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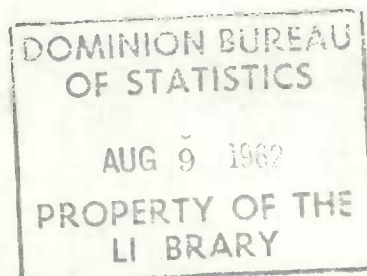
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# CIVIL AVIATION

MARCH 1962



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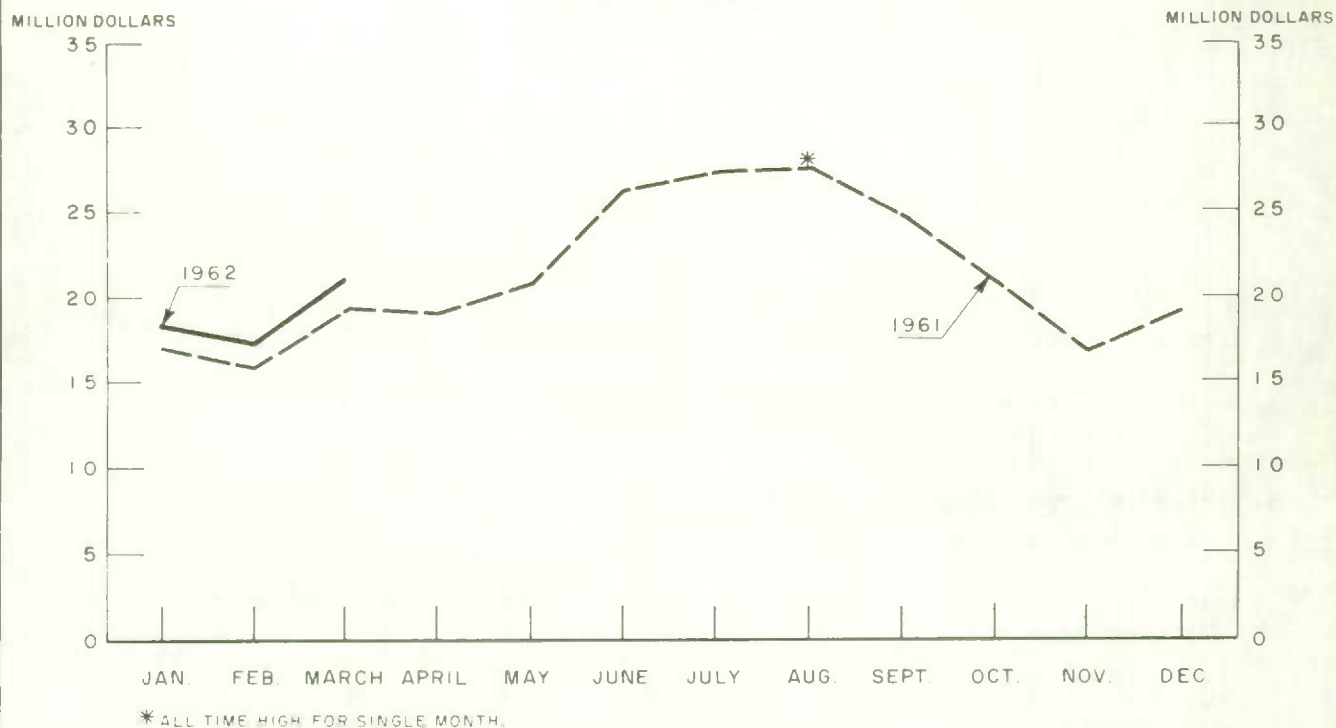
## SYMBOLS

