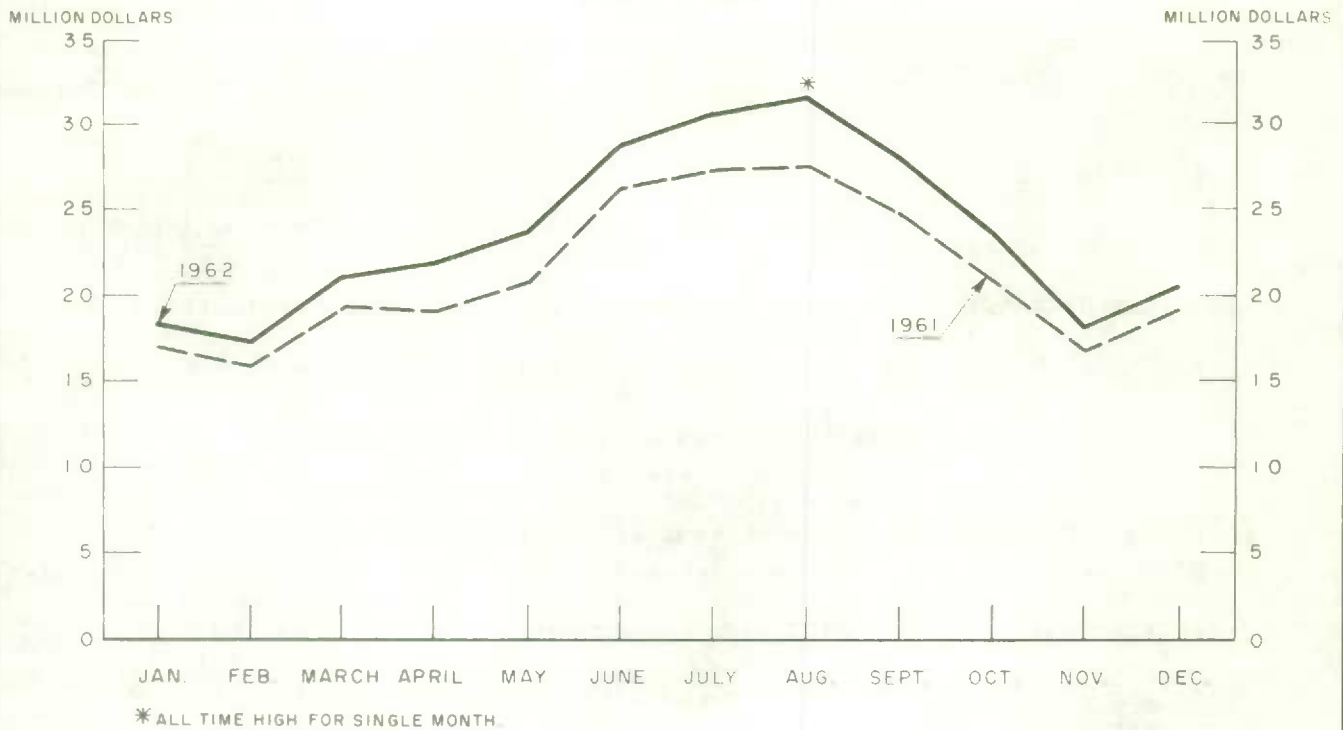
	Page
Charts:	
Operating Revenues of Canadian Carriers	4
Revenue Goods Carried by Canadian Carriers	4
 Introduction	 5
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services	6
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	8
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company	9
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company	10
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company	13
6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service	14
7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service	15
8. Statistical Summary of Canadian Carriers Operating Helicopters only, Groups I to IV	15
9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service	16
10. Operating Statistics, Canadian Group V Carriers	17
11. Revenues and Expenses, Canadian Group V Carriers	17
12. Aircraft Owned and Leased, Canadian Carriers, by Category of Aircraft and Weight Group, as at January 15th, 1963	18
Civil Aviation Definitions	19

