

CATALOGUE No.

51-001

MONTHLY



Historical File Copy

# CIVIL AVIATION

## NOVEMBER 1963

DOMINION BUREAU  
OF STATISTICS  
APR 23 1964  
PROPERTY OF THE  
LIBRARY

*Published by Authority of*  
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS  
Public Finance and Transportation Division  
Transportation Section

March 1964  
8504-510

Price: 20 cents  
\$2.00 a year

Vol. 23—No. 11

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
<b>Charts:</b>	
Operating Revenues of Canadian Carriers .....	4
Revenue Goods Carried by Canadian Carriers .....	4
 Introduction .....	 5
 <b>Tables:</b>	
1. Operating Statistics, Canadian and Foreign Carriers - All Services	6
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group .....	8
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	9
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	10
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	13
6. Operating Statistics, Canadian International Carriers - Unit Toll Services, by Area of Service .....	14
7. Operating Statistics, Canadian Carriers - Specialty Flying Services, Groups I to IV, by Type of Service .....	15
8. Statistical Summary of Canadian Carriers Operating Helicopters only, Groups I to IV .....	15
9. Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service .....	16
 Civil Aviation Definitions .....	 17

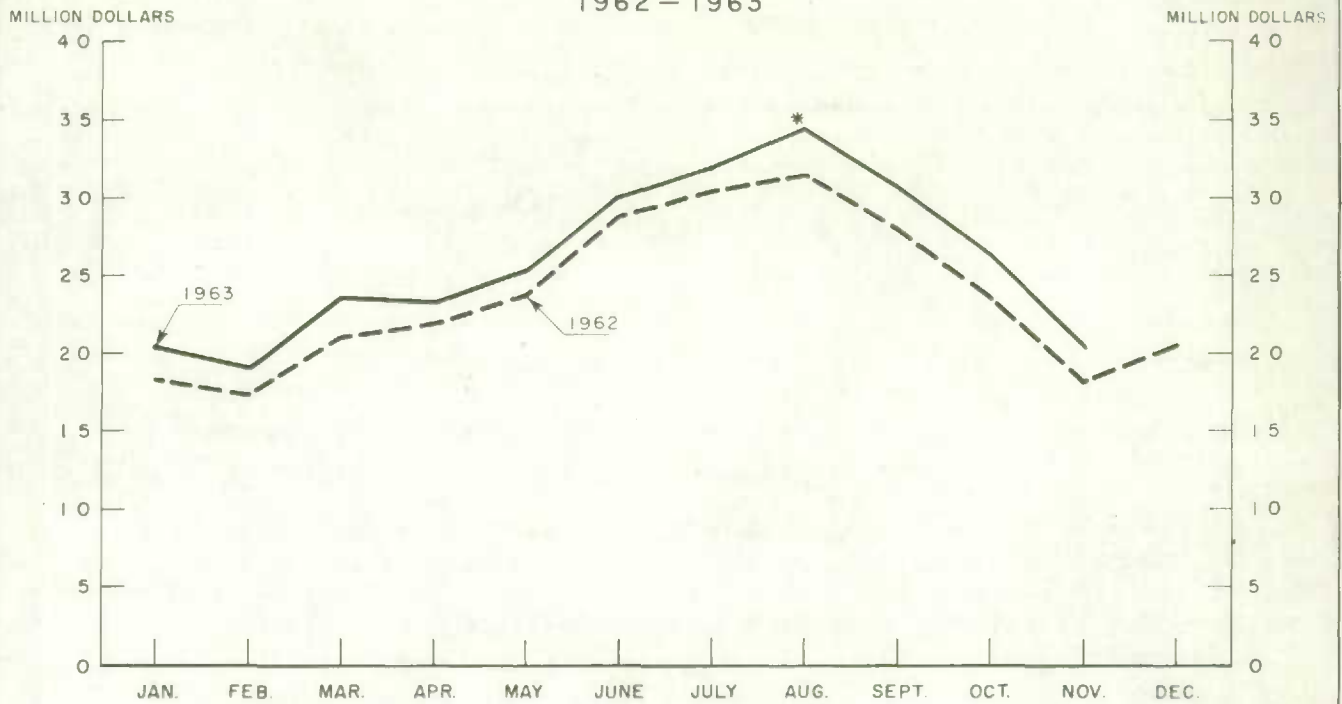
## SYMBOLS

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

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

# OPERATING REVENUE OF CANADIAN AIR CARRIERS

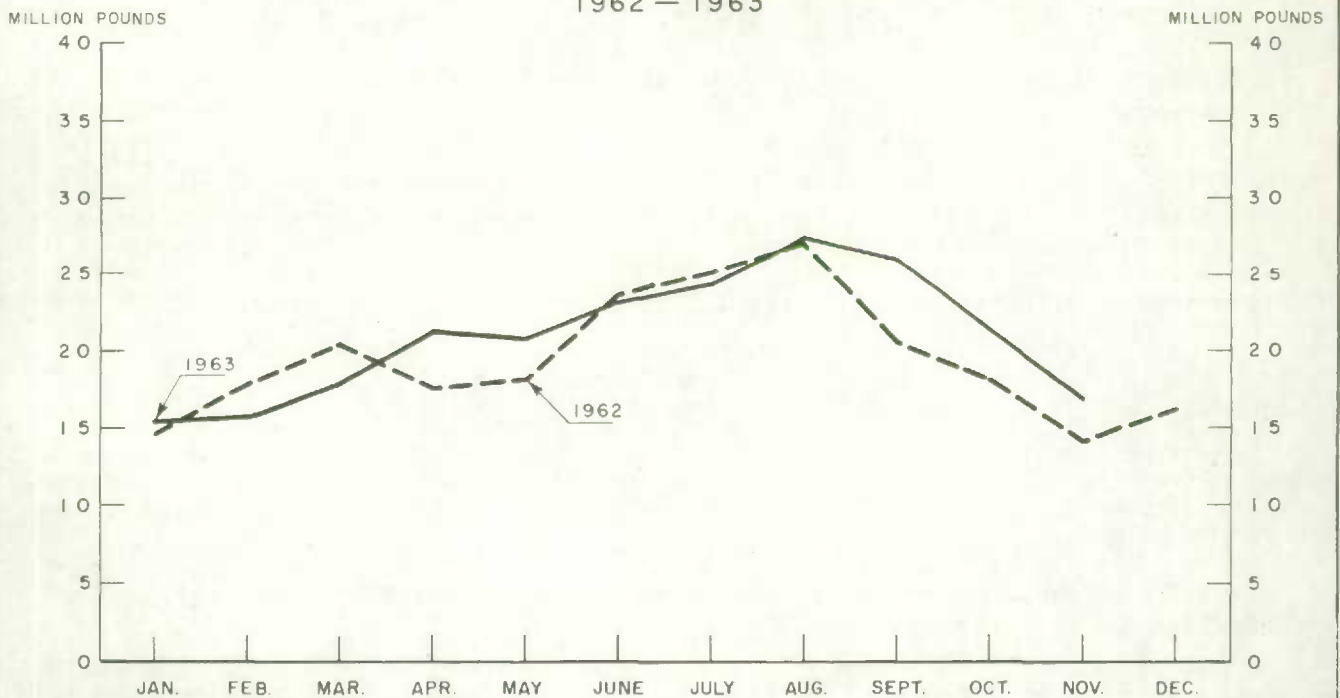
1962 - 1963



\* ALL TIME HIGH FOR SINGLE MONTH.

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS

1962 - 1963



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)



## 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 two Canadian carriers operating international unit toll services: Canadian Pacific Air Lines, and Trans-Canada Air Lines.

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 includes the operations of both Canadian and Foreign carriers, with separate totals for each.