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

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

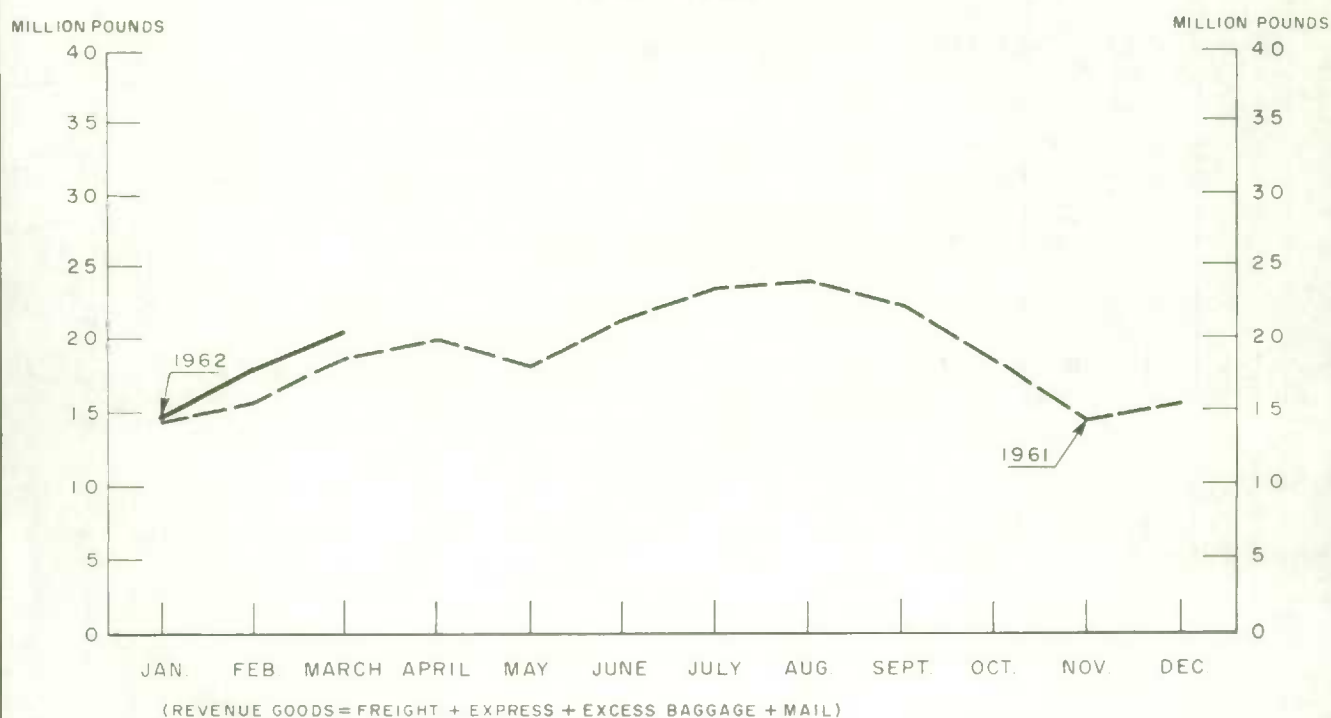
# OPERATING REVENUE OF CANADIAN CARRIERS

1961-1962



# REVENUE GOODS CARRIED BY CANADIAN CARRIERS

1961-1962



## INTRODUCTION

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

For reporting purposes, Canadian carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described in the last two pages of this publication along with definitions of civil aviation terminology. It should be noted, however, that Nordair Ltd., which is classified as a Group II carrier by the Air Transport Board, has been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for the three Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, Transair Ltd. and Trans-Canada Air Lines. Statistics on revenue passengers, cargo and mail transported are now being included in this table.

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

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

### Review of March operations.

In March 1962, there was a substantial increase in both the number of revenue passengers and volume of revenue goods transported by Canadian air carriers as compared with the same month of 1961. Passengers carried rose 12.3 per cent to 418,746 from 372,762 and goods flown increased 9.6 per cent to 20,360,183 lbs. from 18,574,929 lbs. Revenue miles flown were up 2.1 per cent to 7,639,390 from 7,478,752. Operating revenues rose 8.9 per cent to \$20,989,152 from \$19,269,561 a year earlier, while operating expenses increased 5.1 per cent to \$22,114,474 from \$21,046,682. As a result the operating loss of \$1,125,322 was considerably lower than that of \$1,777,121 reported on March 1961 and the deficit, after provision for income taxes and other charges, decreased to \$2,280,639 from \$2,493,054.

For the three month period, January to March, both revenue passengers and revenue goods registered an increase when compared with the same period of 1961. The number of passengers increased 14 per cent to 1,172,502 from 1,028,593 and the volume of goods rose 9 per cent to 52,876,388 lbs. from 48,514,542 lbs. Operating revenues increased 9.3 per cent in the period, to \$56,817,557 from \$51,981,690, more than offsetting an increase of 5.7 per cent in operating expenses which rose to \$63,909,849 from \$60,439,259.

In March, the six scheduled carriers transported 384,572 revenue passengers or 91.8 of the total number carried and 13,192,708 lbs. of revenue goods or 64.8 per cent of the total transported. In March of last year, 93.6 per cent of the revenue passengers and 60 per cent of the revenue goods were transported by scheduled carriers.

Tables 10 and 11 cover the operations of the Group V carriers for the first quarter of 1962. These carriers transported 13,011 revenue passengers as against 12,801 and 875,960 lbs. of revenue goods as compared with 1,026,510 lbs. in the corresponding period of 1961.

Foreign carriers licensed to operate in Canada transported 65,172 revenue passengers in March, 1962, as compared with 55,843 in the same month of 1961, an increase of 11.7 per cent. The volume of revenue goods flown by these same carriers rose to 2,128,158 from 1,994,784 an increase of 6.7 per cent. It should be noted that foreign carriers are required to report hours and miles flown over Canada territory only and passengers and goods in transit are excluded.