SYMBOLS

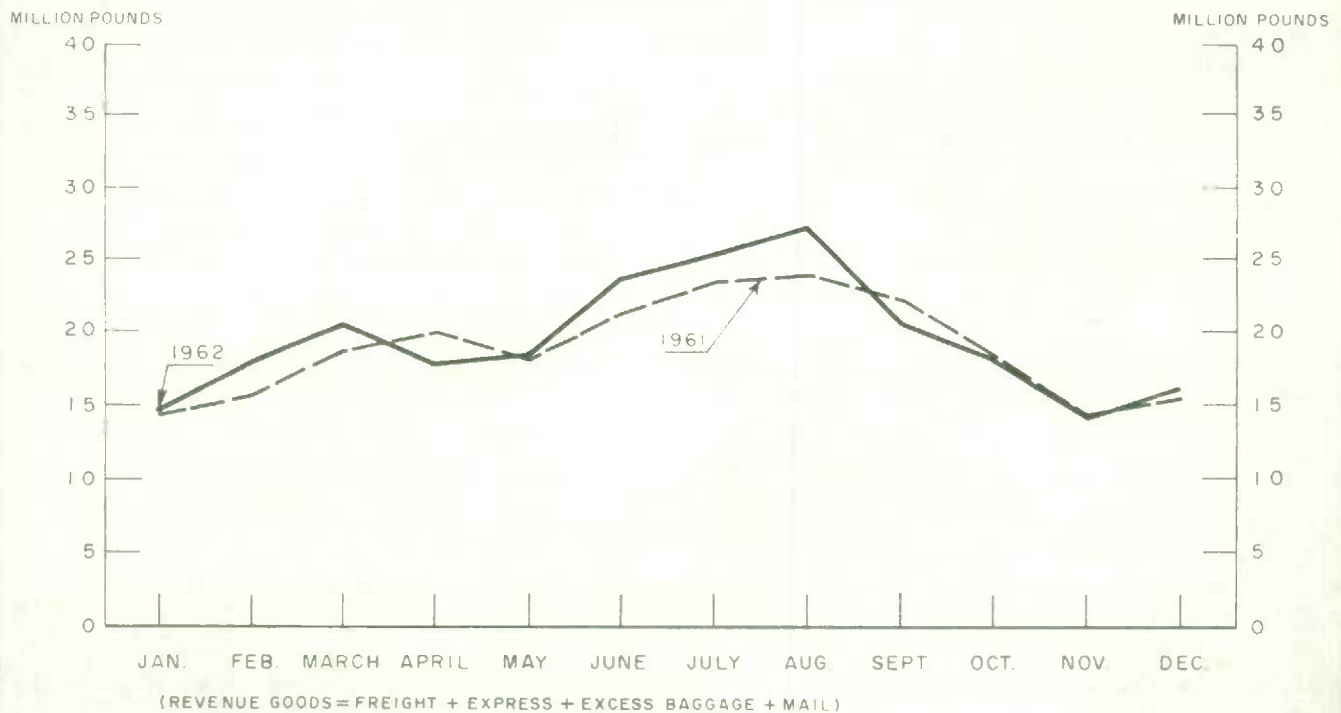
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OPERATING REVENUE OF CANADIAN CARRIERS 1961-1962



REVENUE GOODS CARRIED BY CANADIAN CARRIERS 1961-1962



INTRODUCTION

This report presents a summary of monthly statements filed by Canadian and foreign air carriers licensed to operate in Canada. A more comprehensive annual report based on audited yearly statements will be published later under the title "Civil Aviation 1962". Data shown in this report are subject to revision.

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 three Canadian carriers operating international unit toll services: Canadian Pacific Airlines, Trans-Canada Air Lines and Transair Ltd. 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; also separate totals for Canadian and foreign carriers. Passengers, cargo and mail in transit through Canada are excluded.

Statistics on aircraft owned and leased by Canadian carriers are presented in Table 12 for each group of carriers, by category of aircraft and weight group.

Review of operations:

In 1962, Canadian air carriers transported 5,268,799 passengers compared with 4,950,897 the previous year, an increase of 16 per cent, while the revenue goods rose to 236,561,782 lbs. from 228,077,376 lbs., an increase of 3.7 per cent. Revenue miles flown were up 1.8 per cent to 99,314,204 from 97,577,514. Operating revenues for 1962 totalled \$284,443,403 compared with \$254,873,901 for 1961, an increase of 11.6 per cent and operating expenses rose to \$277,076,521 from \$257,445,532, an increase of 7.6 per cent. As a result the Canadian air carriers showed an operating income of \$7,366,882 compared with a deficit of \$2,571,631 for the previous year. However after provision for income taxes and other charges were deducted there was an operating deficit of \$4,520,384 which was 65.6 per cent lower than the figure of \$13,146,423 for the year 1961.

The six scheduled carriers transported 4,695,464 revenue passengers or 89.1 per cent of the total carried by Canadian airlines, and 142,192,333 lbs. of revenue goods or 56.9 per cent of the total for the year under review. During 1961 these same carriers transported 90 per cent of the revenue passengers and 55.1 per cent of the revenue goods. The scheduled carriers also accounted for 87.8 per cent of all operating revenues and 87.9 per cent of the operating expenses.

Data for companies flying helicopters only are shown in Table 8. These companies operate approximately 70 per cent of all commercial helicopters in Canada. During 1962 they flew a total of 49,087 revenue hours and reported operating revenues of \$6,713,045 while operating expenses amounted to \$6,343,538. The resulting net income after income taxes of \$283,401 compares with that of \$280,586 reported in 1961.

The Group V carriers transported 154,323 revenue passengers and 10,127,198 lbs. of revenue goods for the year 1962 compared with 151,498 passengers and 10,397,821 lbs. of goods during 1961. The operating revenues for this group totalled \$7,238,023 and operating expenses amounted to \$7,407,349 compared to \$8,770,977 and \$8,819,055 respectively for 1961.

The number of passengers carried by foreign carriers during 1962 remained practically the same while the volume of revenue goods rose 6.9 per cent, the revenue passengers totalling 795,375 (789,680 in 1962) and revenue goods 23,505,980 lbs. (21,991,694 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