### Review of November Operations

Increases were reported in the transportation of both revenue passengers and goods by Canadian air carriers during the month of November, compared with November 1962. Passengers carried totalled 384,535 an increase of 9.2 per cent and goods transported rose to 8,461 tons, an increase of 19.5 per cent. The revenue miles flown were up 2.8 per cent to 6,356,374.

November operating revenues showed a 13.2 per cent increase over November 1962 to \$20,530,916 while operating expenses rose 4.2 per cent to \$22,421,987. Thus an operating loss of \$1,891,071 was reported. This compares with a loss of \$3,385,351 for the same month the previous year. A net deficit after provision for income taxes of \$2,679,583 was reported as against a deficit of \$4,388,039 in November 1962.

Revenue hours flown by helicopters dropped 1.9 per cent to 982. However, the operating revenues rose 10.4 per cent to \$135,947 while the operating expenses declined 4.9 per cent to \$125,821.

In November the six scheduled carriers transported 362,655 revenue passengers 94.3 per cent of all passengers carried by Canadian services. They also carried 6,466 tons of revenue goods which is 76.4 per cent of the total carried. Operating revenues amounted to \$19,222,000 or 93.6 per cent of all Canadian revenues and operating expenses to \$20,701,579 or 92.3 per cent of the total. Comparable figures in November 1962 are, passengers 93.3 per cent, goods 77.8 per cent, revenues 92.5 per cent and expenses 90.6 per cent.

### The Cumulative View

The eleven months of 1963 compared to the same period in 1962 showed the revenue passengers carried increased 12.5 per cent to 5,516,064, while revenue goods rose 1.9 per cent to 114,207 tons. Operating revenues increased 9.0 per cent to \$287,456,413 while operating expenses increased 5.2 per cent to \$267,492,867.

### Foreign Carriers

Foreign carriers licensed to operate in Canada transported 58,293 revenue passengers during November, an increase of 11.2 per cent over November 1962, while revenue goods carried totalled 1,002 tons, an increase of 3.6 per cent. Foreign carriers licensed to operate in Canada are required to report hours and miles flown over Canadian territory only. Details of passengers in transit have been excluded.