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

March, 1962

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
	Group I and II(1)	Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	21	59	80	86	9	8	103	...
Transportation services:									
Unit toll:									
Revenue departures .....	No.	17,413	3,299	828	4,127	21,540	..	..	..
Revenue hours flown .....	"	22,444	3,132	607	3,739	26,183	450	662	27,295
Revenue miles scheduled ....	"	5,436,173	...	...	...	5,436,173	112,803	253,282	5,802,258
Revenue miles flown:									
Scheduled services .....	"	5,502,289 <sup>4/</sup>	...	...	...	5,502,289 <sup>4/</sup>	111,794	258,002	5,872,085 <sup>4/</sup>
Non-scheduled services ...	"	331,317 <sup>4/</sup>	382,134	68,688	450,822	782,139 <sup>4/</sup>	-	-	782,139 <sup>4/</sup>
Totals .....	"	5,833,606	382,134	68,688	450,822	6,284,428	111,794	258,002	6,654,224
Revenue passengers carried	"	380,987	10,685	2,345	13,030	394,017	48,324	16,468	458,809
Revenue goods carried:									
Cargo .....	lb.	6,360,054	551,706	250,855	802,561	7,162,615	)	785,724	1,065,299
Excess baggage .....	"	83,945 <sup>5/</sup>	6,797	7,332	14,129	98,074 <sup>5/</sup>	)		
Mail .....	"	3,397,548	301,152	17,846	318,998	3,716,546	173,137	103,998	3,993,681
Totals .....	"	9,841,547	859,655	276,033	1,135,688	10,977,235	958,861	1,169,297	13,105,393
Revenue passenger-miles ....	No.	275,676,845	2,316,982	190,761	2,507,743	278,184,588✓	2,383,423	11,977,340	292,545,351
Revenue goods ton-miles:									
Cargo .....	"	3,585,004	119,170	560,379	679,549	4,264,553✓	)	21,758	380,477
Excess baggage .....	"	156,014	4,184	426	4,610	160,624✓	)		
Mail .....	"	1,338,641	58,912	951	59,863	1,398,504✓	3,497	42,231	1,444,232
Totals .....	"	5,079,659	182,266	561,756	744,022	5,823,681	25,255	422,708	6,271,644
Bulk:									
Revenue - Departure .....	"	1,683	3,960	5,838	9,798	11,481	..	..	..
Hours flown .....	"	2,084	4,884	5,239	10,123	12,207	-	10	12,217
Miles flown .....	"	293,460	514,974	546,528	1,061,502	1,354,962	-	2,730	1,357,692
Passengers carried	"	3,585	8,439	12,705	21,144	24,729	-	380	25,109
Freight carried ..	lb.	3,351,161	4,265,419	1,766,368	6,031,787	9,382,948	-	-	9,382,948
Non-transportation services:									
Specialty flying:									
Revenue hours flown .....	No.	6	1,198	4,255	5,453	5,459✓	-	-	5,459

See footnotes at end of table.

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

March, 1962

	Canadian carriers				Foreign carriers(2)		Grand total all carriers	Year to date	
	Scheduled carriers	Non-scheduled carriers			Total Canadian carriers	United States carriers			Other Foreign carriers(3)
	Groups I and II(1)	Group III(1)	Group IV	Total					
Total - All services:									
Traffic, hours and miles: (6)									
Revenue:									
Departures .....	No.	19,096	7,259	6,666	13,925	33,021	..	..	..
Hours flown .....	"	24,534	9,214	10,101	19,315	43,849	450	672	122,493
Miles flown .....	"	6,127,066	897,108	615,216	1,512,324	7,639,390	111,794	260,732	22,276,773
Passengers carried .....	"	384,572	19,124	15,050	34,174	418,746	48,324	16,848	1,355,872
Cargo carried .....	lb.	9,711,215	4,817,125	2,017,223	6,834,348	16,545,563	785,724 <sup>7</sup>	1,065,299 <sup>7</sup>	47,934,790 <sup>7</sup>
Goods carried .....	"	13,192,708	5,125,074	2,042,401	7,167,475	20,360,183	958,861	1,169,297	58,802,117
Non-revenue:									
Hours flown .....	No.	1,117	1,126	432	1,558	2,675	4	-	6,092
Passengers carried .....	"	..	473	37	510	..	652	486	..
Goods carried .....	lb.	..	19,466	-	19,466	..	19,800	99,340	..
Passenger-miles .....	No.	11,599,049	193,534	1,041	194,575	11,793,624	30,296	367,573	30,932,802
Goods ton-miles .....	"	528,802	10,733	-	10,733	539,535	1,661	33,501	1,643,495
Fuel consumed:									
Turbo fuel - Quantity .....	gal.	13,892,871	23,718	-	23,718	13,916,589 <sup>✓</sup>	201,974	1,784,368	44,170,160
Cost .....	\$	1,936,693	4,518	-	4,518	1,941,211	32,419	293,720	6,373,671
Gasoline - Quantity .....	gal.	864,111	467,617	173,707	641,324	1,505,435 <sup>✓</sup>	58,288	242,750	5,282,743
Cost .....	\$	295,424	177,543	73,203	250,746	546,170	14,253	55,407	1,797,469
Oil consumed:									
Turbo aircraft - Quantity ..	gal.	3,599	2	-	2	3,601 <sup>✓</sup>	43	76	10,722
Cost .....	\$	30,247	8	-	8	30,255	198	642	89,323
Other aircraft - Quantity ..	gal.	11,217	6,006	2,521	8,527	19,744 <sup>✓</sup>	309	2,393	63,234
Cost .....	\$	11,074	7,580	3,390	10,970	22,044	272	1,675	67,508
Average number of employees:									
Flying personnel .....	No.	2,144	395	234	629	2,773	..	..	..
Other personnel .....	"	13,376	700	464	1,164	14,540	..	..	..
Totals .....	"	15,520	1,095	698	1,793	17,313	264	748	18,351
Salaries and wages paid:									
Flying personnel .....	\$	1,815,664	240,725	118,369	359,094	2,174,758	..	..	..
Other personnel .....	\$	6,084,652	312,304	179,402	491,706	6,576,358	..	..	..
Totals .....	\$	7,900,316	553,029	297,771	850,800	8,751,116	124,002	332,248	26,567,830

