

CATALOGUE No.

51-001

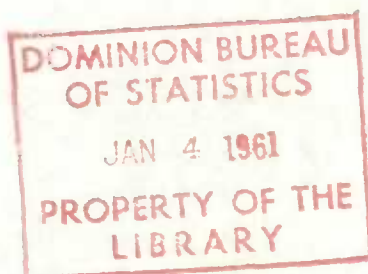
MONTHLY



Historical File Copy

CIVIL AVIATION

JULY 1961



Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Public Finance and Transportation Division
Transportation Section

8504-510-71

Price \$3.00 per year

Vol. 21—No. 7

Historical File Copy

Reports Published by the
Public Finance and Transportation Division
dealing with
Civil Aviation

<u>Catalogue No.</u>	<u>Title</u>	<u>Price</u>
51-001	Civil Aviation - Monthly	\$2.00 per year
51-201	Civil Aviation - Preliminary Annual	50 cents
51-202	Civil Aviation - Annual	50 cents

Subscription orders should be sent to the Information Services Division,
Dominion Bureau of Statistics, Ottawa, Canada, with enclosed remittances
made payable to the Receiver General of Canada.

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. Revenues and Expenses, Canadian Carriers - All Services, by Revenue Group	8
3. Revenues and Expenses, 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 Group I 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. Operating Statistics, Canadian Carriers Operating Helicopters only, Group I to IV	15
9. Transportation Statistics, Foreign Carriers, by Area of Service	16
Civil Aviation Definitions	17

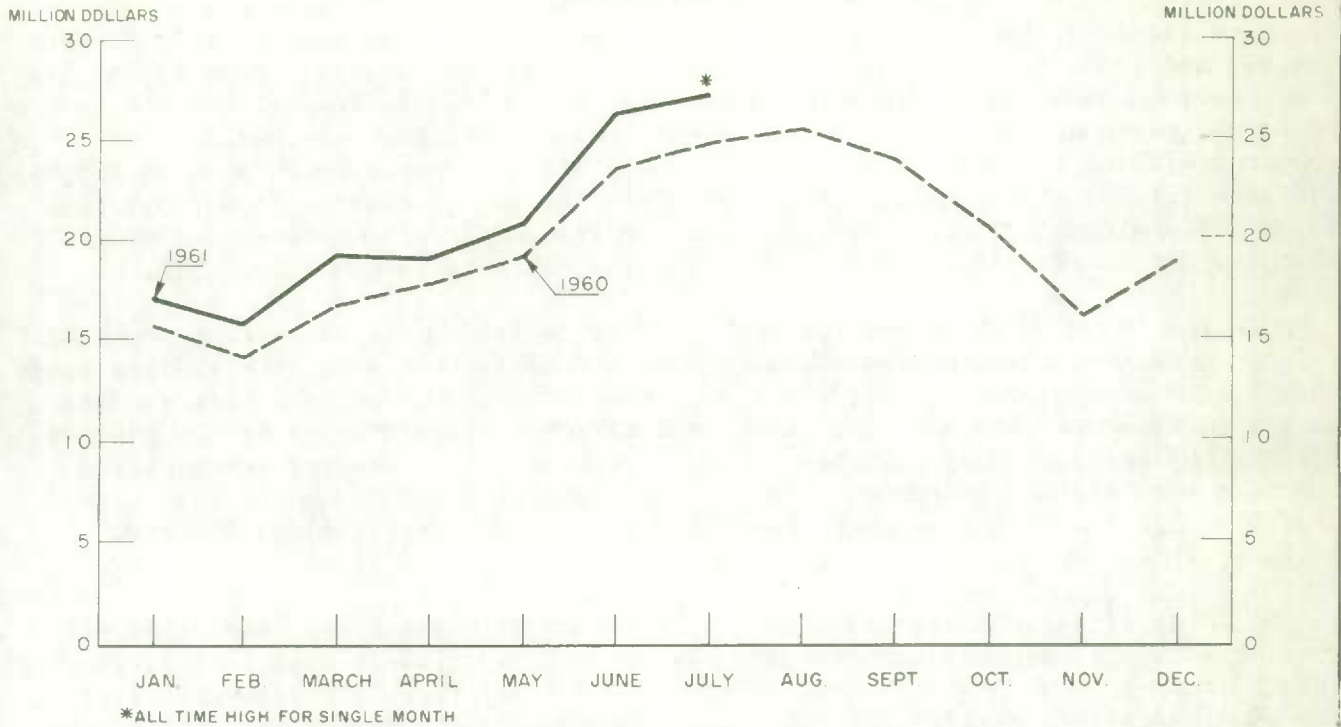
SYMBOLS

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

- .. Figures are not available.
- ... Figures are not applicable.
- Nil or Zero.