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

November 1963

	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	19	61	80	86	10	9	105	..
Transportation services:									
Unit toll:									
Revenue departures ..... No.	15,715	1,406	622	2,028	17,743	..	..	..	..
Revenue hours flown ..... "	19,522	1,588	283	1,871	21,393	316	776	22,485	289,659
Revenue miles scheduled .... "	4,865,114(4)	...	...	...	4,865,114(4)	81,187	311,722	5,258,023(4)	65,790,227(4)
Revenue miles flown:									
Scheduled services ..... "	4,934,546(4)	...	...	...	4,934,546(4)	77,805	303,530	5,315,881(4)	66,916,825(4)
Non-scheduled services ... "	256,157(4)	202,337	33,533	235,870	492,027(4)	-	-	492,027(4)	7,836,260(4)
Totals ..... "	5,190,703	202,337	33,533	235,870	5,426,573	77,805	303,530	5,807,908	74,752,535
Revenue passengers carried "	357,235	6,114	2,314	8,428	365,663	43,626	14,078	423,367	5,265,839
Revenue goods carried:									
Cargo ..... lb.	8,142,908	492,455	62,959	555,414	8,698,322 )	622,929	1,380,801	10,785,107	109,114,038
Excess baggage ..... "	73,180(5)	4,133	5,742	9,875	83,055(5) )				
Mail ..... "	3,406,262	52,178	17,417	69,595	3,475,857				
Totals ..... "	11,622,350	548,766	86,118	634,884	12,257,234				
Revenue passenger-miles .... No.	246,555,374	1,219,494	108,521	1,328,015	247,883,389✓	1,822,401	12,136,956	261,852,746	3,545,822,204
Revenue goods ton-miles:									
Cargo ..... "	4,792,839	164,972	2,620	167,592	4,960,431✓ )	13,961	542,935	5,730,833	56,236,397
Excess baggage ..... "	211,310	2,091	105	2,196	213,506✓ )				
Mail ..... "	1,514,318	17,148	946	18,094	1,532,412✓				
Totals ..... "	6,518,467	184,211	3,671	187,882	6,706,349				
Bulk:									
Revenue - Departure ..... "	1,581	2,583	5,202	7,785	9,366	..	..	..	..
Hours flown ..... "	1,919	3,111	3,065	6,176	8,095✓	-	27	8,122	240,656
Miles flown ..... "	292,471	315,671	321,659	637,330	929,801	-	10,580	940,381	25,941,666
Passengers carried "	5,420	5,203	8,249	13,452	18,872	-	589	19,461	570,881
Freight carried .. lb.	1,310,042	2,393,671	960,753	3,354,424	4,664,466	-	-	4,664,466	109,334,577
Non-transportation services:									
Specialty flying:									
Revenue hours flown ..... No.	229	1,035	2,737	3,772	4,001	-	-	4,001	79,119

See footnotes at end of table.

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

November 1963

	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.	17,296	3,989	5,824	9,813	27,109	..	..	..
Hours flown .....	"	21,670	5,734	6,085	11,819	33,489	316	803	34,608
Miles flown .....	"	5,483,174	518,008	355,192	873,200	6,356,374	77,805	314,110	6,748,289
Passengers carried .....	"	362,655	11,317	10,563	21,880	384,535	43,626	14,667	442,828
Cargo carried .....	lb.	9,452,950	2,886,126	1,023,712	3,909,838	13,362,788	622,929(7)	1,380,801(7)	15,449,573(7)
Goods carried .....	"	12,932,392	2,942,437	1,046,871	3,989,308	16,921,700	757,338	1,503,565	19,182,603
Non-revenue:									
Hours flown .....	No.	609	827	292	1,119	1,728	2	-	1,730
Passengers carried .....	"	..	81	-	81	..	957	321	..
Goods carried .....	lb.	..	31,332	-	31,332	..	11,694	54,410	..
Passenger-miles .....	No.	14,660,021	99,680	-	99,680	14,759,701	38,463	207,508	15,005,672
Goods ton-miles .....	"	445,148	17,743	-	17,743	462,891	517	16,164	479,572
Fuel consumed:									
Turbo fuel - Quantity .....	gal.	12,892,063	-	7,942	7,942	12,900,005	152,845	2,154,713	15,207,563
Cost .....	\$	1,897,055	-	2,888	2,888	1,899,943	23,418	343,588	2,266,949
Gasoline - Quantity .....	gal.	821,138	313,770	88,830	402,600	1,223,738	98,872	130,324	1,452,934
Cost .....	\$	279,122	145,319	37,693	183,012	462,134	25,461	35,945	523,540
Oil consumed:									
Turbo aircraft - Quantity ..	gal.	5,919	-	2	2	5,921	4	63	5,988
Cost .....	\$	32,177	-	30	30	32,207	24	563	32,794
Other aircraft - Quantity ..	gal.	9,044	3,476	1,069	4,545	13,589	1,050	531	15,170
Cost .....	\$	9,337	5,412	1,610	7,022	16,359	809	403	17,571
Average number of employees:									
Flying personnel .....	No.	2,066	352	243	595	2,661	..	..	..
Other personnel .....	"	13,331	687	462	1,149	14,480	..	..	..
Totals .....	"	15,397	1,039	705	1,744	17,141	219	719	18,079
Salaries and wages paid:									
Flying personnel .....	\$	1,643,328	230,179	119,025	349,204	1,992,532	..	..	..
Other personnel .....	\$	6,290,518	302,549	174,136	476,685	6,767,203	..	..	..
Totals .....	\$	7,933,846	532,728	293,161	825,889	8,759,735	119,491	335,356	9,214,582
									103,647,779