Preliminary Annual 1962

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Grand total 1961
	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	22	61	83	89	9	9	107	101
Transportation services:									
Unit toll:									
Revenue departures No.	208,534	33,475	8,887	42,362	250,896	..	..	..	..
Revenue hours flown "	272,217	34,054	6,116	40,170	312,387	4,691	10,616	327,694	344,220
Revenue miles scheduled "	65,811,182	...	...	...	65,811,182	1,176,779	4,152,770	71,140,731	72,062,817
Revenue miles flown:									
Scheduled services "	66,944,509(4)	...	...	...	66,944,509(4)	1,150,891	4,185,081	72,280,481(4)	73,130,109(4)
Non-scheduled services ... "	3,927,581(4)	4,390,074	776,914	5,166,988	9,094,569(4)	-	-	9,094,569(4)	8,340,254(4)
Totals "	70,872,090	4,390,074	776,914	5,166,988	76,039,078	1,150,891	4,185,081	81,375,050	81,470,363
Revenue passengers carried "	4,603,139	153,833	35,437	189,270	4,792,409	555,244	222,431	5,570,084	5,309,978
Revenue goods carried:									
Cargo lb.	82,497,187	7,715,034	1,472,177	9,187,211	91,684,398	8,451,158	11,807,732	113,313,798	99,387,112
Excess baggage "	985,261(5)	207,658	177,591	385,249	1,370,510(5)	-	-	-	-
Mail "	36,539,380	1,655,090	232,453	1,887,543	38,426,923	1,597,331	1,568,278	41,592,532	39,024,564
Totals "	120,021,828	9,577,782	1,882,221	11,460,003	131,481,831	10,048,489	13,376,010	154,906,330	138,411,676
Revenue passenger-miles No.	3,425,681,894	35,138,326	2,907,071	38,045,397	3,463,727,291	26,453,113	176,491,017	3,666,671,421	3,352,704,994
Revenue goods ton-miles:									
Cargo "	41,115,227	1,978,137	339,239	2,317,376	43,432,603	229,948	4,388,680	50,044,715	42,476,457
Excess baggage "	1,904,050	80,602	8,832	89,434	1,993,484	-	-	-	-
Mail "	14,914,000	361,102	14,106	375,208	15,289,208	32,598	672,837	15,994,643	14,856,343
Totals "	57,933,277	2,419,841	362,177	2,782,018	60,715,295	262,546	5,061,517	66,039,358	57,332,800
Bulk:									
Revenue - Departure "	24,269	84,413	111,894	196,307	220,576	..	..	..	..
Hours flown "	30,900	110,628	88,964	199,592	230,492	4	671	231,167	244,132
Miles flown "	5,131,695	8,965,427	9,178,004	18,143,431	23,275,126	579	197,175	23,472,880	21,865,023
Passengers carried "	92,325	180,621	203,444	384,065	476,390	280	17,420	494,090	430,599
Freight carried .. lb.	22,170,505	56,727,187	26,182,259	82,909,446	105,079,951	-	81,481	105,161,432	111,657,394
Non-transportation services:									
Specialty flying:									
Revenue hours flown No.	116	22,752	60,514	83,266	83,382	-	-	83,382	75,808

See footnotes at end of table.

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

Preliminary Annual 1962

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Grand total 1961
	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.	232,803	117,888	120,781	238,669	471,472	..	..	..
Hours flown	"	303,233	167,434	155,594	323,028	626,261	4,695	11,287	664,160
Miles flown	"	76,003,785	13,355,501	9,954,918	23,310,419	99,314,204	1,151,470	4,382,256	103,335,386
Passengers carried	"	4,695,464	334,454	238,881	573,335	5,268,799	555,524	239,851	5,740,577
Cargo carried	lb.	104,667,692	64,442,221	27,654,436	92,096,657	196,764,349	8,451,158(7)	11,889,213(7)	211,044,506(7)
Goods carried	"	142,192,333	66,304,969	28,064,480	94,369,449	236,561,782	10,048,489	13,457,491	250,069,070
Non-revenue:									
Hours flown	No.	7,889	12,166	5,827	17,993	25,882	46	44	25,972
Passengers carried	"	..	3,729	257	3,986	..	8,436	9,903	..
Goods carried	lb.	..	1,007,049	-	1,007,049	..	172,730	978,357	..
Passenger-miles	No.	174,092,015	2,166,696	18,388	2,185,084	176,277,099	578,718	7,286,502	156,013,993
Goods ton-miles	"	5,929,445	520,353	-	520,353	6,449,798	16,549	308,621	6,333,472
Fuel consumed:									
Turbo fuel - Quantity	gal.	170,564,025	516,518	-	516,518	171,080,543	4,346,419	27,913,484	172,577,570
Cost	\$	24,516,830	112,654	-	112,654	24,629,484	656,900	4,338,488	25,194,898
Gasoline - Quantity	gal.	10,106,475	7,164,758	2,990,840	10,155,598	20,262,073	630,384	2,655,211	35,488,754
Cost	\$	3,458,932	2,781,565	1,123,202	3,904,767	7,363,699	157,076	614,381	11,986,491
Oil consumed:									
Turbo aircraft - Quantity ..	gal.	51,147	1,085	-	1,085	52,232	219	1,308	34,951
Cost	\$	438,140	2,876	-	2,876	441,016	1,294	10,047	326,489
Other aircraft - Quantity ..	gal.	126,238	86,543	44,982	131,525	257,763	4,637	26,831	476,172
Cost	\$	129,250	134,659	60,906	195,565	324,815	4,483	19,448	490,302
Average number of employees:									
Flying personnel	No.	2,177	477	266	743	2,920	..	..	..
Other personnel	"	13,498	878	510	1,388	14,886	..	..	..
Totals	"	15,675	1,355	776	2,131	17,806	240	766	18,745
Salaries and wages paid:									
Flying personnel	\$	19,477,505	3,807,031	1,718,439	5,525,470	25,002,975	..	..	..
Other personnel	\$	73,613,623	4,628,717	2,384,943	7,013,660	80,627,283	..	..	..
Totals	\$	93,091,128	8,435,748	4,103,382	12,539,130	105,630,258	1,378,045	3,904,367	107,499,078