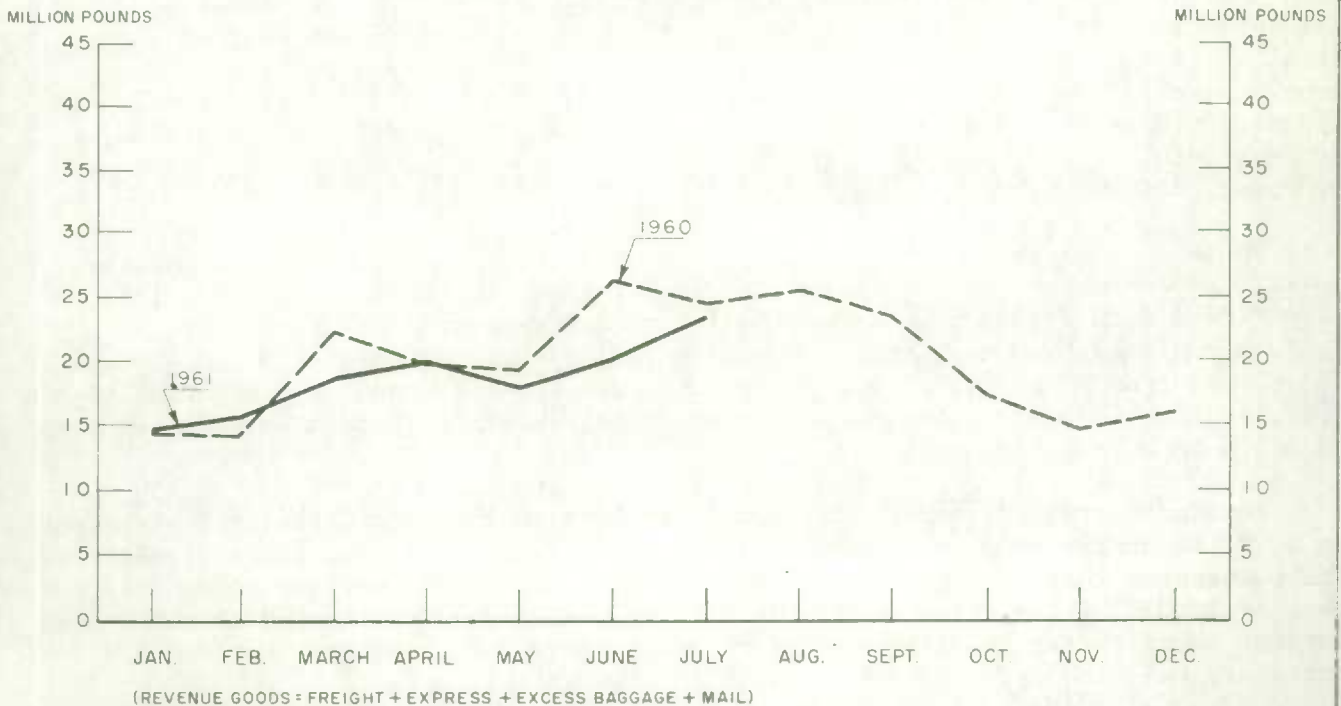
OPERATING REVENUE OF CANADIAN CARRIERS

1960-1961



REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1960-1961



INTRODUCTION

During July, 1961, the number of revenue passengers and the volume of revenue goods transported by Canadian air carriers were below the corresponding totals reported for July, 1960. Passengers carried declined 2.2 per cent to 477,901 from 488,897 and goods flown decreased 2.8 per cent to 23,354,147 lbs. from 24,031,317 lbs. Revenue miles flown dropped 5.3 per cent to 10,256,118 from 10,830,918. Operating revenues increased 8.9 per cent to \$27,155,067 from \$24,942,216, as compared with an increase of 9 per cent in operating expenses which rose to \$23,693,048 from \$21,733,459. Consequently, the operating income rose to \$3,462,019 from \$3,208,757, although the net income, after provision for income taxes and other charges, declined to \$2,602,066 from the \$2,750,675 reported in July, 1960.

In the seven month period, January to July, Canadian air carriers transported 2.7 per cent more revenue passengers in contrast to 5.9 per cent less revenue goods than in the corresponding period of 1960. The number of passengers carried rose to 2,760,783 from 2,689,225, but the volume of goods flown dropped to 129,996,742 lbs. from 138,105,101 lbs. During the same period, both operating revenues and expenses were higher. Revenues rose 10.2 per cent to \$145,532,760 in 1961 from \$132,054,352 in 1960 and expenses increased 9.4 per cent to \$149,053,458 from \$136,307,763.

A total of 417,071 or 87.3 per cent of all revenue passengers and 9,486,672 lbs. or 40.6 per cent of all revenue goods were transported in unit toll service in July of this year. In the same month of 1960, 387,912 revenue passengers or 79.3 per cent of the total and 9,353,387 lbs. of revenue goods or 38.2 per cent of the total were carried in this type of service. A complete breakdown of unit toll services into scheduled and non-scheduled is not possible as some carriers offer both on specific routes. In such cases the route is assigned to the class of service which predominates.