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

(2) See Introduction, page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled refers to the predominating services as some carriers operate the two 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

November 1963

	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 .....	14,638,178	749,463	15,387,641	150,291	22,422	172,713	15,560,354	209,408,180
Express .....	328,858	44,917	373,775	6,222	3,393	9,615	383,390	4,180,947
Freight .....	1,088,751	140,535	1,229,286	66,767	1,438	68,205	1,297,491	12,712,229
Excess baggage .....	94,707	17,090	111,797	3,979	656	4,635	116,432	1,447,233
Mail .....	1,155,343	106,703	1,262,046	24,024	3,912	27,936	1,289,982	13,961,746
Total unit toll transportation ..	17,305,837	1,058,708	18,364,545	251,283	31,821	283,104	18,647,649	241,710,335
Bulk transportation .....	168,967	353,461	522,428	401,851	268,836	670,687	1,193,115	35,442,835
Total transportation .....	17,474,804	1,412,169	18,886,973	653,134	300,657	953,791	19,840,764	277,153,170
Other flying services .....	2,054	23,898	25,952	181,330	76,849	258,179	284,131	4,723,085
Total flying services .....	17,476,858	1,436,067	18,912,925	834,464	377,506	1,211,970	20,124,895	281,876,255
Non-flying services .....	282,244	26,831	309,075	23,006	73,940	96,946	406,021	5,580,158
Total operating revenues .....	17,759,102	1,462,898	19,222,000	857,470	451,446	1,308,916	20,530,916	287,456,413
Operating expenses:								
Flying operations .....	4,365,714	539,870	4,905,584	492,197	229,885	722,082	5,627,666	73,719,397
Maintenance .....	3,957,009	486,897	4,443,906	158,998	196,199	355,197	4,799,103	57,635,448
General services and administration:								
Passenger service .....	1,347,745	44,927	1,392,672	..	..	..	..	..
Aircraft and traffic servicing ....	2,944,262	248,181	3,192,443	..	..	..	..	..
Promotion and sales .....	3,081,835	121,599	3,203,434	..	..	..	..	..
General administration .....	938,671	103,519	1,042,190	..	..	..	..	..
Totals .....	8,312,513	518,226	8,830,739	317,728	148,329	466,057	9,296,796	105,953,886
Depreciation and amortization .....	2,392,759	128,591	2,521,350	150,083	26,989	177,072	2,698,422	30,184,136
Total operating expenses .....	19,027,995	1,673,584	20,701,579	1,119,006	601,402	1,720,408	22,421,987	267,492,867
Operating income (loss) .....	Dr. 1,268,893	Dr. 210,686	Dr. 1,479,579	Dr. 261,536	Dr. 149,956	Dr. 411,492	Dr. 1,891,071	19,963,546
Non-operating income - Net:								
Capital gains and losses .....	17,077	70,395	87,472	Dr. 30,234	Dr. 1,517	Dr. 31,751	55,721	841,132
Interest and discounts .....	146,822	Dr. 43	146,779	1,422	2,050	3,472	150,251	1,298,247
Miscellaneous non-operating income ..	18,115	2,374	20,489	Dr. 8,200	2,339	Dr. 5,861	14,628	114,322
Income before interest expense .....	Dr. 1,086,879	Dr. 137,960	Dr. 1,224,839	Dr. 298,548	Dr. 147,084	Dr. 445,632	Dr. 1,670,471	22,217,247
Interest expense .....	937,993	60,633	998,626	10,248	10,774	21,022	1,019,648	11,740,769
Income before income taxes .....	Dr. 2,024,872	Dr. 198,593	Dr. 2,223,465	Dr. 308,796	Dr. 157,858	Dr. 466,654	Dr. 2,690,119	10,476,478
Provision for income taxes .....	-	-	-	Cr. 2,870	Cr. 7,666	Cr. 10,536	Cr. 10,536	461,198
Net income after income taxes .....	Dr. 2,024,872	Dr. 198,593	Dr. 2,223,465	Dr. 305,926	Dr. 150,192	Dr. 456,118	Dr. 2,679,583	10,015,280