(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

Preliminary Annual 1962

	Scheduled carriers			Non-scheduled carriers			Grand total all carriers	Grand total 1961
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	198,139,006	8,686,046	206,825,052	3,805,313	517,324	4,322,637	211,147,689	186,890,383
Express	3,629,556	542,772	4,172,328	129,784	45,847	175,631	4,347,959	3,661,298
Freight	9,355,917	1,919,161	11,275,078	1,044,914	47,928	1,092,842	12,367,920	10,897,999
Excess baggage	1,200,385	211,930	1,412,315	99,608	13,986	113,594	1,525,909	1,327,808
Mail	12,445,892	1,181,105	13,626,997	726,021	61,330	787,351	14,414,348	13,867,910
Total unit toll transportation ..	224,770,756	12,541,014	237,311,770	5,805,640	686,415	6,492,055	243,803,825	216,645,398
Bulk transportation	4,827,191	4,437,248	9,264,439	14,159,573	6,698,169	20,857,742	30,122,181	27,720,828
Total transportation	229,597,947	16,978,262	246,576,209	19,965,213	7,384,584	27,349,797	273,926,006	244,366,226
Other flying services	29,693	-	29,693	2,960,113	2,033,428	4,993,541	5,023,234	5,363,062
Total flying services	229,627,640	16,978,262	246,605,902	22,925,326	9,418,012	32,343,338	278,949,240	249,729,288
Non-flying services	2,487,791	543,481	3,031,272	1,006,475	1,456,416	2,462,891	5,494,163	5,144,613
Total operating revenues	232,115,431	17,521,743	249,637,174	23,931,801	10,874,428	34,806,229	284,443,403	254,873,901
Operating expenses:								
Flying operations	56,142,370	5,917,553	62,059,923	10,005,032	4,082,286	14,087,318	76,147,241	73,316,322
Maintenance	47,186,707	4,434,146	51,620,853	6,788,840	2,692,420	9,481,260	61,102,113	55,775,771
General services and administration:								
Passenger service	17,835,479	472,900	18,308,379	..	..	..	..	..
Aircraft and traffic servicing	32,980,941	2,340,639	35,321,580	..	..	..	..	..
Promotion and sales	36,098,358	1,159,204	37,257,562	..	..	..	..	..
General administration	9,753,972	1,234,801	10,988,773	..	..	..	..	..
Totals	96,668,750	5,207,544	101,876,294	4,582,280	1,866,690	6,448,970	108,325,264	100,003,284
Depreciation and amortization	25,928,530	1,950,969	27,879,499	2,262,554	1,359,850	3,622,404	31,501,903	28,350,155
Total operating expenses	225,926,357	17,510,212	243,436,569	23,638,706	10,001,246	33,639,952	277,076,521	257,445,532
Operating income (loss)	6,189,074	11,531	6,200,605	293,095	873,182	1,166,277	7,366,882	Dr. 2,571,631
Non-operating income - Net:								
Capital gains and losses	Dr. 393,090	Dr. 16,273	Dr. 409,363	209,443	92,771	302,214	Dr. 107,149	Dr. 513,958
Interest and discounts	1,554,736	139,012	1,693,748	38,395	4,160	42,555	1,736,303	1,934,140
Miscellaneous non-operating income ..	Dr. 576,041	Dr. 69,846	Dr. 645,887	Dr. 75,456	42,852	Dr. 32,604	Dr. 678,491	86,396
Income before interest expense	6,774,679	64,424	6,839,103	465,477	1,012,965	1,478,442	8,317,545	Dr. 1,065,053
Interest expense	11,518,774	527,267	12,046,041	554,843	178,918	733,761	12,779,802	11,790,763
Income before income taxes	Dr. 4,744,095	Dr. 462,843	Dr. 5,206,938	Dr. 89,366	834,047	744,681	Dr. 4,462,257	Dr. 12,855,816
Provision for income taxes	Cr. 5,162	145	Cr. 5,017	15,258	47,886	63,144	58,127	290,607
Net income after income taxes	Dr. 4,738,933	Dr. 462,988	Dr. 5,201,921	Dr. 104,624	786,161	681,537	Dr. 4,520,384	Dr. 13,146,423