In July, the six scheduled carriers transported 413,116 revenue passengers or 86.4 per cent of the total against 386,848 or 79.1 per cent in the previous July. The revenue goods carried amounted to 11,014,666 lbs. or 47.2 per cent of the total while the July, 1960, figure was 10,609,859 lbs. or 43.4 per cent. The scheduled carriers also accounted for 84 per cent of the total operating revenues and 86.6 per cent of the operating expenses reported by Canadian air carriers. Corresponding figures for July of the previous year were 81.7 per cent and 85.6 per cent, respectively.

Table 8 shows data for companies flying helicopters only. These companies operate approximately 75 per cent of all helicopters in Canada. In July, 1961, they flew a total of 10,582 revenue hours, an increase of 7 per cent over the 9,890 hours flown in July, 1960. Their operating revenues rose 14.3 per cent to \$1,185,672 from \$1,037,494, while operating expenses increased 26.1 per cent to \$636,969 from \$505,238. The resulting operating income increased to \$548,703 from \$532,256 in July, 1960.

Foreign carriers licensed to operate in Canada reported substantial increases in both the number of passengers flown and the volume of revenue goods transported. The passengers rose 19.7 per cent to 86,141 from 71,987 and revenue goods 32.4 per cent to 1,632,352 lbs. from 1,233,131 lbs. in July, 1960. 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

July, 1961

	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	48	69	75	9	8	92	...
<u>Transportation services:</u>									
Unit toll:									
Revenue departures	No.	19,467	2,705	677	3,382	22,849	..	..	..
Revenue hours flown	"	26,628	3,240	423	3,663	30,291	647	1,172	202,266
Revenue miles scheduled ...	"	6,098,687	...	...	...	6,098,687	157,470	439,518	41,584,993
Revenue miles flown:									
Scheduled services	"	6,267,939(4)	...	...	...	6,267,939(4)	156,820	447,374	6,872,133(4)
Non-scheduled services ..	"	449,778(4)	419,177	58,464	477,641	927,419(4)	-	-	927,419(4)
Totals	"	6,717,717	419,177	58,464	477,641	7,195,358	156,820	447,374	7,799,552
Revenue passengers carried	"	402,625	9,905	4,541	14,446	417,071	59,238	21,781	498,090
Revenue goods carried:									
Cargo	1b.	6,013,828	817,605	35,734	853,339	6,867,167	665,483	718,563	8,386,522(5)
Excess baggage	"	106,111(5)	16,666	12,532	29,198	135,309(5)	140,839	107,467	2,732,502
Mail	"	2,425,811	45,902	12,483	58,385	2,484,196	806,322	826,030	11,119,024
Totals	"	8,545,750	880,173	60,749	940,922	9,486,672			
Revenue passenger-miles ...	No.	330,213,394	2,754,748	359,516	3,114,264	333,327,658✓	3,430,336	20,886,923	357,644,917
Revenue goods ton-miles:									
Cargo	"	2,974,388	198,700	26,229	224,929	3,199,317✓	21,009	280,858	3,640,012
Excess baggage	"	131,413	6,850	565	7,415	138,828✓	2,678	50,062	1,145,417
Mail	"	1,077,754	14,122	801	14,923	1,092,677✓	23,687	330,920	4,785,429
Totals	"	4,183,555	219,672	27,595	247,267	4,430,822			
Bulk:									
Revenue - Departure	"	4,316	14,761	16,834	31,595	35,911	..	..	..
Hours flown	"	4,450	19,206	13,117	32,323	36,773✓	-	269	37,042
Miles flown	"	604,857	1,308,594	1,147,309	2,455,903	3,060,760	36	76,978	3,137,774
Passengers carried	"	10,491	27,299	23,040	50,339	60,830	80	5,042	65,952
Freight carried .	1b.	2,468,916	8,851,225	2,547,334	11,398,559	13,867,475	-	-	13,867,475
<u>Non-transportation services:</u>									
Specialty flying:									
Revenue hours flown	No.	862	2,667	4,916	7,583	8,445✓	-	-	8,445

See footnotes at end of table.

