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SYMBOLS

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

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

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 air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups was revised as of 1st January 1964. In January 1965, 3 former Group IV carriers were promoted to Group III, 1 Group III carrier was transferred to Group IV and 7 Group V carriers were transferred to Group IV. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

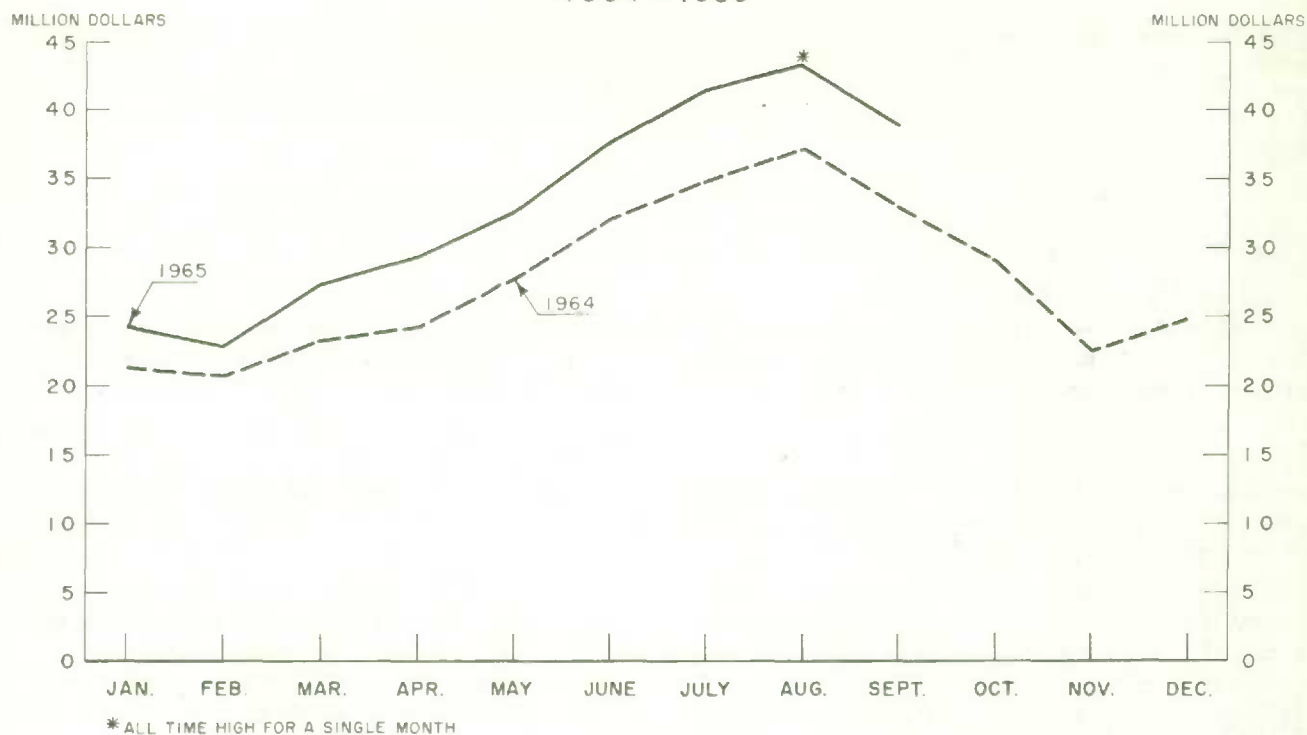
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services. It should be noted that there are only two Canadian carriers which operate international services on a unit toll basis; however there are other Canadian carriers, in addition to these two carriers, which operate international flights on a bulk or charter basis.

Table 7 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 contains the operations of both Canadian and Foreign carriers with separate totals for each.