(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

Preliminary Annual 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Total 1961
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	39,347,397	1,081,314	2,740,893	2,987,142	1,876,697	158,791,609	206,825,052	183,464,645
Express	200,651	-	105,013	412,882	24,877	3,428,905	4,172,328	3,527,361
Freight	2,321,558	988,056	622,238	-	308,867	7,034,359	11,275,078	9,890,786
Excess baggage	311,560	16,075	89,355	84,173	22,327	888,825	1,412,315	1,247,165
Mail	1,884,223	269,255	513,051	153,911	244,888	10,561,669	13,626,997	13,089,323
Total unit toll transportation ..	44,065,389	2,354,700	4,070,550	3,638,108	2,477,656	180,705,367	237,311,770	211,219,280
Bulk transportation	3,668,783	163,721	1,525,609	16,724	2,731,194	1,158,408	9,264,439	6,326,844
Total transportation	47,734,172	2,518,421	5,596,159	3,654,832	5,208,850	181,863,775	246,576,209	217,546,124
Other flying services	-	-	-	-	-	29,693	29,693	390,783
Total flying services	47,734,172	2,518,421	5,596,159	3,654,832	5,208,850	181,893,468	246,605,902	217,936,907
Non-flying services	907,792	141,138	327,077	46,519	28,747	1,579,999	3,031,272	3,023,786
Total operating revenues	48,641,964	2,659,559	5,923,236	3,701,351	5,237,597	183,473,467	249,637,174	220,960,693
Operating expenses:								
Flying operations	18,346,153	1,009,199	2,158,599	1,064,171	1,685,584	37,796,217	62,059,923	59,458,956
Maintenance	8,360,144	666,608	1,224,747	818,111	1,724,680	38,826,563	51,620,853	47,309,963
General services and administrations:								
Passenger service	4,286,704	76,524	168,483	60,984	166,909	13,548,775	18,308,379	17,554,507
Aircraft and traffic servicing	5,834,184	427,635	1,359,694	321,431	231,879	27,146,757	35,321,580	33,887,944
Promotion and sales	8,218,390	76,801	231,858	536,933	313,612	27,879,968	37,257,562	32,420,623
General administration	2,131,273	248,634	413,680	271,257	301,230	7,622,699	10,988,773	10,055,493
Totals	20,470,551	829,594	2,173,715	1,190,605	1,013,630	76,198,199	101,876,294	93,918,567
Depreciation and amortization	2,671,255	600,310	495,551	375,228	479,880	23,257,275	27,879,499	24,870,797
Total operating expenses	49,848,103	3,105,711	6,052,612	3,448,115	4,903,774	176,078,254	243,436,569	225,558,283
Operating income (loss)	Dr. 1,206,139	Dr. 446,152	Dr. 129,376	253,236	333,823	7,395,213	6,200,605	Dr. 4,597,590
Non-operating income - Net:								
Capital gains and losses	Dr. 393,090	44,371	Dr. 37,594	Dr. 2,350	Dr. 20,700	-	Dr. 409,363	Dr. 667,166
Interest and discounts	426,123	138,056	-	321	635	1,128,613	1,693,748	1,897,504
Miscellaneous non-operating income ..	Dr. 25,202	Dr. 6,781	Dr. 58,138	Dr. 4,927	-	Dr. 550,839	Dr. 645,887	Dr. 115,016
Income before interest expense	Dr. 1,198,308	Dr. 270,506	Dr. 225,108	246,280	313,758	7,972,987	6,839,103	Dr. 3,482,268
Interest expense	-	68,457	152,369	185,463	120,978	11,518,774	12,046,041	11,081,634
Income before income taxes	Dr. 1,198,308	Dr. 338,963	Dr. 377,477	60,817	192,780	Dr. 3,545,787	Dr. 5,206,938	Dr. 14,563,902
Provision for income taxes	-	145	-	-	-	Cr. 5,162	Cr. 5,017	53,022
Net income after income taxes	Dr. 1,198,308	Dr. 339,108	Dr. 377,477	60,817	192,780	Dr. 3,540,625	Dr. 5,201,921	Dr. 14,616,924

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

Preliminary Annual 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)	
Transportation services:									
Unit toll:									
Revenue departures No.	21,892	141,371	163,263	8,719	13,620	13,177	9,755	45,271	208,534
Revenue hours flown "	41,012	185,470	226,482	8,895	14,813	10,430	11,597	45,735	272,217
Revenue miles scheduled "	12,558,473	49,559,504	62,117,977	326,954	1,968,866	977,425	419,960	3,693,205	65,811,182
Revenue miles flown:									
Scheduled services - Regular "	12,389,981	48,725,118	61,115,099	299,449	1,825,538	957,164	407,873	3,490,024	64,605,123
Extra section "	122,985	2,000,171	2,123,156	25,891	143,266	30,827	16,246	216,230	2,339,386
Non-scheduled services "	632,403	-	632,403	1,102,109	162,216	860,289	1,170,564	3,295,178	3,927,581
Totals "	13,145,369	50,725,289	63,870,658	1,427,449	2,131,020	1,848,280	1,594,683	7,001,432	70,872,090
Ratio of regular miles flown to miles scheduled	98.7	98.3	...	91.6	92.7	97.9	97.1	...	...
Revenue passengers carried No.	432,575	3,837,491	4,270,066	56,555	121,112	102,462	52,944	333,073	4,603,139
Revenue goods carried:									
Express lb.	876,457	9,547,255	10,423,712	-	299,863	2,153,927	150,652	2,604,442	13,028,154
Freight "	5,584,641	46,846,287	52,430,928	10,024,207	5,017,167	-	1,996,731	17,038,105	69,469,033
Excess baggage "	-	-	-	130,502	287,656	449,312	117,791	985,261	985,261(2)
Mail "	2,076,653	29,162,213	31,238,866	1,476,027	1,727,761	1,325,996	770,730	5,300,514	36,539,380
Totals "	8,537,751	85,555,755	94,093,506	11,630,736	7,332,447	3,929,235	3,035,904	25,928,322	120,021,828
Revenue passenger-miles:									
Scheduled services No.	682,880,290	2,629,285,479	3,312,165,769	4,068,893	32,350,594	19,785,368	4,910,123	61,114,978	3,373,280,747
Non-scheduled services "	14,105,789	-	14,105,789	7,568,377	477,341	14,042,750	16,206,890	38,295,358	52,401,147
Totals "	696,986,079	2,629,285,479	3,326,271,558	11,637,270	32,827,935	33,828,118	21,117,013	99,410,336	3,425,681,894
Available seat-miles on scheduled services "	1,385,735,833	4,379,236,377	5,764,972,210	9,777,244	74,729,274	34,207,000	10,114,224	128,827,742	5,893,799,952
Passenger load factor on scheduled services	49.3	60.0	...	41.6	43.3	57.8	48.5	...	...
Revenue goods ton-miles:									
Express - Scheduled services No.	231,607	3,516,399	3,748,006	-	85,767	187,823	10,116	283,706	4,031,712
Non-scheduled services "	10,027	-	10,027	-	-	129,133	30,216	159,349	169,376
Totals "	241,634	3,516,399	3,758,033	-	85,767	316,956	40,332	443,055	4,201,088
Freight - Scheduled services "	6,477,265	26,307,255	32,784,520	39,348	1,332,611	-	14,403	1,386,362	34,170,882
Non-scheduled services "	21,699	-	21,699	2,397,029	15,664	-	308,865	2,721,558	2,743,257
Totals "	6,498,964	26,307,255	32,806,219	2,436,377	1,348,275	-	323,268	4,107,920	36,914,139

See footnotes at end of table.