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

July, 1961

		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: (6)										
Revenue:										
Departures	No.	23,783	17,466	17,511	34,977	58,760	..	..	..	..
Hours flown	"	31,940	25,113	18,456	43,569	75,509	647	1,441	77,597	374,696
Miles flown	"	7,322,574	1,727,771	1,205,773	2,933,544	10,256,118	156,856	524,352	10,937,326	59,800,220
Passengers carried	"	413,116	37,204	27,581	64,785	477,901	59,318	26,823	564,042	3,194,839
Cargo carried	lb.	8,482,744	9,668,830	2,583,068	12,251,898	20,734,642	665,483 (7)	718,563 (7)	22,253,997 (7)	120,087,689 (7)
Goods carried	"	11,014,666	9,731,398	2,608,083	12,339,481	23,354,147	806,322	826,030	24,986,499	142,572,814
Non-revenue:										
Hours flown	No.	1,074	989	452	1,441	2,515	4	-	2,519	16,814
Passengers carried	"	..	296	86	382	..	941	793	..	..
Goods carried	lb.	..	59,850	250	60,100	..	10,965	76,539	..	..
Passenger-miles	No.	13,917,419	162,031	4,002	166,033	14,083,452	55,732	655,109	14,794,293	83,793,272
Goods ton-miles	"	496,306	33,787	-	33,787	530,093	402	25,930	556,425	3,665,395
Fuel consumed:										
Turbo fuel - Quantity	gal.	14,238,044	-	-	-	14,238,044✓	573,426	2,740,154	17,551,624	96,811,336
Cost	\$	2,026,688	-	-	-	2,026,688	93,240	485,185	2,605,113	13,769,780
Gasoline - Quantity	gal.	1,885,632	1,023,399	240,886	1,264,285	3,149,917✓	204,817	251,818	3,606,552	21,886,382
Cost	\$	617,415	439,458	106,167	545,625	1,163,040	61,989	65,876	1,290,905	7,187,514
Oil consumed:										
Turbo aircraft - Quantity	gal.	4,080	-	-	-	4,080	23	173	4,276	17,047
Cost	\$	42,021	-	-	-	42,021	187	1,156	43,364	148,991
Other aircraft - Quantity	gal.	27,586	16,560	4,357	20,917	48,503✓	781	2,612	51,896	299,358
Cost	\$	27,402	28,909	5,469	34,378	61,780	602	2,156	64,538	303,465
Average number of employees:										
Flying personnel	No.	2,260	453	247	700	2,960	..	..	..	..
Other personnel	"	13,973	925	488	1,413	15,386	..	..	..	..
Totals	"	16,233	1,378	735	2,113	18,346	289	792	19,427	18,715
Salaries and wages paid:										
Flying personnel	\$	1,658,010	333,400	157,326	490,726	2,148,736	..	..	..	..
Other personnel	\$	6,202,395	398,970	189,152	588,122	6,790,517	..	..	..	..
Totals	\$	7,860,405	732,370	346,478	1,078,848	8,939,253	127,243	313,711	9,380,217	61,869,463

(1) Nordair 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) Excludes Group I excess baggage.

(6) Except for hours flown these data relate to transportation services only.

(7) Includes excess baggage.

TABLE 2. Revenues and Expenses, Canadian Carriers - All Services, by Revenue Group

July, 1961

	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	18,282,179	896,665	19,178,844	321,168	60,425	381,593	19,560,437	106,501,022
Express	230,461	47,287	277,748	8,684	972	9,656	287,404	1,918,883
Freight	644,835	233,022	877,857	121,817	2,165	123,982	1,001,839	5,997,037
Excess baggage	89,171	22,680	111,851	7,802	818	8,620	120,471	736,181
Mail	950,045	76,021	1,026,066	20,557	3,776	24,333	1,050,399	8,027,306
Total unit toll transportation	20,196,691	1,275,675	21,472,366	480,028	68,156	548,184	22,020,550	123,180,429
Bulk transportation	397,676	512,307	909,983	2,037,918	954,042	2,991,960	3,901,943	15,729,734
Total transportation	20,594,367	1,787,982	22,382,349	2,517,946	1,022,198	3,540,144	25,922,493	138,910,163
Specialty flying services	1,899	107,153	109,052	410,982	113,714	524,696	633,748	2,866,080
Total flying services	20,596,266	1,895,135	22,491,401	2,928,928	1,135,912	4,064,840	26,556,241	141,776,243
Non-flying services	251,999	72,416	324,415	66,973	207,438	274,411	598,826	3,756,517
Total operating revenues	20,848,265	1,967,551	22,815,816	2,995,901	1,343,350	4,339,251	27,155,067	145,532,760
Operating expenses:								
Flying operations	5,024,782	660,682	5,685,464	1,056,982	441,041	1,498,023	7,183,487	42,334,600
Maintenance	3,800,254	380,507	4,180,761	717,445	171,912	889,357	5,070,118	33,148,495
General services and administration:								
Passenger service	1,567,815	38,590	1,606,405	..	..	..	..	..
Aircraft and traffic servicing	2,775,744	192,182	2,967,926	..	..	..	..	..
Promotion and sales	2,962,260	92,591	3,054,851	..	..	..	..	..
General administration	724,728	89,741	814,469	..	..	..	..	..
Totals	8,030,547	413,104	8,443,651	347,258	112,034	459,292	8,902,943	57,610,488
Depreciation and amortization	2,041,090	176,062	2,217,152	217,233	102,115	319,348	2,536,500	15,959,875
Total operating expenses	18,896,673	1,630,355	20,527,028	2,338,918	827,102	3,166,020	23,693,048	149,053,458
Operating income (loss)	1,951,592	337,196	2,288,788	656,983	516,248	1,173,231	3,462,019	Dr. 3,520,698
Non-operating income - net:								
Capital gains and losses	15,340	Dr. 5,147	10,193	29,968	-	29,968	40,161	101,509
Interest and discounts	101,240	119	101,359	Dr. 385	2,475	2,090	103,449	1,339,767
Miscellaneous non-operating income	Dr. 7,069	Dr. 7,731	Dr. 14,800	Dr. 4,009	Dr. 34	Dr. 4,043	Dr. 18,843	62,321
Income before interest expense	2,061,103	324,437	2,385,540	682,557	518,689	1,201,246	3,586,786	Dr. 2,017,101
Interest expense	872,472	44,259	916,731	44,673	13,151	57,824	974,555	6,654,205
Income before income taxes	1,188,631	280,178	1,468,809	637,884	505,538	1,143,422	2,612,231	Dr. 8,671,306
Provision for income taxes	-	-	-	Cr. 6,379	16,544	10,165	10,165	302,534
Net income after income taxes	1,188,631	280,178	1,468,809	644,263	488,994	1,133,257	2,602,066	Dr. 8,973,840