(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 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

March, 1962

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers .....	15,032,813	613,455	15,646,268	240,037	32,321	272,358	15,918,626	43,308,479
Express .....	278,807	10,158	288,965	9,354	9,314	18,668	307,633	889,831
Freight .....	808,607	185,871	994,478	69,560	6,429	75,989	1,070,467	2,752,883
Excess baggage .....	113,621	15,125	128,746	5,280	668	5,948	134,694	331,882
Mail .....	1,027,811	127,357	1,155,168	115,855	5,208	121,063	1,276,231	3,635,097
Total unit toll transportation ..	17,261,659	951,966	18,213,625	440,086	53,940	494,026	18,707,651	50,918,172
Bulk transportation .....	66,688	400,295	466,983	643,371	431,460	1,074,831	1,541,814	4,112,419
Total transportation .....	17,328,347	1,352,261	18,680,608	1,083,457	485,400	1,568,857	20,249,465	55,030,591
Other flying services .....	1,116	-	1,116	109,643	114,424	224,067	225,183	558,879
Total flying services .....	17,329,463	1,352,261	18,681,724	1,193,100	599,824	1,792,924	20,474,648	55,589,470
Non-flying services .....	246,536	54,379	300,915	89,042	124,547	213,589	514,504	1,228,087
Total operating revenues .....	17,575,999	1,406,640	18,982,639	1,282,142	724,371	2,006,513	20,989,152	56,817,557
Operating expenses:								
Flying operations .....	4,437,253	533,717	4,970,970	710,022	284,261	994,283	5,965,253	17,165,441
Maintenance .....	4,043,851	375,185	4,419,036	373,887	182,785	556,672	4,975,708	14,260,096
General services and administration:								
Passenger service .....	1,475,986	35,173	1,511,159	..	..	..	..	..
Aircraft and traffic servicing ....	2,779,769	186,084	2,965,853	..	..	..	..	..
Promotion and sales .....	2,827,729	91,451	2,919,180	..	..	..	..	..
General administration .....	773,326	87,995	861,321	..	..	..	..	..
Totals .....	7,856,810	400,703	8,257,513	282,683	151,957	434,640	8,692,153	25,094,514
Depreciation and amortization .....	2,088,863	119,413	2,208,276	167,535	105,549	273,084	2,481,360	7,389,798
Total operating expenses .....	18,426,777	1,429,018	19,855,795	1,534,127	724,552	2,258,679	22,114,474	63,909,849
Operating income (loss) .....	Dr. 850,778	Dr. 22,378	Dr. 873,156	Dr. 251,985	Dr. 181	Dr. 252,166	Dr. 1,125,322	Dr. 7,092,292
Non-operating income - Net:								
Capital gains and losses .....	Dr. 120,000	3,421	Dr. 116,579	6,618	2,310	8,928	Dr. 107,651	Dr. 402,590
Interest and discounts .....	82,921	1,336	84,257	8,115	1,904	10,019	94,276	251,371
Miscellaneous non-operating income ..	Dr. 94,595	Dr. 6,428	Dr. 101,023	5,482	984	6,466	Dr. 94,557	Dr. 290,704
Income before interest expense .....	Dr. 982,452	Dr. 24,049	Dr. 1,006,501	Dr. 231,770	5,017	Dr. 226,753	Dr. 1,233,254	Dr. 7,534,215
Interest expense .....	941,123	42,098	983,221	50,784	12,204	62,988	1,046,209	3,065,186
Income before income taxes .....	Dr. 1,923,575	Dr. 66,147	Dr. 1,989,722	Dr. 282,554	Dr. 7,187	Dr. 289,741	Dr. 2,279,463	Dr. 10,599,401
Provision for income taxes .....	-	-	-	-	1,176	1,176	1,176	6,756
Net income after income taxes .....	Dr. 1,923,575	Dr. 66,147	Dr. 1,989,722	Dr. 282,554	Dr. 8,363	Dr. 290,917	Dr. 2,280,639	Dr. 10,606,157