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

Preliminary Annual 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)	
Transportation services - Concluded:									
Unit toll - Concluded:									
Revenue goods ton-miles - Concluded:									
Excess baggage - Scheduled services No.	348,385	1,377,593	1,725,978	3,323	50,999	42,485	5,745	102,552	1,828,530
Non-scheduled services	1,156	-	1,156	12,090	572	43,893	17,809	74,364	75,520
Totals	349,541	1,377,593	1,727,134	15,413	51,571	86,378	23,554	176,916	1,904,050
Mail - Scheduled services	1,370,050	12,595,399	13,965,449	50,311	489,921	10,067	21,353	571,652	14,537,101
Non-scheduled services	49,219	-	49,219	107,974	2,443	126,755	90,508	327,680	376,899
Totals	1,419,269	12,595,399	14,014,668	158,285	492,364	136,822	111,861	899,332	14,914,000
Total - Scheduled services	8,427,307	43,796,646	52,223,953	92,982	1,959,298	240,375	51,617	2,344,272	54,568,225
Non-scheduled services	82,101	-	82,101	2,517,093	18,679	299,781	447,398	3,282,951	3,365,052
Totals	8,509,408	43,796,646	52,306,054	2,610,075	1,977,977	540,156	499,015	5,627,223	57,933,277
Available ton-miles on scheduled services	180,068,354	588,698,756	768,767,110	1,102,293	9,785,000	3,399,784	1,004,480	15,291,557	784,058,667
Weight load factor on scheduled services(3)	42.6	52.1	...	45.3	53.1	65.3	54.0	...	...
Bulk:									
Revenue - Departures	853	492	1,345	657	16,944	41	5,282	22,924	24,269
Hours flown	4,511	1,116	5,627	835	14,689	55	9,694	25,273	30,900
Miles flown	1,433,971	360,758	1,794,729	127,472	1,601,699	8,643	1,599,152	3,336,966	5,131,695
Passengers carried	29,186	18,550	47,736	5,461	25,827	315	12,986	44,589	92,325
Freight carried	112,959	24,120	137,079	1,922,722	9,530,608	10,872	10,569,224	22,033,426	22,170,505
Non-transportation services:									
Specialty flying:									
Revenue hours flown	-	116	116	-	-	-	-	-	116
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	22,745	141,863	164,608	9,376	30,564	13,218	15,037	68,195	232,803
Hours flown	45,523	186,702	232,225	9,730	29,502	10,485	21,291	71,008	303,233
Miles flown	14,579,340	51,086,047	65,665,387	1,554,921	3,732,719	1,856,923	3,193,835	10,338,398	76,003,785
Passengers carried	461,761	3,856,041	4,317,802	62,016	146,939	102,777	65,930	377,662	4,695,464
Cargo carried	6,574,057	56,417,662	62,991,719	11,946,929	14,847,638	2,164,799	12,716,607	41,675,973	104,667,692
Goods carried	8,650,710	85,579,875	94,230,585	13,553,458	16,863,055	3,940,107	13,605,128	47,961,748	142,192,333

See footnotes at end of table.

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

Preliminary Annual 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, hours and miles(4) - Concluded:									
Non-revenue:									
Hours flown	No. 1,614	3,813	5,427	316	1,230	313	603	2,462	7,889
Passengers carried	" 13,715	..	..	2,110	2,384	1,817	1,334	7,645	..
Goods carried	lb. 1,492,401	..	..	467,784	492,826	-	196,792	1,157,402	..
Passenger-miles	No. 27,512,948	143,944,200	171,457,148	415,428	894,350	555,775	769,314	2,634,867	174,092,015
Goods ton-miles	" 1,987,625	3,659,016	5,646,641	54,422	181,514	-	46,868	282,804	5,929,445
Fuel consumed:									
Turbo fuel - Quantity	gal. 36,290,325	132,615,135	168,905,460	140,591	-	1,517,974	-	1,658,565	170,564,025
Cost	\$ 6,138,196	18,013,821	24,152,017	26,932	-	337,881	-	364,813	24,516,830
Gasoline - Quantity	gal. 3,426,142	412,312	3,838,454	1,249,361	2,236,475	332,372	2,449,813	6,268,021	10,106,475
Cost	\$ 988,374	122,230	1,110,604	406,146	907,870	106,352	927,960	2,348,328	3,458,932
Oil consumed:									
Turbo aircraft - Quantity ..	gal. 6,210	38,178	44,388	-	-	6,759	-	6,759	51,147
Cost	\$ 55,406	375,738	431,144	-	-	6,996	-	6,996	438,140
Other aircraft - Quantity ..	gal. 39,784	5,969	45,753	14,050	25,767	5,711	34,957	80,485	126,238
Cost	\$ 38,260	5,382	43,642	14,573	31,403	4,675	34,957	85,608	129,250
Average number of employees:									
Flying personnel	No. 408	1,544	1,952	32	88	40	65	225	2,177
Other personnel	" 2,129	10,373	12,502	151	356	243	246	996	13,498
Totals	" 2,537	11,917	14,454	183	444	283	311	1,221	15,675
Salaries and wages paid:									
Flying personnel	\$ 4,076,419	13,514,933	17,591,352	269,038	846,577	289,539	480,999	1,886,153	19,477,505
Other personnel	\$ 11,038,843	57,721,439	68,760,282	654,731	1,940,594	1,109,953	1,148,063	4,853,341	73,613,623
Totals	\$ 15,115,262	71,236,372	86,351,634	923,769	2,787,171	1,399,492	1,629,062	6,739,494	93,091,128