(1) Nordair Ltd. included with Group III carriers for purposes of this report.

TABLE 3. Revenues and Expenses, Canadian Scheduled Carriers - All Services, by Company

July, 1961

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers	3,507,050	140,143	315,557	254,249	186,716	14,775,129	19,178,844	104,822,916
Express	16,538	-	13,712	31,413	2,162	213,923	277,748	1,843,810
Freight	198,976	142,219	61,390	-	29,413	445,859	877,857	5,426,669
Excess baggage	24,913	1,907	11,458	6,325	2,990	64,258	111,851	697,671
Mail	159,712	20,218	38,828	1,518	15,457	790,333	1,026,066	7,438,370
Total unit toll transportation	3,907,189	304,487	440,945	293,505	236,738	16,289,502	21,472,366	120,229,436
Bulk transportation	288,712	12,778	277,152	3,775	218,602	108,964	909,983	3,514,251
Total transportation	4,195,901	317,265	718,097	297,280	455,340	16,398,466	22,382,349	123,743,687
Specialty flying services	-	-	69,736	-	37,417	1,899	109,052	203,288
Total flying services	4,195,901	317,265	787,833	297,280	492,757	16,400,365	22,491,401	123,946,975
Non-flying services	37,691	5,823	35,095	8,742	22,756	214,308	324,415	1,997,296
Total operating revenues	4,233,592	323,088	822,928	306,022	515,513	16,614,673	22,815,816	125,944,271
Operating expenses:								
Flying operations	1,469,553	83,793	270,315	98,358	208,216	3,555,229	5,685,464	34,554,690
Maintenance	757,424	51,806	108,806	87,718	132,177	3,042,830	4,180,761	28,223,038
General services and administrations:								
Passenger service	316,252	9,688	14,086	3,358	11,458	1,251,563	1,606,405	10,457,869
Aircraft and traffic servicing	505,653	34,331	119,910	23,663	14,278	2,270,091	2,967,926	19,828,259
Promotion and sales	650,165	6,193	16,415	42,701	27,282	2,312,095	3,054,851	18,582,503
General administration	173,566	15,551	31,999	21,544	20,647	551,162	814,469	5,798,485
Totals	1,645,636	65,763	182,410	91,266	73,665	6,384,911	8,443,651	54,667,116
Depreciation and amortization	247,921	28,337	54,375	60,597	32,753	1,793,169	2,217,152	13,870,641
Total operating expenses	4,120,534	229,699	615,906	337,939	446,811	14,776,139	20,527,028	131,315,485
Operating income (loss)	113,058	93,389	207,022	Dr. 31,917	68,702	1,838,534	2,288,788	Dr. 5,371,214
Non-operating income - net:								
Capital gains and losses	15,340	Dr. 5,144	-	Dr. 3	-	-	10,193	9,690
Interest and discounts	4,584	18	-	-	101	96,656	101,359	1,324,434
Miscellaneous non-operating income	Dr. 8,345	11	Dr. 7,683	Dr. 85	26	1,276	Dr. 14,800	104,430
Income before interest expense	124,637	88,274	199,339	Dr. 32,005	68,829	1,936,466	2,385,540	Dr. 3,932,660
Interest expense	-	1,767	8,153	11,604	22,735	872,472	916,731	6,328,568
Income before income taxes	124,637	86,507	191,186	Dr. 43,609	46,094	1,063,994	1,468,809	Dr. 10,261,228
Provision for income taxes	-	-	-	-	-	-	-	425
Net income after income taxes	124,637	86,507	191,186	Dr. 43,609	46,094	1,063,994	1,468,809	Dr. 10,261,653