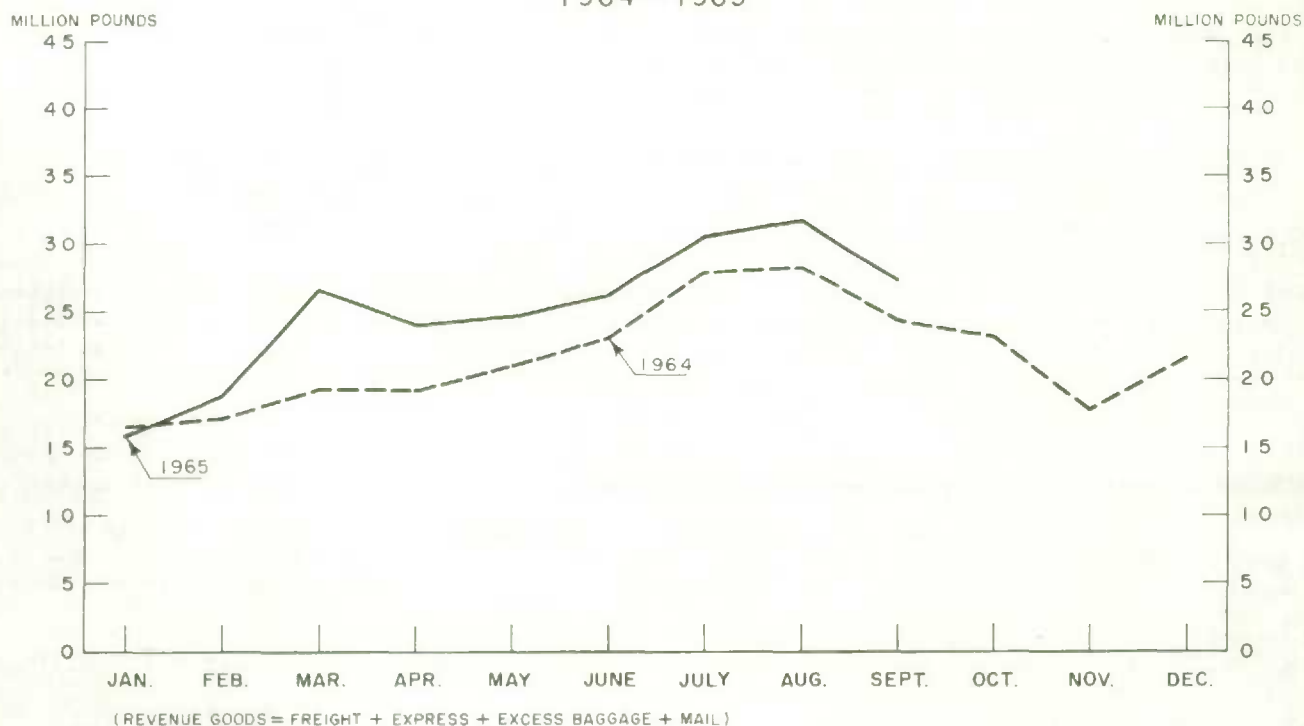
OPERATING REVENUE OF CANADIAN AIR CARRIERS

1964 - 1965



REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS

1964 - 1965



REVIEW OF SEPTEMBER OPERATIONS

(September 1964 figures in brackets)

Increases were reported in the transportation of both revenue passengers and revenue goods by Canadian air carriers during the month of September compared with September 1964. The number of passengers carried totalled 634,937 (564,050) an increase of 12.6 per cent. The weight of goods transported rose to 13,578 (12,161) tons, an increase of 11.7 per cent. Revenue miles flown increased 11.0 per cent to 10,921,039 (9,836,088).

Unit toll and bulk transportation services performed by Canadian carriers accounted for a total of 530,313,979 (454,215,953) passenger-miles and 10,776,076 (9,656,279) goods ton-miles. Unit toll services made up 88.9 per cent of the total passenger-miles and 89.8 per cent of the total goods ton-miles.

September operating revenues showed an 18.3 per cent increase over September 1964 to \$38,899,080 (\$32,887,024) while operating expenses rose 20.5 per cent to \$32,894,706 (\$27,302,797) resulting in an operating income of \$6,004,374 (\$5,584,227) and an income after taxes of \$5,243,494 (\$4,665,441).

Sixteen (13) carriers who operated helicopters exclusively reported a total of 10,699 (8,068) hours flown by 200 (119) machines. Eight (7) carriers operating both fixed wing craft and helicopters reported a total of 1,243 (539) helicopter-hours flown by 34 (13) machines. Operating revenues by helicopter-only carriers for the month of September amounted to \$1,418,144 (\$929,597) while operating expenses amounted to \$1,375,029 (\$653,397).

During September the six scheduled carriers transported 573,814 (506,503) revenue passengers and 9,206 (7,765) tons of revenue goods which amounted to 90.4 per cent of the total number of passengers and 67.8 per cent of the total weight of goods carried by all Canadian carriers. Operating revenues of scheduled carriers amounted to \$34,746,537 (\$29,506,040) or 89.3 per cent of all Canadian carrier revenues. Operating expenses of scheduled carriers amounted to \$29,440,482 (\$24,610,327) or 89.5 per cent of all Canadian air carrier expenses.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in September amounted to 208,960,139 (163,518,701) or 44.3 per cent of the total unit toll passenger-miles performed by Canadian carriers. International services performed by Canadian carriers calculated according to passenger-miles travelled were divided by area as follows:

<u>Area</u>	<u>Percentage</u>
Trans-Border	20.1
Trans-Atlantic and Polar	56.3
Southern	11.8
Pacific and Orient	11.8
Total	100.0

Foreign Carriers

Foreign carriers licensed to operate in Canada transported 130,589 (97,922) revenue passengers during September, an increase of 33.4 per cent over September 1964. Weight of revenue goods carried totalled 1,626 (1,208) tons, an increase of 34.6 per cent over the same period in 1964. Foreign carriers report hours and miles flown over Canadian territory only. Statistics concerning passengers and goods in transit have been excluded.

Cumulative Figures for the Year to Date (Canadian carriers)

Compared with the same period in 1964 the first nine months of 1965 showed an increase of 13.2 per cent to 4,962,692 (4,383,877) in the number of revenue passengers carried while the weight of revenue goods carried rose 13.1 per cent to 111,415 (98,504) tons. Passenger-miles performed by Canadian carriers totalled 4,005,342,461 (3,402,156,477) while goods ton-miles totalled 89,950,097 (77,322,612) for the first nine months of the year. Operating revenues increased 17.4 per cent to \$299,306,170 (\$255,037,472) while operating expenses increased 16.1 per cent to \$270,133,626 (\$232,736,623).

Note: Group III - It should be noted that a report had not been received from Nordair in time for inclusion in this issue. September figures for Nordair will be shown in the year to date figures for October.