(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
Preliminary Annual 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.	358,793	51,315	116,461	102,462	46,814	3,254,759	3,930,604
Domestic interline	"	35,007	5,240	-	-	-	582,732	656,149
Foreign interline	"	33,170	-	-	-	-	-	-
Totals(2)	"	426,970	56,555	116,461	102,462	46,814	3,837,491	4,586,753
Revenue express carried:								
Originated	lb.	876,457	-	299,863	2,153,927	150,652	9,547,355	13,028,254
Domestic interline	"	-	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-	-
Totals(2)	"	876,457	-	299,863	2,153,927	150,652	9,547,355	13,028,254
Revenue freight carried:								
Originated	lb.	4,357,248	8,198,386	4,722,413	-	666,083	46,846,287	64,790,417
Domestic interline	"	171,877	-	-	-	-	-	171,877
Foreign interline	"	586,195	-	-	-	-	-	586,195
Totals(2)	"	5,115,320	8,198,386	4,722,413	-	666,083	46,846,287	65,548,489
Revenue excess baggage carried:								
Originated	lb.	..	130,502	280,496	449,312	101,999	-	962,309
Domestic interline	"	..	-	-	-	-	-	-
Foreign interline	"	..	-	-	-	-	-	-
Totals(2)	"	..	130,502	280,496	449,312	101,999	-	962,309(3)
Revenue mail carried:								
Originated	lb.	2,076,653	1,476,027	1,674,675	1,325,996	239,389	29,162,213	35,954,953
Domestic interline	"	-	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-	-
Totals(2)	"	2,076,653	1,476,027	1,674,675	1,325,996	239,389	29,162,213	35,954,953

(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

Preliminary Annual 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.	24,670	5,296	4,106	1,003	35,075	137,943	173,018
Revenue hours flown "	35,977	20,857	12,044	6,518	75,396	162,683	238,079
Revenue miles scheduled "	7,581,676	9,309,919	4,468,948	2,765,085	24,125,628	38,412,309	62,537,937
Revenue miles flown:							
Scheduled services - Regular "	7,382,300	9,218,554	4,415,531	2,706,422	23,722,807	37,800,165	61,522,972
Extra sections "	500,907	201,100	217,422	21,340	940,769	1,198,633	2,139,402
Non-scheduled services "	-	-	-	-	-	1,802,967	1,802,967
Totals "	7,883,207	9,419,654	4,632,953	2,727,762	24,663,576	40,801,765	65,465,341
Ratio of regular miles flown to miles scheduled	97.4	99.0	98.8	97.9	98.3	98.4	98.4
Revenue passengers carried No.	...	...	...	...	1,385,921	2,937,089	4,323,010
Revenue cargo carried lb.	...	...	...	...	26,125,963	38,876,060	65,002,023
Revenue mail carried ..... "	...	...	...	...	4,119,924	27,889,672	32,009,596
Revenue passenger-miles No.	351,084,330	595,182,204	283,117,399	140,328,139	1,369,712,072	1,977,676,499	3,347,388,571
Available seat-miles on scheduled services "	537,460,413	1,207,057,928	545,904,371	324,296,224	2,614,718,936	3,160,367,498	5,775,086,434
Passenger load factor on scheduled services ...	65.3	49.3	51.9	43.3	52.4	62.6	58.0
Revenue goods ton-miles:							
Express No.	611,257	-	-	-	611,257	3,187,108	3,798,365
Freight "	2,759,695	7,151,040	1,959,073	2,654,768	14,524,576	18,604,911	33,129,487
Excess baggage "	164,797	259,871	241,039	74,404	740,111	1,010,577	1,750,688
Mail "	431,092	2,091,722	416,626	545,237	3,484,677	10,641,852	14,126,529
Totals "	3,966,841	9,502,633	2,616,738	3,274,409	19,360,621	33,444,448	52,805,069
Available ton-miles on scheduled services "	67,052,811	165,515,695	73,325,889	42,374,608	348,269,003	421,502,587	769,771,590
Weight load factor on scheduled services(1) ...	58.3	41.7	42.2	40.8	44.9	54.0	49.9

(1) Standard passenger weight used: 200 pounds.