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



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

March, 1962

	Canadian Pacific Air Lines	Maritime Central Airways	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers .....	3,019,279	75,186	189,118	218,005	131,146	12,013,534	15,646,268	42,533,592
Express .....	14,224	-	8,591	-	1,567	264,583	288,965	834,970
Freight .....	202,792	85,175	44,386	34,538	21,772	605,815	994,478	2,530,240
Excess baggage .....	23,785	997	5,833	6,769	1,526	89,836	128,746	314,759
Mail .....	139,483	22,086	42,141	41,926	21,204	888,328	1,155,168	3,319,532
Total unit toll transportation ..	3,399,563	183,444	290,069	301,238	177,215	13,862,096	18,213,625	49,533,093
Bulk transportation .....	28,986	11,959	175,840	1,199	211,297	37,702	466,983	1,254,035
Total transportation .....	3,428,549	195,403	465,909	302,437	388,512	13,899,798	18,680,608	50,787,128
Other flying services .....	-	-	-	-	-	1,116	1,116	1,821
Total flying services .....	3,428,549	195,403	465,909	302,437	388,512	13,900,914	18,681,724	50,788,949
Non-flying services .....	72,924	7,767	32,276	12,746	1,590	173,612	300,915	707,940
Total operating revenues .....	3,501,473	203,170	498,185	315,183	390,102	14,074,526	18,982,639	51,496,889
Operating expenses:								
Flying operations .....	1,375,202	88,124	194,157	85,622	165,814	3,062,051	4,970,970	14,486,356
Maintenance .....	624,009	51,916	102,905	65,046	155,318	3,419,842	4,419,036	12,454,430
General services and administrations:								
Passenger service .....	339,001	6,733	12,776	4,610	11,054	1,136,985	1,511,159	4,225,709
Aircraft and traffic servicing ....	468,594	38,073	113,267	27,862	6,882	2,311,175	2,965,853	8,693,593
Promotion and sales .....	664,389	6,907	17,057	40,677	26,810	2,163,340	2,919,180	8,298,948
General administration .....	172,127	16,610	37,503	19,298	14,584	601,199	861,321	2,514,665
Totals .....	1,644,111	68,323	180,603	92,447	59,330	6,212,699	8,257,513	23,732,915
Depreciation and amortization .....	237,576	16,434	42,760	30,653	29,566	1,851,287	2,208,276	6,547,786
Total operating expenses .....	3,880,898	224,797	520,425	273,768	410,028	14,545,879	19,855,795	57,221,487
Operating income (loss) .....	Dr. 379,425	Dr. 21,627	Dr. 22,240	41,415	Dr. 19,926	Dr. 471,353	Dr. 873,156	Dr. 5,724,598
Non-operating income - Net:								
Capital gains and losses .....	Dr. 120,000	3,421	-	-	-	-	Dr. 116,579	Dr. 423,514
Interest and discounts .....	21,161	1,326	-	Dr. 26	36	61,760	84,257	234,249
Miscellaneous non-operating income ..	237	46	Dr. 5,497	Dr. 977	-	Dr. 94,832	Dr. 101,023	Dr. 275,513
Income before interest expense .....	Dr. 478,027	Dr. 16,834	Dr. 27,737	40,412	Dr. 19,890	Dr. 504,425	Dr. 1,006,501	Dr. 6,189,376
Interest expense .....	-	5,533	9,944	15,729	10,892	941,123	983,221	2,905,986
Income before income taxes .....	Dr. 478,027	Dr. 22,367	Dr. 37,681	24,683	Dr. 30,782	Dr. 1,445,548	Dr. 1,989,722	Dr. 9,095,362
Provision for income taxes .....	-	-	-	-	-	-	-	-
Net income after income taxes .....	Dr. 478,027	Dr. 22,367	Dr. 37,681	24,683	Dr. 30,782	Dr. 1,445,548	Dr. 1,989,722	Dr. 9,095,362

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company  
March, 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.	1,851	11,738	13,589	766	1,126	1,114	818	3,824	17,413
Revenue hours flown .....	"	3,522	15,039	18,561	845	1,281	832	925	3,883	22,444
Revenue miles scheduled .....	"	1,069,381	4,055,374	5,124,755	29,150	163,298	80,828	38,142	311,418	5,436,173
Revenue miles flown:										
Scheduled services - Regular .....	"	1,054,495	4,010,168	5,064,663	25,835	157,503	80,076	36,640	300,054	5,364,717
Extra section .....	"	3,972	125,476	129,448	1,445	6,679	-	-	8,124	137,572
Non-scheduled services .....	"	47,798	-	47,798	105,149	14,862	69,728	93,780	283,519	331,317
Totals .....	"	1,106,265	4,135,644	5,241,909	132,429	179,044	149,804	130,420	591,697	5,833,606
Ratio of regular miles flown to miles scheduled .....										
		98.6	98.9	...	88.6	96.5	99.1	96.1	...	...
Revenue passengers carried .....	No.	33,254	322,633	355,887	4,821	8,806	7,675	3,798	25,100	380,987
Revenue goods carried:										
Express .....	1b.	59,181	723,239	782,420	-	19,702	207,939	9,853	237,494	1,019,914
Freight .....	"	441,301	3,659,573	4,100,874	857,003	267,617	-	114,646	1,239,266	5,340,140
Excess baggage .....	"	..	..	..	12,479	24,025	38,682	8,759	83,945	83,945
Mail .....	"	171,081	2,562,592	2,733,673	120,948	134,061	349,595	59,271	663,875	3,397,548
Totals .....	"	671,563	6,945,404	7,616,967	990,430	445,405	596,216	192,529	2,224,580	9,841,547
Revenue passenger-miles:										
Scheduled services .....	No.	54,287,970	213,324,503	267,612,473	360,544	2,286,046	1,616,884	338,922	4,602,396	272,214,869
Non-scheduled services .....	"	1,062,749	-	1,062,749	447,649	38,705	855,484	1,057,389	2,399,227	3,461,976
Totals .....	"	55,350,719	213,324,503	268,675,222	808,193	2,324,751	2,472,368	1,396,311	7,001,623	275,676,845
Available seat-miles on scheduled services .....										
	"	109,237,943	345,079,231	454,317,174	682,916	5,603,954	2,809,400	866,436	9,962,706	464,279,880
Passenger load factor on scheduled services .....										
		49.7	61.8	...	52.8	40.8	57.6	39.1	...	...
Revenue goods ton-miles:										
Express - Scheduled services .....	No.	15,463	272,772	288,235	-	6,212	21,684	592	28,488	316,723
Non-scheduled services .....	"	815	-	815	-	-	13,261	1,735	14,996	15,811
Totals .....	"	16,278	272,772	289,050	-	6,212	34,945	2,327	43,484	332,534
Freight - Scheduled services .....	"	574,865	2,352,269	2,927,134	5,787	74,844	-	426	81,057	3,008,191
Non-scheduled services .....	"	1,404	-	1,404	220,861	818	-	21,196	242,875	244,279
Totals .....	"	576,269	2,352,269	2,928,538	226,648	75,662	-	21,622	323,932	3,252,470