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

September 1965

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
	Group I and II(1)	Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	16(10)	53	69	75	10	9	94	..
Revenue transportation services:									
Unit toll:									
Departures	No.	19,681	3,180	1,164	4,344	24,025	..	..	..
Hours flown	"	26,530	2,853	611	3,464	29,994	348	1,397	263,789
Miles scheduled	"	6,954,816	...	...	...	6,954,816	88,032	547,204	62,227,931
Miles flown: ⁽⁴⁾									
Scheduled	"	7,148,233	...	...	...	7,148,233	87,308	582,990	63,427,266
Non-scheduled	"	178,462	333,435	68,842	402,277	580,739	-	-	6,007,377
Totals	"	7,326,695	333,435	68,842	402,277	7,728,972	87,308	582,990	69,434,643
Passengers carried	"	551,121	12,121	3,643	15,764	566,885	84,055	40,081	5,406,930
Goods carried:									
Cargo	lb.	11,995,144	617,923	141,860	759,783	12,754,927	1,019,055(8)	2,233,612(8)	127,410,557(8)
Excess baggage	"	172,205(5)	52,014	35,240	87,254	259,459			
Mail	"	3,799,283	71,138	20,508	91,646	3,890,929	163,080	143,276	39,008,955
Totals	"	15,966,632	741,075	197,608	938,683	16,905,315	1,182,135	2,376,888	166,419,512
Passenger-miles	No.	469,907,921	1,141,205	322,900	1,464,105	471,372,026	3,513,064	34,240,399	3,894,543,135
Goods ton-miles:									
Cargo	"	7,567,959	37,803	33,249	71,052	7,639,011	25,097	812,173	67,353,301
Excess baggage	"	308,833	3,012	403	3,415	312,248			
Mail	"	1,715,261	13,604	1,117	14,721	1,729,982	3,489	59,062	15,867,166
Totals	"	9,592,053	54,419	34,769	89,188	9,681,241	28,586	871,235	83,220,467
Bulk:									
Departures	"	4,317	7,159	17,297	24,456	28,773	..	..	..
Hours flown	"	5,571	11,402	17,493	28,895	34,466	1	182	259,619
Miles flown	"	1,054,112	763,995	1,373,960	2,137,955	3,192,067	395	65,070	25,267,496
Passengers carried	"	22,693	18,713	26,646	45,359	68,052	458	5,995	550,050
Freight carried	lb.	2,445,470	3,907,403	3,896,964	7,804,367	10,249,837	-	-	90,445,782
Passenger-miles(6)	No.	52,870,729	5,907,524	163,700	6,071,224	58,941,953	..	..	..
Goods ton-miles(6)	"	753,384	336,720	4,731	341,451	1,094,835	-	-	..
Revenue non-transportation services:									
Specialty flying - Hours flown	"	257	3,061	6,701	9,762	10,019	-	-	99,756

See footnotes at end of table.

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

September 1965

	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:									
Revenue:									
Traffic, miles and hours:(7)									
Departures	No.	23,998	10,339	18,461	28,800	52,798	..	..	..
Hours flown	"	32,358	17,316	24,805	42,121	74,479	349	1,579	76,407
Miles flown	"	8,380,807	1,097,430	1,442,802	2,540,232	10,921,039	87,703	648,060	11,656,802
Passengers carried	"	573,814	30,834	30,289	61,123	634,937	84,513	46,076	765,526
Cargo carried	lb.	14,440,614	4,525,326	4,038,824	8,564,150	23,264,223(8)	1,019,055(8)	2,233,612(8)	26,516,890(8)
Goods carried	"	18,412,102	4,648,478	4,094,572	8,743,050	27,155,152	1,182,135	2,376,888	30,714,175
Passenger-miles(6)	No.	522,778,650	7,048,729	486,600	7,535,329	530,313,979	..	..	..
Goods ton-miles(6)	"	10,345,437	391,139	39,500	430,639	10,776,076	..	..	..
Non-revenue:									
Hours flown	"	784	607	965	1,572	2,356	2	3	2,361
Passengers carried	"	3,197	1	51	52	3,249	1,337	659	5,245
Goods carried	lb.	225,114	3,339	5,250	8,589	233,703	25,237	82,475	341,415
Passenger-miles	No.	19,619,061	1,582	41	1,623	19,620,684	54,019	511,315	20,186,018
Goods ton-miles	"	616,726	321	-	321	617,047	320	25,029	642,396
Fuel and oil consumed:									
Turbo fuel - Quantity	gal.	20,796,471	-	15,759	15,759	20,812,230✓	282,010	4,420,548	25,514,788
Cost	\$	2,852,206	-	5,482	5,482	2,857,688	47,104	709,921	3,614,713
Gasoline - Quantity	gal.	1,273,200	518,061	392,695	910,756	2,183,956✓	7,950	9,239	2,201,145
Cost	\$	416,371	215,069	183,629	398,698	815,069	2,979	2,956	821,004
Turbo oil - Quantity	gal.	4,056	-	2	2	4,058✓	34	103	4,195
Cost	\$	36,001	-	30	30	36,031	190	1,007	37,228
Other oil - Quantity	gal.	14,376	6,586	8,163	14,749	29,125✓	12	-	29,137
Cost	\$	16,340	11,627	11,714	23,341	39,681	5	-	39,686
Average number of employees:									
Pilots and co-pilots	No.	1,121	333	362	695	1,816	..	..	..
Other flight personnel	"	1,236	22	66	88	1,324	..	..	..
General management	"	314	100	97	197	511	..	..	..
Maintenance labour	"	3,829	295	260	555	4,384	..	..	..
Aircraft & traffic servicing	"	5,508	96	43	139	5,647	..	..	..
Other personnel	"	4,805	149	243	392	5,197	..	..	..
Totals	"	16,813	995	1,071	2,066	18,879	289	685	19,853
Salaries and wages paid:									
Pilots and co-pilots	\$	1,388,328	274,918	268,955	543,873	1,932,201	..	..	..
Other flight personnel	\$	612,207	10,613	28,285	38,898	651,105	..	..	..
General management	\$	290,509	63,067	59,469	122,536	413,045	..	..	..
Maintenance labour	\$	2,118,607	144,513	121,543	266,056	2,384,663	..	..	..
Aircraft & traffic servicing	\$	2,770,405	32,260	13,746	46,006	2,816,411	..	..	..
Other personnel	\$	2,498,692	50,855	85,162	136,017	2,634,709	..	..	..
Totals	\$	9,678,748	576,226	577,160	1,153,386	10,832,134	156,087	346,952	11,335,173
99,192,486									