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



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

November 1963

	Canadian Pacific Air Lines	Eastern Provincial Airways(1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	Year to date
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers .....	3,238,410	152,439	239,022	229,463	128,539	11,399,768	15,387,641	205,752,379
Express .....	15,742	879	11,042	31,185	1,811	313,116	373,775	4,056,450
Freight .....	292,343	52,680	67,821	-	20,034	796,408	1,229,286	11,683,825
Excess baggage .....	33,156	3,220	6,269	6,612	989	61,551	111,797	1,367,307
Mail .....	240,033	33,492	44,591	4,096	24,524	915,310	1,262,046	13,161,561
Total unit toll transportation ..	3,819,684	242,710	368,745	271,356	175,897	13,486,153	18,364,545	236,021,522
Bulk transportation .....	73,613	94,967	108,106	1,178	149,210	95,354	522,428	14,380,420
Total transportation .....	3,893,297	337,677	476,851	272,534	325,107	13,581,507	18,886,973	250,401,942
Other flying services .....	-	23,898	-	-	-	2,054	25,952	113,650
Total flying services .....	3,893,297	361,575	476,851	272,534	325,107	13,583,561	18,912,925	250,515,592
Non-flying services .....	71,268	18,380	1,987	4,448	2,016	210,976	309,075	3,438,874
Total operating revenues .....	3,964,565	379,955	478,838	276,982	327,123	13,794,537	19,222,000	253,954,466
Operating expenses:								
Flying operations .....	1,451,737	150,305	192,424	57,433	139,708	2,913,977	4,905,584	60,915,329
Maintenance .....	817,403	146,195	127,735	70,911	142,056	3,139,606	4,443,906	49,271,611
General services and administrations:								
Passenger service .....	350,607	6,759	14,098	5,053	19,017	997,138	1,392,672	17,521,123
Aircraft and traffic servicing ....	514,662	84,909	112,795	26,917	23,560	2,429,600	3,192,443	34,426,492
Promotion and sales .....	820,007	9,883	16,476	49,693	45,547	2,261,828	3,203,434	37,664,377
General administration .....	196,229	22,688	31,317	28,329	21,185	742,442	1,042,190	10,478,924
Totals .....	1,881,505	124,239	174,686	109,992	109,309	6,431,008	8,830,739	100,090,916
Depreciation and amortization .....	200,617	35,709	32,837	32,104	27,941	2,192,142	2,521,350	27,054,983
Total operating expenses .....	4,351,262	456,448	527,682	270,440	419,014	14,676,733	20,701,579	237,332,839
Operating income (loss) .....	Dr. 386,697	Dr. 76,493	Dr. 48,844	6,542	Dr. 91,891	Dr. 882,196	Dr. 1,479,579	16,621,627
Non-operating income - Net:								
Capital gains and losses .....	46,449	-	Dr. 999	71,394	-	Dr. 29,372	87,472	397,204
Interest and discounts .....	63,109	-	-	69	Dr. 112	83,713	146,779	1,257,245
Miscellaneous non-operating income ..	12,025	4,345	Dr. 1,499	249	Dr. 721	6,090	20,489	62,070
Income before interest expense .....	Dr. 265,114	Dr. 72,148	Dr. 51,342	78,254	Dr. 92,724	Dr. 821,765	Dr. 1,224,839	18,338,146
Interest expense .....	-	29,589	10,945	12,915	7,184	937,993	998,626	11,134,562
Income before income taxes .....	Dr. 265,114	Dr. 101,737	Dr. 62,287	65,339	Dr. 99,908	Dr. 1,759,758	Dr. 2,223,465	7,203,584
Provision for income taxes .....	-	-	-	-	-	-	-	155,145
Net income after income taxes .....	Dr. 265,114	Dr. 101,737	Dr. 62,287	65,339	Dr. 99,908	Dr. 1,759,758	Dr. 2,223,465	7,048,439