See footnotes at end of table.

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

March, 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.	26,936	114,385	141,321	442	3,878	4,368	308	8,996	150,317
Non-scheduled services .....	84	-	84	642	49	3,698	1,224	5,613	5,697
Totals .....	27,020	114,385	141,405	1,084	3,927	8,066	1,532	14,609	156,014
Mail - Scheduled services .....	97,065	1,142,002	1,239,067	4,155	43,818	221	1,832	50,026	1,289,093
Non-scheduled services .....	4,537	-	4,537	9,242	294	28,248	7,227	45,011	49,548
Totals .....	101,602	1,142,002	1,243,604	13,397	44,112	28,469	9,059	95,037	1,338,641
Total - Scheduled services .....	714,329	3,881,428	4,595,757	10,384	128,752	26,273	3,158	168,567	4,764,324
Non-scheduled services .....	6,840	-	6,840	230,745	1,161	45,207	31,382	308,495	315,335
Totals .....	721,169	3,881,428	4,602,597	241,129	129,913	71,480	34,540	477,062	5,079,659
Available ton-miles on scheduled services .....	14,330,161	47,599,154	61,929,315	76,866	700,329	280,108	85,778	1,143,081	63,072,396
Weight load factor on scheduled services(3) .....	42.9	53.0	...	60.4	51.0	67.1	43.2	...	..
Bulk:									
Revenue - Departures .....	10	40	50	66	1,159	3	405	1,633	1,683
Hours flown .....	23	81	104	67	1,160	6	747	1,980	2,084
Miles flown .....	7,662	19,554	27,216	9,507	132,132	932	123,673	266,244	293,460
Passengers carried .....	259	1,019	1,278	420	1,181	25	681	2,307	3,585
Freight carried .....	-	-	-	219,589	2,245,276	-	886,296	3,351,161	3,351,161
Non-transportation services:									
Specialty flying:									
Revenue hours flown .....	-	6	6	-	-	-	-	-	6
Total - All services:									
Traffic, hours and miles: (4)									
Revenue:									
Departures .....	1,861	11,778	13,639	832	2,285	1,117	1,223	5,457	19,096
Hours flown .....	3,545	15,126	18,671	912	2,441	838	1,672	5,863	24,534
Miles flown .....	1,113,927	4,155,198	5,269,125	141,936	311,176	150,736	254,093	857,941	6,127,066
Passengers carried .....	33,513	323,652	357,165	5,241	9,987	7,700	4,479	27,407	384,572
Cargo carried .....	500,482	4,382,812	4,883,294	1,076,592	2,532,595	207,939	1,010,795	4,827,921	9,711,215
Goods carried .....	671,563	6,945,404	7,616,967	1,210,019	2,690,681	596,216	1,078,825	5,575,741	13,192,708

See footnotes at end of table.