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

(2) See "Foreign Carriers", page 7, 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 Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

(10) Excludes Nordair.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group
September 1965

	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	26,818,054	1,198,583	28,016,637	244,526	50,085	294,611	28,311,248	216,595,490
Express	543,698	27,976	571,674	6,558	1,567	8,125	579,799	4,083,713
Freight	1,747,302	216,478	1,963,780	46,677	9,509	56,186	2,019,966	15,647,046
Excess baggage	177,197	22,843	200,040	4,854	843	5,697	205,737	1,509,380
Mail	1,302,345	114,669	1,417,014	22,968	4,209	27,177	1,444,191	13,382,650
Total unit toll transportation ..	30,588,596	1,580,549	32,169,145	325,583	66,213	391,796	32,560,941	251,218,279
Bulk transportation	1,596,205	794,584	2,390,789	1,388,748	1,518,162	2,906,910	5,297,699	38,626,243
Total transportation	32,184,801	2,375,133	34,559,934	1,714,331	1,584,375	3,298,706	37,858,640	289,844,522
Other flying services	3,476	55,742	59,218	355,933	275,525	631,458	690,676	6,081,375
Total flying services	32,188,277	2,430,875	34,619,152	2,070,264	1,859,900	3,930,164	38,549,316	295,925,897
Non-flying services	107,695	19,690	127,385	103,369	119,010	222,379	349,764	3,380,273
Total operating revenues	32,295,972	2,450,565	34,746,537	2,173,633	1,978,910	4,152,543	38,899,080	299,306,170
Operating expenses:								
Flying operations	6,580,701	770,832	7,351,533	841,741	752,370	1,594,111	8,945,644	73,029,397
Maintenance	5,652,525	678,781	6,331,306	491,332	359,703	851,035	7,182,341	59,764,643
General services and administration:								
Passenger service	2,488,585	89,677	2,578,262	..	..	..	..	..
Aircraft and traffic servicing	3,862,561	302,855	4,165,416	..	..	..	..	..
Promotion and sales	4,733,738	143,409	4,877,147	..	..	..	..	..
General administration	1,079,853	149,937	1,229,790	..	..	..	..	..
Totals	12,164,737	685,878	12,850,615	291,722	255,852	547,574	13,398,189	108,805,614
Depreciation and amortization	2,799,702	107,326	2,907,028	336,898	124,606	461,504	3,368,532	28,533,972
Total operating expenses	27,197,665	2,242,817	29,440,482	1,961,693	1,492,531	3,454,224	32,894,706	270,133,626
Operating income (loss)	5,098,307	207,748	5,306,055	211,940	486,379	698,319	6,004,374	29,172,544
Non-operating income - Net:								
Capital gains and losses	-	39,574	39,574	9,909	18,271	28,180	67,754	627,026
Interest and discounts	336,764	117	336,881	Dr. 4,034	743	Dr. 3,291	333,590	2,205,559
Miscellaneous non-operating income ..	Dr. 13,132	6,406	Dr. 6,726	Dr. 3,660	9,509	Dr. 5,849	Dr. 877	Dr. 292,042
Income before interest expense	5,421,939	253,845	5,675,784	214,155	514,902	729,057	6,404,841	31,713,087
Interest expense	927,855	56,244	984,099	20,174	30,185	50,359	1,034,458	9,599,521
Income before income taxes	4,494,084	197,601	4,691,685	193,981	484,717	678,698	5,370,383	22,113,566
Provision for income taxes	-	67,747	67,747	16,505	42,637	59,142	126,889	997,937
Net income after income taxes	4,494,084	129,854	4,623,938	177,476	442,080	619,556	5,243,494	21,115,629

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

(2) Data in Tables 3, 8 and 10 included in this table.