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

November 1963

		Group I carriers			Group II carriers					Grand total
		Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	Pacific Western Airlines(1)	Quebecair Inc. (1)	Transair Ltd. (1)	Total(1)	
Transportation services:										
Unit toll:										
Revenue departures .....	No.	1,717	10,092	11,809	867	1,145	944	950	3,906	15,715
Revenue hours flown .....	"	3,278	12,611	15,889	664	1,276	688	1,005	3,633	19,522
Revenue miles scheduled .....	"	1,078,868	3,423,756	4,502,624	24,718	172,076	72,196	93,500	362,490	4,865,114
Revenue miles flown:										
Scheduled services - Regular .....	"	1,072,504	3,350,341	4,422,845	23,642	153,213	65,918	91,020	333,793	4,756,638
Extra section .....	"	1,002	147,097	148,099	-	16,465	2,687	10,657	29,809	177,908
Non-scheduled services .....	"	45,024	-	45,024	97,260	19,900	49,987	43,986	211,133	256,157
Totals .....	"	1,118,530	3,497,438	4,615,968	120,902	189,578	118,592	145,663	574,735	5,190,703
Ratio of regular miles flown to miles scheduled .....										
		99.4	97.9	98.2	95.6	89.0	91.3	97.3	92.1	97.8
Revenue passengers carried .....	No.	33,907	293,604	327,511	5,349	11,603	8,095	4,677	29,724	357,235
Revenue goods carried:										
Express .....	lb.	757,482	923,077	1,680,559	3,495	36,930	156,409	12,974	209,808	1,890,367
Freight .....	"	66,933	5,057,243	5,124,176	447,421	578,932	-	102,012	1,128,365	6,252,541
Excess baggage .....	"	..	..	..	14,292	17,012	35,805	6,071	73,180	73,180(2)
Mail .....	"	210,454	2,755,873	2,966,327	147,597	177,545	32,318	82,475	439,935	3,406,262
Totals .....	"	1,034,869	8,736,193	9,771,062	612,805	810,419	224,532	203,532	1,851,288	11,622,350
Revenue passenger-miles:										
Scheduled services .....	No.	55,181,377	182,214,540	237,395,917	284,176	2,704,980	1,362,463	1,298,840	5,650,459	243,046,376
Non-scheduled services .....	"	922,937	-	922,937	1,343,084	69,774	987,938	185,265	2,586,061	3,508,998
Totals .....	"	56,104,314	182,214,540	238,318,854	1,627,260	2,774,754	2,350,401	1,484,105	8,236,520	246,555,374
Available seat-miles on scheduled services .....										
	"	125,594,665	317,140,835	442,735,500	1,126,116	6,584,925	2,434,516	3,241,487	13,387,044	456,122,544
Passenger load factor on scheduled services .....										
		43.9	57.5	53.6	25.2	41.1	55.9	40.1	42.2	53.3
Revenue goods ton-miles:										
Express - Scheduled services .....	No.	17,234	340,254	357,488	-	10,342	19,819	2,351	32,512	390,000
Non-scheduled services .....	"	842	-	842	840	-	11,062	379	12,281	13,123
Totals .....	"	18,076	340,254	358,330	840	10,342	30,881	2,730	44,793	403,123
Freight - Scheduled services .....	"	1,020,036	3,071,795	4,091,831	1,589	159,198	-	9,095	169,882	4,261,713
Non-scheduled services .....	"	2,925	-	2,925	112,511	1,853	-	10,714	125,078	128,003
Totals .....	"	1,022,961	3,071,795	4,094,756	114,100	161,051	-	19,809	294,960	4,389,716

See footnotes at end of table.

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

November 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada Air Lines	Total	Eastern Provincial Airways (1963)	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.	37,093	160,038	197,131	123	3,219	3,248	1,122	7,712	204,843
Non-scheduled services .....	117	-	117	3,235	40	2,976	99	6,350	6,467
Totals .....	37,210	160,038	197,248	3,358	3,259	6,224	1,221	14,062	211,310
Mail - Scheduled services .....	206,660	1,225,955	1,432,615	3,559	43,444	1,054	5,625	53,682	1,486,297
Non-scheduled services .....	3,595	-	3,595	17,432	203	1,271	5,520	24,426	28,021
Totals .....	210,255	1,225,955	1,436,210	20,991	43,647	2,325	11,145	78,108	1,514,318
Total - Scheduled services .....	1,281,023	4,798,042	6,079,065	5,271	216,203	24,121	18,193	263,788	6,342,853
Non-scheduled services .....	7,479	-	7,479	134,018	2,096	15,309	16,712	168,135	175,614
Totals .....	1,288,502	4,798,042	6,086,544	139,289	218,299	39,430	34,905	431,923	6,518,467
Available ton-miles on scheduled services .....	16,629,228	45,079,352	61,708,580	82,642	959,140	243,187	269,753	1,554,722	63,263,302
Weight load factor on scheduled services(3) .....	40.9	51.1	48.3	40.8	50.7	65.9	54.9	53.3	48.4
Bulk:									
Revenue - Departures .....	No. 15	41	56	591	771	4	159	1,525	1,581
Hours flown .....	" 83	92	175	579	720	6	439	1,744	1,919
Miles flown .....	" 26,068	32,189	58,257	64,317	90,190	820	78,887	234,214	292,471
Passengers carried .....	" 630	1,264	1,894	1,243	1,606	12	665	3,526	5,420
Freight carried .....	lb. -	-	-	119,485	694,959	140	495,458	1,310,042	1,310,042
Non-transportation services:									
Specialty flying:									
Revenue hours flown .....	No. -	7	7	222	-	-	-	222	229
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures .....	No. 1,732	10,133	11,865	1,458	1,916	948	1,109	5,431	17,296
Hours flown .....	" 3,361	12,710	16,071	1,465	1,996	694	1,444	5,599	21,670
Miles flown .....	" 1,144,598	3,529,627	4,674,225	185,219	279,768	119,412	224,550	808,949	5,483,174
Passengers carried .....	" 34,537	294,868	329,405	6,592	13,209	8,107	5,342	33,250	362,655
Cargo carried .....	lb. 824,415	5,980,320	6,804,735	570,401	1,310,821	156,549	610,444	2,648,215	9,452,950
Goods carried .....	" 1,034,869	8,736,193	9,771,062	732,290	1,505,378	224,672	698,990	3,161,330	12,932,392

See footnotes at end of table.