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

March, 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.	359	558	917	39	101	21	39	200	1,117
Passengers carried .....	"	1,468	..	..	183	239	115	91	628	..
Goods carried .....	lb.	121,207	..	..	18,765	45,742	-	11,092	75,599	..
Passenger-miles .....	No.	3,399,659	7,988,086	11,387,745	36,792	86,346	32,720	55,446	211,304	11,599,049
Goods ton-miles .....	"	180,015	324,461	504,476	4,275	16,542	-	3,509	24,326	528,802
Fuel consumed:										
Turbo fuel - Quantity .....	gal.	2,922,238	10,849,528	13,771,766	-	-	121,105	-	121,105	13,892,871
Cost .....	\$	444,675	1,462,903	1,907,578	-	-	29,115	-	29,115	1,936,693
Gasoline - Quantity .....	gal.	311,812	29,009	340,821	117,900	189,205	29,504	186,681	523,290	864,111
Cost .....	\$	79,059	9,328	88,387	39,031	86,638	8,944	72,424	207,037	295,424
Oil consumed:										
Turbo aircraft - Quantity ..	gal.	506	2,658	3,164	-	-	435	-	435	3,599
Cost .....	\$	4,269	25,726	29,995	-	-	252	-	252	30,247
Other aircraft - Quantity ..	gal.	3,881	210	4,091	1,127	2,288	433	3,278	7,126	11,217
Cost .....	\$	3,279	178	3,457	1,136	2,860	343	3,278	7,617	11,074
Average number of employees:										
Flying personnel .....	No.	384	1,538	1,922	33	89	35	65	222	2,144
Other personnel .....	"	2,141	10,220	12,361	154	363	249	249	1,015	13,376
Totals .....	"	2,525	11,758	14,283	187	452	284	314	1,237	15,520
Salaries and wages paid:										
Flying personnel .....	\$	319,438	1,347,807	1,667,245	22,294	66,274	22,304	37,547	148,419	1,815,664
Other personnel .....	\$	902,191	4,766,658	5,668,849	52,695	170,044	89,181	103,883	415,803	6,084,652
Totals .....	\$	1,221,629	6,114,465	7,336,094	74,989	236,318	111,485	141,430	564,222	7,900,316

(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

March, 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.	27,259	4,404	8,387	7,675	3,336	280,892
Domestic interline .....	"	3,515	417	-	-	-	41,741
Foreign interline .....	"	2,029	-	-	-	-	-
Totals(2) .....	"	32,803	4,821	8,387	7,675	3,336	322,633
Revenue express carried:							
Originated .....	lb.	59,181	-	19,702	207,939	9,853	723,239
Domestic interline .....	"	-	-	-	-	-	-
Foreign interline .....	"	-	-	-	-	-	-
Totals(2) .....	"	59,181	-	19,702	207,939	9,853	723,239
Revenue freight carried:							
Originated .....	lb.	320,842	830,165	245,409	-	47,019	3,659,573
Domestic interline .....	"	17,128	-	-	-	-	-
Foreign interline .....	"	57,505	-	-	-	-	-
Totals(2) .....	"	395,475	830,165	245,409	-	47,019	3,659,573
Revenue excess baggage carried:							
Originated .....	lb.	..	12,479	23,167	38,682	7,209	..
Domestic interline .....	"	..	-	-	-	-	..
Foreign interline .....	"	..	-	-	-	-	..
Totals(2) .....	"	..	12,479	23,167	38,682	7,209	..
Revenue mail carried:							
Originated .....	lb.	171,081	120,948	127,324	349,595	20,189	2,562,592
Domestic interline .....	"	-	-	-	-	-	-
Foreign interline .....	"	-	-	-	-	-	-
Totals(2) .....	"	171,081	120,948	127,324	349,595	20,189	2,562,592

(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

March, 1962

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures ..... No.	1,883	392	444	100	2,819	11,588	14,407
Revenue hours flown ..... "	2,739	1,440	1,332	666	6,177	13,309	19,486
Revenue miles scheduled ..... "	610,292	641,382	469,518	272,601	1,993,793	3,169,104	5,162,897
Revenue miles flown:							
Scheduled services - Regular ..... "	602,479	635,511	460,488	272,601	1,971,079	3,130,224	5,101,303
Extra sections ..... "	8,933	3,547	51,389	-	63,869	65,579	129,448
Non-scheduled services ..... "	-	-	-	-	-	141,578	141,578
Totals ..... "	611,412	639,058	511,877	272,601	2,034,948	3,337,381	5,372,329
Ratio of regular miles flown to miles scheduled	98.7	99.1	98.1	100.0	98.9	98.8	98.8
Revenue passengers carried ..... No.	...	...	...	...	119,994	239,691	359,685
Revenue cargo carried ..... lb.	...	...	...	...	2,028,782	2,979,011	5,007,793
Revenue mail carried ..... "	...	...	...	...	430,386	2,362,558	2,792,944
Revenue passenger-miles ..... No.	26,204,100	43,629,268	41,076,588	13,214,196	124,124,152	145,947,381	270,071,533
Available seat-miles on scheduled services .... "	40,537,585	78,751,573	58,532,898	31,143,244	208,965,300	246,218,310	455,183,610
Passenger load factor on scheduled services ...	64.6	55.4	70.2	42.4	59.4	59.3	59.3
Revenue goods ton-miles:							
Express ..... No.	45,247	-	-	-	45,247	246,130	291,377
Freight ..... "	199,980	634,820	220,644	250,391	1,305,835	1,644,325	2,950,160
Excess baggage ..... "	12,085	22,111	31,407	5,238	70,841	72,096	142,937
Mail ..... "	35,899	195,209	34,170	36,745	302,023	950,640	1,252,663
Totals ..... "	293,211	852,140	286,221	292,374	1,723,946	2,913,191	4,637,137
Available ton-miles on scheduled services ..... "	5,284,145	11,108,806	8,282,594	4,076,889	28,752,434	33,262,659	62,015,093
Weight load factor on scheduled services(1) ...	55.1	46.9	53.0	39.6	49.2	51.9	50.6

(1) Standard passenger weight used: 200 pounds.