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

September 1965

	Air Canada	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Total	Year to date
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	21,210,994	5,607,060	193,222	531,923	282,985	190,453	28,016,637	213,910,437
Express	513,593	30,105	4,805	19,583	-	3,588	571,674	3,998,788
Freight	1,350,359	396,943	57,809	98,847	37,822	22,000	1,963,780	14,759,084
Excess baggage	110,074	67,123	2,518	11,616	7,462	1,247	200,040	1,454,729
Mail	1,005,746	296,599	26,281	53,655	7,444	27,289	1,417,014	12,862,399
Total unit toll transportation ..	24,190,766	6,397,830	284,635	715,624	335,713	244,577	32,169,145	246,985,437
Bulk transportation	925,430	670,775	115,899	453,201	6,893	218,591	2,390,789	15,524,958
Total transportation	25,116,196	7,068,605	400,534	1,168,825	342,606	463,168	34,559,934	262,510,395
Other flying services	3,476	-	55,742	-	-	-	59,218	492,516
Total flying services	25,119,672	7,068,605	456,276	1,168,825	342,606	463,168	34,619,152	263,002,911
Non-flying services	14,572	93,123	8,708	1,712	7,667	5,027	127,385	1,788,953
Total operating revenues	25,134,244	7,161,728	464,984	1,167,113	350,273	468,195	34,746,537	264,791,864
Operating expenses:								
Flying operations	4,682,356	1,898,345	124,302	413,658	79,864	153,008	7,351,533	60,373,082
Maintenance	4,695,009	957,516	135,594	295,498	106,616	141,073	6,331,306	51,004,042
General services and administrations:								
Passenger service	1,947,889	540,696	19,395	45,084	10,439	14,759	2,578,262	20,176,446
Aircraft and traffic servicing	3,244,121	618,440	95,873	158,229	27,568	21,185	4,165,416	34,290,021
Promotion and sales	3,469,595	1,264,143	9,336	38,318	57,814	37,941	4,877,147	38,775,485
General administration	873,030	206,823	30,235	60,197	37,823	21,632	1,229,790	10,212,248
Totals	9,534,635	2,630,102	154,839	301,828	133,694	95,517	12,850,615	103,454,200
Depreciation and amortization	2,617,247	182,455	46,477	31,364	23,459	6,026	2,907,028	25,873,661
Total operating expenses	21,529,247	5,668,418	461,212	1,042,348	343,633	395,624	29,440,482	240,704,985
Operating income (loss)	3,604,997	1,493,310	3,772	124,765	6,640	72,571	5,306,055	24,086,879
Non-operating income - Net:								
Capital gains and losses	-	-	-	-	Dr. 532	40,106	39,574	298,131
Interest and discounts	270,483	66,281	9	-	-	108	336,881	2,166,043
Miscellaneous non-operating income ..	Dr. 11,714	Dr. 1,418	Dr. 12,332	19,203	Dr. 211	Dr. 254	Dr. 6,726	Dr. 334,329
Income before interest expense	3,863,766	1,558,173	Dr. 8,551	143,968	5,897	112,531	5,675,784	26,216,724
Interest expense	927,855	-	27,146	8,473	16,246	4,379	984,099	8,929,463
Income before income taxes	2,935,911	1,558,173	Dr. 35,697	135,495	Dr. 10,349	108,152	4,691,685	17,287,261
Provision for income taxes	-	-	-	67,747	-	-	67,747	377,943
Net income after income taxes	2,935,911	1,558,173	Dr. 35,697	67,748	Dr. 10,349	108,152	4,623,938	16,909,318

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company
September 1965

	Group I carriers			Group II carriers					Grand total
	Air Canada	Canadian Pacific Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Revenue transportation services:									
Unit toll:									
Departures No.	13,006	1,903	14,909	968	1,650	1,088	1,066	4,772	19,681
Hours flown "	18,115	3,580	21,695	943	1,850	905	1,137	4,835	26,530
Miles scheduled "	5,102,810	1,281,372	6,384,182	156,548	216,345	106,688	91,053	570,634	6,954,816
Miles flown:									
Scheduled - Regular "	5,049,727	1,265,465	6,315,192	136,362	209,682	95,624	90,961	532,629	6,847,821
Extra section "	256,544	1,989	258,533	11,297	19,367	3,226	7,989	41,879	300,412
Non-scheduled "	-	-	-	1,849	58,215	55,458	62,940	178,462	178,462
Totals "	5,306,271	1,267,454	6,573,725	149,508	287,264	154,308	161,890	752,970	7,326,695
Ratio of regular miles flown to miles scheduled	99.0	98.8	98.9	87.1	96.9	89.6	99.9	93.3	98.5
Passengers carried No.	448,736	55,745	504,481	7,813	22,848	9,739	6,240	46,640	551,121
Goods carried:									
Freight lb.	7,871,557	1,078,462	8,950,019	469,948	756,832	183,871	119,278	1,529,929	10,479,948
Express "	1,289,098	133,876	1,422,974	22,656	53,929	-	15,637	92,222	1,515,196
Excess baggage "	-	73,745	73,745 (2)	13,077	42,019	34,553	8,811	98,460	172,205 (2)
Mail "	3,119,262	242,225	3,361,487	144,641	165,377	38,470	89,308	437,796	3,799,283
Totals "	12,279,917	1,528,308	13,808,225	650,322	1,018,157	256,894	233,034	2,158,407	15,966,632
Passenger-miles:									
Scheduled No.	359,475,930	96,997,925	456,473,855	2,158,188	5,659,731	1,896,207	1,796,777	11,510,903	467,984,758
Non-scheduled "	-	-	-	21,050	395,910	1,230,238	275,965	1,923,163	1,923,163
Totals "	359,475,930	96,997,925	456,473,855	2,179,238	6,055,641	3,126,445	2,072,742	13,434,066	469,907,921
Available seat-miles on scheduled services "	510,434,309	153,292,430	663,726,739	4,425,417	10,032,620	3,405,216	4,786,219	22,649,472	686,376,211
Passenger load factor on scheduled services	70.4	63.3	68.8	48.8	56.4	55.7	37.5	50.8	68.2
Goods ton-miles:									
Freight - Scheduled No.	5,272,156	1,293,831	6,565,987	128,464	202,139	23,454	12,060	366,117	6,932,104
Non-scheduled "	-	-	-	39	9,262	13,648	7,889	30,838	30,838
Totals "	5,272,156	1,293,831	6,565,987	128,503	211,401	37,102	19,949	396,955	6,962,942
Express - Scheduled "	546,426	37,041	583,467	3,469	14,931	-	2,911	21,311	604,778
Non-scheduled "	-	-	-	18	-	-	221	239	239
Totals "	546,426	37,041	583,467	3,487	14,931	-	3,132	21,550	605,017

See footnotes at end of table.