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

Preliminary Annual 1962

	1962		1961	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	34,371	576,096	31,922	506,881
Recreational flying	10,909	226,408	9,589	191,731
Aerial photography and survey	6,200	1,067,044	5,700	1,359,541
Aerial photography (excluding survey)	663	25,553	922	51,544
Aerial pest control	4,265	590,103	4,733	857,413
Aerial advertising	116	15,334	104	6,178
Aerial patrol and inspection	14,098	1,206,452	14,525	1,281,257
Philanthropic	-	-	-	-
Aerial fish cultivation	48	4,809	41	3,493
Geophysical survey	9,878	991,814	5,498	680,909
Non-transportation charter	781	116,681	422	87,161
Other specialty flying	2,053	327,814	2,352	125,583
Total specialty flying	83,382	5,148,108	75,808	5,151,691

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

Preliminary Annual 1962

	1962	1961
Revenue hours flown	No. 49,087	48,673
Average number of aircraft	" 117	109
Average number of employees:		
Flying personnel	" 197	194
Other personnel	" 127	175
Totals	" 324	369
Salaries and wages paid:		
Flying personnel	\$ 1,536,296	1,561,741
Other personnel	\$ 872,880	1,174,240
Totals	\$ 2,409,176	2,735,981
Operating revenues:		
Bulk transportation	\$ 5,540,499	5,984,605
Other flying services	\$ 616,445	255,286
Non-flying services	\$ 556,101	252,421
Totals	\$ 6,713,045	6,492,312
Operating expenses:		
Flying operations	\$ 2,508,257	2,500,362
Maintenance	\$ 2,021,359	1,619,631
General services and administration ..	\$ 674,227	795,603
Depreciation and amortization	\$ 1,139,695	1,094,744
Totals	\$ 6,343,538	6,010,340
Operating income (loss)	\$ 369,507	481,972
Net income (deficit) after income taxes ..	\$ 283,401	280,586

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

Preliminary Annual 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	837,171	826,962	1,664,133	159,699	182,715	342,414
Bulk transportation "	3,811	3,904	7,715	22,863	21,804	44,667
Totals "	840,982	830,866	1,671,848	182,562	204,519	387,081
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	4,903,077	23,499,397	28,402,474	4,270,348	10,903,948	15,174,296
Bulk transportation "	50	18,200	18,250	47,601	33,880	81,481
Totals "	4,903,127	23,517,597	28,420,724	4,317,949	10,937,828	15,255,777
Mail carried (unit toll transportation) "	1,596,778	2,614,421	4,211,199	1,219,197	1,500,549	2,719,746
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	65,566	68,393	133,959	1,062,436	1,078,070	2,140,506
Bulk transportation "	563	660	1,223	27,237	26,368	53,605
Totals "	66,129	69,053	135,182	1,089,673	1,104,438	2,194,111
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	1,316,490	826,675	2,143,165	10,489,915	35,230,020	45,719,935
Bulk transportation "	85,510	17,470	102,980	133,161	69,550	202,711
Totals "	1,402,000	844,145	2,246,145	10,623,076	35,299,570	45,922,646
Mail carried (unit toll transportation) "	111,283	129,717	241,000	2,927,258	4,244,687	7,171,945
	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.	673,663	689,268	1,362,931	388,773	388,802	777,575
Bulk transportation "	18,228	17,677	35,905	9,009	8,691	17,700
Totals "	691,891	706,945	1,398,836	397,782	397,493	795,275
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	6,064,154	19,396,891	25,461,045	4,425,761	15,833,129	20,258,890
Bulk transportation "	85,560	35,670	121,230	47,601	33,880	81,481
Totals "	6,149,714	19,432,561	25,582,275	4,473,362	15,867,009	20,340,371
Mail carried (unit toll transportation) "	2,038,521	1,931,815	3,970,336	888,737	2,312,872	3,201,609

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

TABLE 10. Operating Statistics, Canadian Group V Carriers

Preliminary Annual 1962

	Year 1962	Year 1961
	quantity	
Number of reporting carriers	222	188
Bulk transportation:		
Revenue hours flown No.	74,433	70,123
Revenue passengers carried "	154,323	151,498
Revenue goods carried lb.	10,127,198	10,397,821
Specialty flying services:		
Revenue hours flown:		
Flying training No.	61,534	65,383
Recreational flying "	13,866	13,104
Aerial photography and survey "	613	2,412
Aerial photography (excluding survey) "	536	455
Aerial pest control "	5,695	3,524
Aerial advertising "	190	73
Aerial patrol and inspection "	4,290	8,688
Philanthropic "	-	-
Aerial fish cultivation "	-	-
Geophysical survey "	351	1,010
Non-transportation charter "	36	778
Other specialty flying "	13,604	13,408
Total specialty flying services ... "	100,715	108,835
Total - All services:		
Revenue hours flown "	175,148	178,958
Non-revenue hours flown "	11,612	10,818

TABLE 11. Statement of Income, Canadian Group V Carriers

Preliminary Annual 1962

	Year 1962	Year 1961
	dollars	
Operating revenues:		
Bulk transportation	3,661,992	3,282,841
Other flying services	2,333,648	2,334,070
Total flying services	5,995,640	5,616,911
Non-flying services	1,242,563	3,154,066
Total operating revenues	7,238,203	8,770,977
Operating expenses:		
Flying operations	3,543,831	3,463,877
Maintenance	1,252,670	1,157,390
General services and administration	1,493,352	3,109,819
Depreciation	1,117,496	1,087,969
Total operating expenses	7,407,349	8,819,055
Operating income (loss)	Dr. 169,146	Dr. 48,078
Non-operating income - Net	Dr. 131,102	Dr. 211,626
Income before income taxes	Dr. 300,248	Dr. 259,704
Provision for income taxes	81,795	50,995
Net income after income taxes	Dr. 382,043	Dr. 310,699

TABLE 12. Aircraft owned and leased, Canadian Carriers, by Category of Aircraft and Weight Group,
as at January 15th, 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 1) service plus one major transport carrier: Nordair 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.