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

July, 1961

		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.	1,975	13,443	15,418	928	1,310	988	823	4,049	19,467
Revenue hours flown	"	3,892	18,570	22,462	954	1,486	738	988	4,166	26,628
Revenue miles scheduled	"	1,124,392	4,726,952	5,851,344	28,844	98,601	84,110	35,788	247,343	6,098,687
Revenue miles flown:										
Scheduled services - Regular	"	1,105,592	4,662,109	5,767,701	25,955	97,327	79,470	35,788	238,540	6,006,241
Extra section ..	"	9,954	227,488	237,442	8,106	7,894	2,734	5,522	24,256	261,698
Non-scheduled services	"	68,840	-	68,840	127,080	110,782	48,229	94,847	380,938	449,778
Totals	"	1,184,386	4,889,597	6,073,983	161,141	216,003	130,433	136,157	643,734	6,717,717
Ratio of regular miles flown to miles scheduled		98.3	98.6	...	90.0	98.7	94.5	100.0	...	...
Revenue passengers carried	No.	38,675	332,796	371,471	6,933	13,306	5,755	5,160	31,154	402,625
Revenue goods carried:										
Express	lb.	73,490	744,221	817,711	-	26,284	159,141	11,505	196,930	1,014,641
Freight	"	405,972	2,653,838	3,059,810	1,400,466	384,282	-	154,629	1,939,377	4,999,187
Excess baggage .....	"	..	..	..	13,137	31,246	48,709	13,019	106,111	106,111 (2)
Mail	"	161,506	1,972,362	2,133,868	109,933	122,253	15,172	44,585	291,943	2,425,811
Totals	"	640,968	5,370,421	6,011,389	1,523,536	564,065	223,022	223,738	2,534,361	8,545,750
Revenue passenger-miles:										
Scheduled services	No.	60,031,540	258,168,313	318,199,853	466,835	1,511,549	2,026,602	565,813	4,570,799	322,770,652
Non-scheduled services	"	1,701,869	-	1,701,869	1,100,138	2,318,670	827,807	1,494,258	5,740,873	7,442,742
Totals	"	61,733,409	258,168,313	319,901,722	1,566,973	3,830,219	2,854,409	2,060,071	10,311,672	330,213,394
Available seat-miles on scheduled services	"	110,407,826	384,549,002	494,956,828	885,586	2,867,748	3,210,696	..	..	..
Passenger load factor on scheduled services		54.4	67.1	...	52.7	52.7	63.1	..	...	...
Revenue goods ton-miles:										
Express - Scheduled services	No.	18,946	240,593	259,539	-	270	19,884	806	20,960	280,499
Non-scheduled services ..	"	1,350	-	1,350	-	8,517	10,147	2,185	20,849	22,199
Totals	"	20,296	240,593	260,889	-	8,787	30,031	2,991	41,809	302,698
Freight - Scheduled services	"	535,807	1,676,710	2,212,517	2,361	5,867	-	1,000	9,228	2,221,745
Non-scheduled services ..	"	2,104	-	2,104	317,142	104,588	-	26,111	447,841	449,945
Totals	"	537,911	1,676,710	2,214,621	319,503	110,455	-	27,111	457,069	2,671,690

See footnotes at end of table.

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

July, 1961

	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 - concluded:</u>									
Unit toll (concluded):									
Revenue goods ton-miles (concluded):									
Excess baggage - Scheduled services . No.	29,617	83,261	112,878	273	1,554	4,713	1,063	7,603	120,481
Non-scheduled services	188	-	188	1,854	3,832	3,066	1,992	10,744	10,932
Totals	29,805	83,261	113,066	2,127	5,386	7,779	3,055	18,347	131,413
Mail - Scheduled services	146,368	870,669	1,017,037	3,779	860	244	1,546	6,429	1,023,466
Non-scheduled services	3,656	-	3,656	8,196	36,997	751	4,688	50,632	54,288
Totals.....	150,024	870,669	1,020,693	11,975	37,857	995	6,234	57,061	1,077,754
Total - Scheduled services	730,738	2,871,233	3,601,971	6,413	8,551	24,841	4,415	44,220	3,646,191
Non-scheduled services	7,298	-	7,298	327,192	153,934	13,964	34,976	530,066	537,364
Totals.....	738,036	2,871,233	3,609,269	333,605	162,485	38,805	39,391	574,286	4,183,555
Available ton-miles on scheduled services									
Weight load factor on scheduled services(3)	46.7	56.0	...	59.3	58.1	66.1	60.9	...	...
Bulk:									
Revenue - Departures	48	54	102	56	3,315	16	827	4,214	4,316
Hours flown	404	125	529	71	2,825	23	1,002	3,921	4,450
Miles flown	110,007	32,803	142,810	11,375	299,795	3,280	147,597	462,047	604,857
Passengers carried	1,752	2,585	4,337	842	3,994	18	1,300	6,154	10,491
Freight carried	-	-	-	12,573	1,540,388	4,612	911,343	2,468,916	2,468,916
<u>Non-transportation services</u>									
Specialty flying:									
Revenue hours flown	-	9	9	-	717	-	136	853	862
<u>Total - All services</u>									
Traffic: (4)									
Revenue:									
Departures	2,023	13,497	15,520	984	4,625	1,004	1,650	8,263	23,783
Hours flown	4,296	18,704	23,000	1,025	5,028	761	2,126	8,940	31,940
Miles flown	1,294,393	4,922,400	6,216,793	172,516	515,798	133,713	283,754	1,105,781	7,322,574
Passengers carried	40,427	335,381	375,808	7,775	17,300	5,773	6,460	37,308	413,116
Cargo carried	479,462	3,398,059	3,877,521	1,413,039	1,950,954	163,753	1,077,477	4,605,223	8,482,744
Goods carried	640,968	5,370,421	6,011,389	1,536,109	2,104,453	227,634	1,135,081	5,003,277	11,014,666

See footnotes at end of table.