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

September 1965

	Group I carriers			Group II carriers					Grand total
	Air Canada	Canadian Pacific Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled	No.								
Non-scheduled	"								
Totals	"								
Mail - Scheduled	"								
Non-scheduled	"								
Totals	"								
Total - Scheduled	"								
Non-scheduled	"								
Totals	"								
Available ton-miles on scheduled services	"								
Weight load factor on scheduled services(3)									
Bulk:									
Departures	No.								
Hours flown	"								
Miles flown	"								
Passengers carried	"								
Freight carried	lb.								
Passenger-miles(4)	No.								
Goods ton-miles(4)	"								
Revenue non-transportation services:									
Specialty flying - Hours flown	"								
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures	"								
Hours flown	"								
Miles flown	"								
Passengers carried	"								
Cargo carried	lb.								
Goods carried	"								
Passenger-miles(4)	No.								
Goods ton-miles(4)	"								

See footnotes at end of table.

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

September 1965

	Group I carriers			Group II carriers					Grand total
	Air Canada	Canadian Pacific Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc.(1)	Transair Ltd.(1)	Total(1)	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:									
Hours flown	No. 199	68	267	130	275	18	94	517	784
Passengers carried	" ..	2,462	2,462(2)	206	336	125	68	735	3,197
Goods carried	lb. ..	147,348	147,348(2)	29,033	36,047	-	12,686	77,766	225,114
Passenger-miles	No. 13,744,348	5,543,841	19,288,189	137,492	120,628	32,405	40,347	330,872	19,619,061
Goods ton-miles	" 409,280	186,576	595,856	5,593	12,439	-	2,838	20,870	616,726
Fuel and oil consumed:									
Turbo fuel - Quantity	gal. 16,103,872	4,364,428	20,468,300	116,710	-	125,371	86,090	328,171	20,796,471
Cost	\$ 2,071,573	711,224	2,782,797	24,509	-	26,328	18,572	69,409	2,852,206
Gasoline - Quantity	gal. -	444,259	444,259	103,494	522,674	20,642	182,131	828,941	1,273,200
Cost	\$ -	120,727	120,727	33,021	190,232	6,812	65,579	295,644	416,371
Turbo oil - Quantity	gal. 2,781	583	3,364	53	-	632	7	692	4,056
Cost	\$ 28,189	4,734	32,923	795	-	2,213	70	3,078	36,001
Other oil - Quantity	gal. -	4,167	4,167	1,593	6,367	360	1,889	10,209	14,376
Cost	\$ -	3,840	3,840	1,991	7,959	288	2,262	12,500	16,340
Average number of employees:									
Pilots and co-pilots	No. 663	224	887	60	90	29	55	234	1,121
Other flight personnel	" 839	286	1,125	19	50	17	25	111	1,236
General management	" 67	109	176	8	58	50	22	138	314
Maintenance labour	" 2,701	541	3,242	210	203	73	101	587	3,829
Aircraft and traffic servicing	" 4,177	929	5,106	122	105	118	57	402	5,508
Other personnel	" 3,956	718	4,674	42	23	9	57	131	4,805
Total employees	" 12,403	2,807	15,210	461	529	296	317	1,603	16,813
Salaries and wages:									
Pilots and co-pilots	\$ 888,024	287,475	1,175,499	46,134	97,077	24,955	44,663	212,829	1,388,328
Other flight personnel	\$ 408,077	160,081	568,158	5,323	27,218	5,623	5,885	44,049	612,207
General management	\$ 122,410	99,293	221,703	816	30,856	21,951	15,183	68,806	290,509
Maintenance labour	\$ 1,569,012	259,827	1,828,839	89,656	112,607	39,503	48,002	289,768	2,118,607
Aircraft and traffic servicing	\$ 2,170,816	414,818	2,585,634	43,101	70,620	44,711	26,339	184,771	2,770,405
Other personnel	\$ 2,159,989	300,226	2,460,215	14,975	5,012	5,921	12,569	38,477	2,498,692
Total salaries and wages	\$ 7,318,328	1,521,720	8,840,048	200,005	343,390	142,664	152,641	838,700	9,678,748

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

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 3. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

September 1965

	Air Canada	Canadian Pacific Air Lines	Eastern Provincial Airways (1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Total
Passengers carried:							
Originated	361,531	45,431	5,066	20,902	9,739	5,254	447,923
Domestic interline	87,205	4,586	1,728	-	-	-	99,086
Foreign interline	-	5,567	-	-	-	-	-
Totals(2)	448,736	55,584	6,794	20,902	9,739	5,254	547,009
Express carried:							
Originated	1,289,098	133,876	22,437	53,929	-	15,637	1,514,977
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	1,289,098	133,876	22,437	53,929	-	15,637	1,514,977
Freight carried:							
Originated	7,871,557	930,250	469,542	681,236	183,871	53,835	10,190,291
Domestic interline	-	14,787	-	-	-	-	14,787
Foreign interline	-	44,781	-	-	-	-	44,781
Totals(2)	7,871,557	989,818	469,542	681,236	183,871	53,835	10,249,859
Excess baggage carried:							
Originated	-	73,745	12,822	37,237	34,553	5,185	163,542(3)
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	-	73,745	12,822	37,237	34,553	5,185	163,542(3)
Mail carried:							
Originated	3,119,262	242,225	144,387	158,854	38,470	28,200	3,731,398
Domestic interline	-	-	-	-	-	-	-
Foreign interline	-	-	-	-	-	-	-
Totals(2)	3,119,262	242,225	144,387	158,854	38,470	28,200	3,731,398