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

March, 1962

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training .....	2,888	53,645	6,565	124,153
Recreational flying .....	914	16,815	2,039	36,137
Aerial photography and survey .....	208	33,791	436	72,008
Aerial photography (excluding survey)	132	10,019	155	10,974
Aerial pest control .....	-	-	-	-
Aerial advertising .....	7	500	17	1,225
Aerial patrol and inspection .....	627	47,207	1,744	128,432
Philanthropic .....	-	-	-	-
Aerial fish cultivation .....	-	-	-	-
Geophysical survey .....	625	56,936	1,703	175,746
Non-transportation charter .....	-	-	29	1,450
Other specialty flying .....	58	6,365	85	15,969
Total specialty flying .....	5,459	225,278	12,773	566,094

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

March, 1962

	Month	Year to date
Revenue hours flown .....	No. 1,235	3,429
Average number of aircraft .....	" 119	119
Average number of employees:		
Flying personnel .....	" 176	180
Other personnel .....	" 121	132
Totals .....	" 297	312
Salaries and wages paid:		
Flying personnel .....	\$ 105,831	319,571
Other personnel .....	\$ 70,257	220,633
Totals .....	\$ 176,088	540,204
Operating revenues:		
Bulk transportation .....	\$ 92,065	415,283
Other flying services .....	\$ 12,996	43,707
Non-flying services .....	\$ 55,400	131,869
Totals .....	\$ 160,461	590,859
Operating expenses:		
Flying operations .....	\$ 127,265	463,117
Maintenance .....	\$ 6,532	226,644
General services and administration .	\$ Cr. 168	179,687
Depreciation and amortization .....	\$ 84,610	252,423
Totals .....	\$ 218,239	1,121,871
Operating income (loss) .....	\$ Dr. 57,778	Dr. 531,012
Net income (deficit) after income taxes	\$ Dr. 61,858	Dr. 542,469

TABLE 9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)  
March, 1962

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation ..... No.	66,718	73,217	139,935	11,533	12,693	24,226
Bulk transportation ..... "	314	247	561	282	227	509
Totals ..... "	67,032	73,464	140,496	11,815	12,920	24,735
Revenue freight, express and excess baggage carried:						
Unit toll transportation ..... lb.	343,499	1,902,093	2,245,592	360,532	970,835	1,331,367
Bulk transportation ..... "	-	-	-	-	-	-
Totals ..... "	343,499	1,902,093	2,245,592	360,532	970,835	1,331,367
Mail carried (unit toll transportation) "	212,617	244,935	457,552	100,847	114,533	215,380
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation ..... No.	8,283	9,738	18,021	86,534	95,648	182,182
Bulk transportation ..... "	-	-	-	596	474	1,070
Totals ..... "	8,283	9,738	18,021	87,130	96,122	183,252
Revenue freight, express and excess baggage carried:						
Unit toll transportation ..... lb.	140,638	85,375	226,013	844,669	2,958,303	3,802,972
Bulk transportation ..... "	-	-	-	-	-	-
Totals ..... "	140,638	85,375	226,013	844,669	2,958,303	3,802,972
Mail carried (unit toll transportation)	9,202	9,368	18,570	322,666	368,836	691,502

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



TABLE 10. Operating Statistics, Canadian Group V Carriers

First Quarter, 1962

	Quarter	Year to date
Number of reporting carriers .....	177	
Bulk transportation:		
Revenue hours flown ..... No.	7,029	
Revenue passengers carried ..... "	13,011	
Revenue goods carried ..... lb.	875,960	
Specialty flying services:		
Revenue hours flown:		
Flying training ..... No.	11,320	
Recreational flying ..... "	1,665	
Aerial photography and survey ..... "	99	
Aerial photography (excluding survey) .. "	-	
Aerial pest control ..... "	45	
Aerial advertising ..... "	-	
Aerial patrol and inspection ..... "	527	
Philanthropic ..... "	-	
Aerial fish cultivation ..... "	-	
Geophysical survey ..... "	-	
Non-transportation charter ..... "	-	
Other specialty flying ..... "	1,578	
Total specialty flying services ... "	15,234	
Total - All services:		
Revenue hours flown ..... "	22,263	
Non-revenue hours flown ..... "	1,528	

TABLE 11. Statement of Income, Canadian Group V Carriers

First Quarter, 1962

	Quarter	Year to date
	dollars	
Operating revenues:		
Bulk transportation .....	344,378	
Other flying services .....	260,701	
Total flying services .....	605,079	
Non-flying services .....	213,456	
Total operating revenues .....	818,535	
Operating expenses:		
Flying operations .....	465,891	
Maintenance .....	198,976	
General services and administration .....	206,495	
Depreciation .....	181,476	
Total operating expenses .....	1,052,838	
Operating income (loss) .....	Dr. 243,303	
Non-operating income - Net .....	Dr. 33,467	
Income before income taxes .....	Dr. 267,770	
Provision for income taxes .....	3,663	
Net income after income taxes .....	Dr. 271,433	

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"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and</li><li>(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).</li></ul>
Bulk Transportation:	<ul style="list-style-type: none"><li>(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</li><li>(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).</li></ul>
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.

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