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

July, 1961

	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(4) - Concluded:									
Non-revenue:									
Hours flown	No. 231	435	666	21	146	79	162	408	1,074
Passengers carried	" 1,152	..	..	211	321	204	155	891	..
Goods carried	lb. 89,050	..	..	45,879	30,212	-	9,209	85,300	..
Passenger-miles	No. 1,495,598	12,100,758	13,596,356	60,224	108,620	58,233	93,986	321,063	13,917,419
Goods ton-miles	" 139,224	336,328	475,552	8,275	9,387	-	3,092	20,754	496,306
Fuel consumed:									
Turbo fuel - Quantity	gal. 2,624,564	11,434,899	14,059,463	71,119	-	107,462	-	178,581	14,238,044
Cost	\$ 424,894	1,552,292	1,977,186	17,132	-	32,370	-	49,502	2,026,688
Gasoline - Quantity	gal. 545,777	767,629	1,313,406	91,328	249,789	25,131	205,978	572,226	1,885,632
Cost	\$ 168,465	215,765	384,230	29,201	114,212	7,217	82,555	233,185	617,415
Oil consumed:									
Turbo aircraft - Quantity	gal. 570	3,312	3,882	12	-	186	-	198	4,080
Cost	\$ 6,095	34,488	40,583	149	-	1,289	-	1,438	42,021
Other aircraft - Quantity	gal. 6,814	11,631	18,445	1,459	3,305	147	4,230	9,141	27,586
Cost	\$ 6,145	11,019	17,164	1,387	4,131	490	4,230	10,238	27,402
Average number of employees:									
Flying personnel	No. 444	1,559	2,003	34	104	42	77	257	2,260
Other personnel	" 2,350	10,631	12,981	173	351	235	233	992	13,973
Totals	" 2,794	12,190	14,984	207	455	277	310	1,249	16,233
Salaries and wages paid:									
Flying personnel	\$ 375,023	1,107,438	1,482,461	23,224	88,018	20,786	43,521	175,549	1,658,010
Other personnel	\$ 964,192	4,844,593	5,808,785	62,629	152,088	90,018	88,875	393,610	6,202,395
Totals	\$ 1,339,215	5,952,031	7,291,246	85,853	240,106	110,804	132,396	569,159	7,860,405

(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
July, 1961

		Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total
Revenue passengers carried:								
Originated	No.	31,381	6,337	12,997	5,755	4,464	277,865	338,799
Domestic interline	"	3,742	596	-	-	-	(54,931	62,268
Foreign interline	"	2,999	-	-	-	-	(
Totals (2)	"	38,122	6,933	12,997	5,755	4,464	332,796	401,067
Revenue express carried:								
Originated	1b.	73,490	-	26,284	159,141	11,505	744,221	1,014,641
Domestic interline	"	-	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-	-
Totals (2)	"	73,490	-	26,284	159,141	11,505	744,221	1,014,641
Revenue freight carried(3)								
Originated	"	287,469	874,212	370,022	-	57,366	2,653,838	4,242,907
Domestic interline	"	17,024	-	-	-	-	-	17,024
Foreign interline	"	70,016	-	-	-	-	-	70,016
Totals (2)	"	374,509	874,212	370,022	-	57,366	2,653,838	4,329,947
Revenue excess baggage carried:								
Originated	"	..	13,137	30,865	48,709	11,850	..	104,561
Domestic interline	"	..	-	-	-	-	..	-
Foreign interline	"	..	-	-	-	-	..	-
Totals (2)	"	..	13,137	30,865	48,709	11,850	..	104,561(3)
Revenue mail carried:								
Originated	"	161,506	109,933	119,818	15,172	13,433	1,972,362	2,392,224
Domestic interline	"	-	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-	-
Totals (2)	"	161,506	109,933	119,818	15,172	13,433	1,972,362	2,392,224

(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 Group I Carriers - Unit Toll Services, by Area of Service