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

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

September 1965

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Unit toll:							
Departures	No. 2,180	635	375	103	3,293	11,616	14,909
Hours flown	" 3,228	2,679	1,060	643	7,610	14,085	21,695
Miles scheduled	" 712,375	1,273,433	393,842	300,290	2,679,940	3,704,242	6,384,182
Miles flown:							
Scheduled - Regular	" 698,417	1,267,815	393,694	300,231	2,660,157	3,655,035	6,315,192
Extra sections	" 22,601	15,833	4,536	-	42,970	215,563	258,533
Non-scheduled	" -	-	-	-	-	-	-
Totals	" 721,018	1,283,648	398,230	300,231	2,703,127	3,870,598	6,573,725
Ratio of regular miles flown to miles scheduled	98.0	99.6	99.9	100.0	99.3	98.7	98.9
Passengers carried	No. ...	...	...	...	165,236	339,245	504,481
Cargo carried	lb. ...	...	...	...	3,819,698	6,627,040	10,446,738
Mail carried .....	" ...	...	...	...	422,128	2,939,359	3,361,487
Passenger-miles	No. 41,935,087	117,673,431	24,640,269	24,711,352	208,960,139	247,513,716	456,473,855
Available seat-miles on scheduled services	" 58,442,347	168,782,520	48,508,067	36,875,724	312,608,658	351,118,081	663,726,739
Passenger load factor on scheduled services	71.8	69.7	50.8	67.0	66.8	70.5	68.8
Goods ton-miles:							
Express	No. 65,902	-	-	-	65,902	517,565	583,467
Freight	" 394,453	1,686,992	435,393	476,794	2,993,632	3,572,355	6,565,987
Excess baggage	" 15,259	87,799	45,444	28,290	176,792	112,949	289,741
Mail	" 41,144	260,668	61,837	115,203	478,852	1,142,788	1,621,640
Totals	" 516,758	2,035,459	542,674	620,287	3,715,178	5,345,657	9,060,835
Available ton-miles on scheduled service	" 7,996,070	24,295,630	6,081,337	5,061,800	43,434,837	52,331,880	95,766,717
Weight load factor on scheduled services(1)	58.9	56.8	49.4	61.1	56.7	57.5	57.1
Bulk:							
Departures	No. 122	306	-	2	430	...	...
Hours flown	" 208	1,704	-	10	1,922	...	...
Miles flown	" 46,253	598,504	-	4,934	649,691	...	...
Passengers carried	" 1,152	14,488	-	129	15,769	...	...
Goods carried	lb. -	-	-	-	-	...	...
Passenger-miles(2)	No. 1,255,028	53,560,609	-	567,987	55,383,624	...	...
Goods ton-miles(2) .....	" -	-	-	-	-	...	...
Total:							
Departures	" 2,302	941	375	105	3,723	...	...
Hours flown	" 3,436	4,383	1,060	653	9,532	...	...
Miles flown	" 767,271	1,882,152	398,230	305,165	3,352,818	...	...
Passengers carried .....	" ...	...	...	...	181,005	...	...
Goods carried	lb. ...	...	...	...	4,257,595	...	...
Passenger-miles(2)	No. 43,190,115	171,234,040	24,640,269	25,279,339	264,343,763	...	...
Goods ton-miles(2)	" 516,758	2,035,459	542,674	620,287	3,715,178	...	...

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

September 1965

	United States			Europe		
	To	From	Total	To	From	Total
Passengers carried:						
Unit toll No.	106,514	104,426	210,940	27,281	38,363	65,644
Bulk "	815	634	1,449	7,605	9,762	17,367
Totals "	107,329	105,060	212,389	34,886	48,125	83,011
Freight, express and excess baggage carried:						
Unit toll lb.	687,148	2,881,158	3,568,306	782,694	2,306,159	3,088,853
Bulk "	-	-	-	-	-	-
Totals "	687,148	2,881,158	3,568,306	782,694	2,306,159	3,088,853
Mail carried (unit toll) "	146,728	244,817	391,545	126,142	162,216	288,358
	All other areas			Totals		
	To	From	Total	To	From	Total
Passengers carried:						
Unit toll No.	5,566	7,222	12,788	139,361	150,011	289,372
Bulk "	129	-	129	8,549	10,396	18,945
Totals "	5,695	7,222	12,917	147,910	160,407	308,317
Freight, express and excess baggage carried:						
Unit toll lb.	233,234	181,972	415,206	1,703,076	5,369,289	7,072,365
Bulk "	-	-	-	-	-	-
Totals "	233,234	181,972	415,206	1,703,076	5,369,289	7,072,365
Mail carried (unit toll) "	23,769	24,812	48,581	296,639	431,845	728,484
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll No.	80,255	84,981	165,236	59,106	65,030	124,136
Bulk "	5,463	7,029	12,492	3,086	3,367	6,453
Totals "	85,718	92,010	177,728	62,192	68,397	130,589
Freight, express and excess baggage carried:						
Unit toll lb.	967,044	2,852,654	3,819,698	736,032	2,516,635	3,252,667
Bulk "	-	-	-	-	-	-
Totals "	967,044	2,852,654	3,819,698	736,032	2,516,635	3,252,667
Mail carried (unit toll) "	197,477	224,651	422,128	99,162	207,194	306,356

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

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

September 1965

Type of service:	Fixed wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Aerial advertising	4	375	23	2,584	66	3,600	674	62,877
Aerial fish cultivation	-	-	31	1,728	-	-	-	-
Aerial patrol and inspection	697	100,571	9,389	1,110,710	625	106,338	7,178	1,000,995
Aerial pest control	2	202	2,878	551,792	15	1,640	20	6,190
Aerial photography and survey	856	151,744	5,696	839,255	140	30,042	1,458	153,588
Aerial photography (excl. survey) ..	43	1,021	757	28,748	215	25,130	703	55,246
Aircraft rental	157	2,888	717	12,837	-	-	-	-
Flying training	4,207	73,903	42,360	710,344	-	-	563	33,942
Geophysical survey	523	74,506	7,282	634,921	717	113,563	4,809	544,881
Non-transportation charter	62	7,982	662	193,049	-	-	-	-
Philanthropic	-	-	-	-	-	-	-	-
Recreational flying	884	19,579	11,736	249,564	152	10,359	885	65,487
Specialty flying - Other	651	1,753	673	3,286	3	439	604	46,184
Totals	8,086	434,524	82,204	4,338,818	1,933	291,111	16,894	1,969,390