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

November 1963

	Group I carriers			Group II carriers					Grand total
	Canadian Pacific Air Lines	Trans-Canada 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(4) - Concluded:									
Non-revenue:									
Hours flown .....	No. 45	270	315	115	126	16	37	294	609
Passengers carried .....	" 1,546	..	..	290	317	139	130	876	..
Goods carried .....	lb. 106,729	..	..	2,669	42,858	-	16,324	61,851	..
Passenger-miles .....	No. 3,114,460	11,239,647	14,354,107	86,108	114,636	42,939	62,231	305,914	14,660,021
Goods ton-miles .....	" 142,287	282,429	424,716	677	15,208	-	4,547	20,432	445,148
Fuel consumed:									
Turbo fuel - Quantity .....	gal. 2,911,732	9,703,554	12,615,286	81,800	-	135,982	58,995	276,777	12,892,063
Cost .....	\$ 521,969	1,325,160	1,847,129	19,632	-	16,932	13,312	49,876	1,897,005
Gasoline - Quantity .....	gal. 383,696	-	383,696	72,596	210,259	12,588	141,999	437,442	821,138
Cost .....	\$ 107,926	-	107,926	26,860	89,710	2,448	52,178	171,196	279,122
Oil consumed:									
Turbo aircraft - Quantity ..	gal. 412	2,486	2,898	35	-	1,018	1,968	3,021	5,919
Cost .....	\$ 3,371	25,503	28,874	434	-	901	1,968	3,303	32,177
Other aircraft - Quantity ..	gal. 4,901	-	4,901	1,116	2,549	478	-	4,143	9,044
Cost .....	\$ 4,516	-	4,516	1,395	3,186	240	-	4,821	9,337
Average number of employees:									
Flying personnel .....	No. 469	1,328	1,797	67	84	39	79	269	2,066
Other personnel .....	" 2,144	10,057	12,201	292	328	232	278	1,130	13,331
Totals .....	" 2,613	11,385	13,998	359	412	271	357	1,399	15,397
Salaries and wages paid:									
Flying personnel .....	\$ 386,903	1,073,225	1,460,128	44,349	66,796	24,508	47,547	183,200	1,643,328
Other personnel .....	\$ 975,170	4,842,690	5,817,860	119,831	155,445	91,582	105,800	472,658	6,290,518
Totals .....	\$ 1,362,073	5,915,915	7,277,988	164,180	222,241	116,090	153,347	655,858	7,933,846

(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

November 1963

	Canadian Pacific Air Lines	Eastern Provincial Airways(1963)	Pacific Western Airlines	Quebecair Inc.	Transair Ltd.	Trans- Canada Air Lines	Total	
Revenue passengers carried:								
Originated .....	No.	27,584	5,298	11,063	8,095	4,364	252,603	309,007
Domestic interline .....	"	2,859	-	-	-	-	41,001	47,039
Foreign interline .....	"	3,179	-	-	-	-		
Totals(2) .....	"	33,622	5,298	11,063	8,095	4,364	293,604	356,046
Revenue express carried:								
Originated .....	lb.	66,933	3,495	36,930	156,409	12,974	923,077	1,199,818
Domestic interline .....	"	-	-	-	-	-	-	-
Foreign interline .....	"	-	-	-	-	-	-	-
Totals(2) .....	"	66,933	3,495	36,930	156,409	12,974	923,077	1,199,818
Revenue freight carried:								
Originated .....	lb.	625,011	445,432	551,245	-	58,517	5,057,243	6,737,448
Domestic interline .....	"	16,323	-	-	-	-	-	16,323
Foreign interline .....	"	31,735	-	-	-	-	-	31,735
Totals(2) .....	"	673,069	445,432	551,245	-	58,517	5,057,243	6,785,506
Revenue excess baggage carried:								
Originated .....	lb.	..	14,112	16,516	35,805	6,071	..	72,504(3)
Domestic interline .....	"	..	-	-	-	-	..	-
Foreign interline .....	"	..	-	-	-	-	..	-
Totals(2) .....	"	..	14,112	16,516	35,805	6,071	..	72,504(3)
Revenue mail carried:								
Originated .....	lb.	210,454	141,252	174,131	32,318	30,065	2,755,873	3,344,093
Domestic interline .....	"	-	-	-	-	-	-	-
Foreign interline .....	"	-	-	-	-	-	-	-
Totals(2) .....	"	210,454	141,252	174,131	32,318	30,065	2,755,873	3,344,093