July, 1961

		Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures	No.	2,377	642	267	87	3,373	12,045	15,418
Revenue hours flown	"	3,572	2,599	1,033	570	7,774	14,688	22,462
Revenue miles scheduled	"	757,180	1,135,526	289,864	194,378	2,376,948	3,474,396	5,851,344
Revenue miles flown:								
Scheduled services - Regular	"	749,401	1,127,822	289,864	182,955	2,350,042	3,417,659	5,767,701
Extra sections	"	24,854	8,402	2,238	-	35,494	201,948	237,442
Non-scheduled services	"	-	-	-	-	-	68,840	68,840
Totals	"	774,255	1,136,224	292,102	182,955	2,385,536	3,688,447	6,073,983
Ratio of regular miles flown to miles scheduled		99.0	99.3	100.0	94.1	98.9	98.4	98.6
Revenue passenger-miles	No.	28,855,097	76,103,102	15,242,151	7,747,348	127,947,698	191,954,024	319,901,722
Available seat-miles on scheduled services	"	43,605,492	138,811,005	25,493,896	14,635,842	222,546,235	272,410,593	494,956,828
Passenger load factor on scheduled services		66.2	54.8	59.8	52.9	57.5	69.8	64.3
Revenue goods ton-miles:								
Express	No.	40,650	-	-	-	40,650	220,239	260,889
Freight	"	125,423	625,619	97,418	254,423	1,102,883	1,111,738	2,214,621
Excess baggage	"	7,008	37,186	15,093	3,973	63,260	49,806	113,066
Mail	"	30,666	150,125	36,940	77,969	295,700	724,993	1,020,693
Totals	"	203,747	812,930	149,451	336,365	1,502,493	2,106,776	3,609,269
Available ton-miles on scheduled services	"	5,191,672	19,314,836	3,155,814	2,019,983	29,682,305	35,975,450	65,657,755
Weight load factor on scheduled services (1)		59.5	43.6	53.0	55.0	48.2	58.7	53.9

(1) Standard passenger weight used: 200 pounds.

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

July, 1961

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	3,041	49,863	19,097	303,721
Recreational flying	954	16,403	4,920	88,947
Aerial photography and survey	532	137,528	3,368	829,080
Aerial photography (excl. survey)	100	5,626	387	21,023
Aerial pest control	311	59,232	2,902	314,141
Aerial advertising	2	135	15	1,098
Aerial patrol and inspection	2,490	289,177	7,633	724,484
Philanthropic	-	-	-	-
Aerial fish cultivation	-	-	5	455
Geophysical survey	593	55,784	3,324	412,947
Non-transportation charter	68	15,544	186	71,688
Other specialty flying	354	21,081	662	64,028
Total specialty flying	8,445	650,373	42,499	2,831,612

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

July, 1961

	Month	Year to date
Revenue hours flown	No. 10,582	27,915
Average number of aircraft	" 114	107
Average number of employees:		
Flying personnel	" 157	205
Other personnel	" 253	166
Totals	" 410	371
Salaries and wages paid:		
Flying personnel	\$ 124,767	816,556
Other personnel	\$ 132,392	706,555
Totals	\$ 257,159	1,523,111
Operating revenues:		
Bulk transportation	\$ 1,075,288	3,205,667
Other flying services	\$ 40,183	105,636
Non-flying services	\$ 70,201	217,294
Totals	\$ 1,185,672	3,528,597
Operating expenses:		
Flying operations	\$ 315,153	1,449,953
Maintenance	\$ 163,821	765,595
General services and administration ..	\$ 68,056	451,718
Depreciation and amortization	\$ 89,939	604,570
Totals	\$ 636,969	3,271,836
Operating income (Loss)	\$ 548,703	256,761
Net income (deficit) after income taxes	\$ 530,258	220,938

TABLE 9. Transportation Statistics, Foreign Carriers, by Area of Service
July, 1961

		United States			Europe		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	31,138	29,961	61,099	9,571	9,405	18,976
Bulk transportation	"	80	-	80	868	4,174	5,042
Totals	"	31,218	29,961	61,179	10,439	13,579	24,018
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	92,540	570,628	663,168	174,461	525,475	699,936
Bulk transportation	"	-	-	-	-	-	-
Totals	"	92,540	570,628	663,168	174,461	525,475	699,936
Mail carried (Unit toll transportation) ..	"	45,672	95,071	140,743	26,040	80,254	106,294
		All others			Totals		
		To	From	Total	To	From	Total
Revenue passengers carried:							
Unit toll transportation	No.	438	506	944	41,147	39,872	81,019
Bulk transportation	"	-	-	-	948	4,174	5,122
Totals	"	438	506	944	42,095	44,046	86,141
Revenue freight, express and excess baggage carried:							
Unit toll transportation	lb.	17,763	3,179	20,942	284,764	1,099,282	1,384,046
Bulk transportation	"	-	-	-	-	-	-
Totals	"	17,763	3,179	20,942	284,764	1,099,282	1,384,046
Mail carried (Unit toll transportation) ..	"	784	485	1,269	72,496	175,810	248,306

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Transportation of passengers or goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide transportation between designated points in accordance with a schedule; and(ii) the non-scheduled services, which provide transportation either between designated points on a route pattern and with some degree of regularity or from a designated base to serve a defined area or a specific point or points
Bulk Transportation:	Transportation of passengers or goods at a toll per mile or per hour for the entire aircraft (charter), or in accordance with a specific contract.
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.
Scheduled Carriers:	Carriers operating some unit toll scheduled service.
Non-Scheduled Carriers:	Carriers not operating any unit toll scheduled service.
Revenue 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 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 Groups 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.

Air Cargo:

Air freight and air express.

Goods:

Air Cargo plus excess baggage and air mail.

Passenger Load Factor:

Ratio of revenue passenger-miles performed to available seat-miles.

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.

At the same time, the...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010528376

CIVIL AVIATION