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

September 1965

	Carriers operating helicopters only		Carriers operating both helicopters and fixed wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting	No. 16	...	8	...	24	....
Helicopters - Owned	" 166	152	28	22	194	174
Leased	" 34	23	6	3	40	26
Totals	" 200	175	34	25	234	200
Revenue hours flown - Unit toll	" 2	194	-	-	2	194
Bulk	" 9,657	65,748	350	3,384	10,007	69,132
Specialty	" 1,040	9,199	893	7,482	1,933	16,681
Totals	" 10,699	75,141	1,243	10,866	11,942	86,007
Non-revenue hours flown	" 502	4,249	111	434	613	4,683
Fuel and oil consumed:						
Gasoline	gal. 186,457	1,300,870	13,734	113,374	200,191	1,414,244
Cost	\$ 85,321	605,373	6,290	61,747	91,611	667,120
Oil	gal. 3,457	22,139	407	1,839	3,864	23,978
Cost	\$ 5,166	38,299	572	2,749	5,738	41,048
Average number of employees:						
Pilots	No. 208	176	15	13	223	189
Administrative	" 68	56	2	1	70	57
Maintenance labour	" 169	158	9	8	178	166
Other personnel	" 12	9	-	-	12	9
Totals	" 457	399	26	22	483	421
Salaries and wages:						
Pilots	\$ 187,578	1,265,458	12,249	95,526	199,827	1,360,984
Administrative	\$ 36,553	330,375	1,500	10,300	38,053	340,675
Maintenance labour	\$ 91,696	749,061	7,503	44,850	99,199	793,911
Other personnel	\$ 3,974	23,300	-	-	3,974	23,300
Totals	\$ 319,801	2,368,194	21,252	150,676	341,053	2,518,870

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV
September 1965

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers	-	-
Express	-	-
Freight	-	-
Excess baggage	-	-
Mail	-	-
Total unit toll transportation	-	-
Bulk transportation	1,181,519	7,766,357
Total transportation	1,181,519	7,766,357
Other flying services	146,934	981,788
Total flying services	1,328,453	8,748,145
Non-flying services	89,691	174,050
Total operating revenues	1,418,144	8,922,195
Operating expenses:		
Flying operations	586,117	3,132,805
Maintenance	351,400	2,428,143
General service and administration	141,702	787,415
Depreciation and amortization	295,810	946,886
Total operating expenses	1,375,029	7,295,249
Operating income (deficit)	43,115	1,626,946
Non-operating income:		
Capital gains and losses	9,045	87,524
Interest and discounts	Dr. 4,140	3,859
Miscellaneous non-operating income	885	20,738
Income before interest expense	48,905	1,739,067
Interest expense	11,760	176,925
Income before income taxes	37,145	1,562,142
Provision for income taxes	19,816	139,914
Net income after income taxes	17,329	1,422,228

TABLE 11. Operating Statistics, Canadian Group V Carriers
September 1965

	Quarter	Year to date
Reporting carriers	No. 287	...
Transportation:		
Hours flown	" 45,977	89,206
Passengers carried	" 92,855	181,114
Goods carried	lb. 11,647,615	20,296,452
Specialty flying services:		
Aerial advertising	hr. 322	642
Aerial fish cultivation	" 8	60
Aerial patrol and inspection	" 5,799	8,861
Aerial pest control	" 3,841	8,884
Aerial photography and survey	" 740	903
Aerial photography (excl. survey)	" 36	158
Aircraft rental	" 6,677	16,157
Flying training	" 40,926	90,459
Geophysical survey	" -	206
Non-transportation charter	" 661	1,143
Philanthropic	" -	-
Recreational flying	" 8,440	18,848
Specialty flying - Other	" 1,511	2,064
Totals	" 68,961	148,385
Total - All services:		
Revenue hours flown	No. 114,938	237,591
Non-revenue hours flown	" 5,082	11,563

CIVIL AVIATION DEFINITIONS(1)

- 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).

Classification of Canadian Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Air Canada and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo: Air freight and air express (excluding mail and excess baggage).

Carrier, Air: Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

Express, Air: It is a package service operated within the U.S.A. and Canada only; the rates cover door-to-door service. Because Air Express shipments are carried on all flights and take priority over Air Freight and because Express shipments receive priority on the ground too, they take higher rates.

- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

First Freedom:

The privilege to fly over the territory of a foreign country without landing.

Second Freedom:

The privilege to land on the territory of a foreign country for non-traffic purposes.

Third Freedom:

The privilege 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 privilege 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 privilege 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.

Freight, Air:

Articles carried on regular flights at standard per pound rates when space is available.

Goods:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

Domestic Interline:

Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.

Foreign Interline:

Passengers and goods received by a carrier from Foreign Air Carriers.

Divisional Interline:

Passengers and goods received from other operating divisions of the same carrier.

International Services:

Trans-Border Services:

Services between Canada and the United States.

Southern Services:

Services between Canada and Bermuda, the Caribbean, Mexico, Central 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.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight, Load-Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
Passenger Load-Factor:	- See Load Factor, Passenger.
Passenger-Mile:	The transportation of one passenger one mile.
Non-Revenue Passenger:	A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	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 I); 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).
<u>Weight Load Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

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