(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

November 1963

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Revenue departures ..... No.	1,569	373	281	96	2,319	9,490	11,809
Revenue hours flown ..... "	2,146	1,344	740	631	4,861	11,028	15,889
Revenue miles scheduled ..... "	499,038	577,341	330,555	268,199	1,675,133	2,827,491	4,502,624
Revenue miles flown:							
Scheduled services - Regular ..... "	485,912	567,456	330,143	268,199	1,651,710	2,771,135	4,422,845
Extra sections ..... "	18,124	6,640	17,797	-	42,561	105,538	148,099
Non-scheduled services ..... "	-	-	-	-	-	45,024	45,024
Totals ..... "	504,036	574,096	347,940	268,199	1,694,271	2,921,697	4,615,968
Ratio of regular miles flown to miles scheduled	97.4	98.3	99.9	100.0	98.6	98.0	98.2
Revenue passengers carried ..... No.	...	...	...	...	100,291	227,220	327,511
Revenue cargo carried ..... lb.	...	...	...	...	2,968,441	3,836,294	6,804,735
Revenue mail carried ..... "	...	...	...	...	391,634	2,574,693	2,966,327
Revenue passenger-miles ..... No.	26,607,887	33,660,215	19,947,453	15,514,706	95,730,261	142,588,593	238,318,854
Available seat-miles on scheduled services .... "	43,493,696	72,718,542	46,642,053	33,159,888	196,014,179	246,721,321	442,735,500
Passenger load factor on scheduled services ...	61.2	46.3	42.8	46.8	48.8	57.8	53.8
Revenue goods ton-miles:							
Express ..... No.	60,775	-	-	-	60,775	297,555	358,330
Freight ..... "	282,242	921,627	272,329	425,684	1,901,882	2,192,874	4,094,756
Excess baggage ..... "	18,192	26,885	24,767	11,538	81,382	115,866	197,248
Mail ..... "	35,167	220,285	55,330	106,279	417,061	1,019,149	1,436,210
Totals ..... "	396,376	1,168,797	352,426	543,501	2,461,100	3,625,444	6,086,544
Available ton-miles on scheduled services ..... "	5,326,224	10,197,023	6,470,540	4,316,337	26,310,124	35,398,456	61,708,580
Weight load factor on scheduled services(1) ...	57.4	44.5	36.3	48.5	45.7	50.2	48.3

(1) Standard passenger weight used: 200 pounds.

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

November 1963

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training .....	2,014	36,789	34,077	599,536
Recreational flying .....	676	14,677	12,066	279,903
Aerial photography and survey .....	214	36,413	4,261	670,409
Aerial photography (excluding survey)	44	4,836	1,538	195,232
Aerial pest control .....	41	6,432	2,541	386,125
Aerial advertising .....	5	575	80	6,909
Aerial patrol and inspection .....	472	27,797	13,355	1,213,302
Aircraft rental .....	21	653	394	9,353
Aerial fish cultivation .....	7	945	10	1,240
Geophysical survey .....	370	125,694	8,006	890,559
Non-transportation charter .....	16	5,833	1,185	161,393
Other specialty flying .....	121	23,487	1,606	316,046
Total specialty flying .....	4,001	284,131	79,119	4,730,007

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

November 1963

	Month	Year to date
Revenue hours flown .....	No. 982	47,962
Average number of aircraft .....	" 108	117
Average number of employees:		
Flying personnel .....	" 149	158
Other personnel .....	" 92	107
Totals .....	" 241	265
Salaries and wages paid:		
Flying personnel .....	\$ 91,744	1,191,682
Other personnel .....	\$ 46,891	636,844
Totals .....	\$ 138,635	1,828,526
Operating revenues:		
Bulk transportation .....	\$ 123,883	4,880,970
Other flying services .....	\$ 21,577	532,335
Non-flying services .....	\$ Dr. 9,513	132,859
Totals .....	\$ 135,947	5,546,164
Operating expenses:		
Flying operations .....	\$ 138,623	2,087,381
Maintenance .....	\$ Cr. 154,591	1,444,303
General services and administration .	\$ 94,194	578,540
Depreciation and amortization .....	\$ 47,595	684,892
Totals .....	\$ 125,821	4,795,116
Operating income (loss) .....	\$ 10,126	751,048
Net income (deficit) after income taxes	\$ Dr. 34,847	784,640

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

November 1963

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation ..... No.	62,995	61,995	124,990	7,763	12,057	19,820
Bulk transportation ..... "	308	46	354	508	624	1,132
Totals ..... "	63,303	62,041	125,344	8,271	12,681	20,952
Revenue freight, express and excess baggage carried:						
Unit toll transportation ..... lb.	600,972	2,073,439	2,674,411	498,809	1,295,432	1,794,241
Bulk transportation ..... "	-	-	-	-	-	-
Totals ..... "	600,972	2,073,439	2,674,411	498,809	1,295,432	1,794,241
Mail carried (unit toll transportation) "	121,361	212,573	333,934	112,920	129,364	242,284
	All other areas			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation ..... No.	5,584	4,300	9,884	76,342	78,352	154,694
Bulk transportation ..... "	219	46	265	1,035	716	1,751
Totals ..... "	5,803	4,346	10,149	77,377	79,068	156,445
Revenue freight, express and excess baggage carried:						
Unit toll transportation ..... lb.	164,041	176,041	340,082	1,263,822	3,544,912	4,808,734
Bulk transportation ..... "	-	-	-	-	-	-
Totals ..... "	164,041	176,041	340,082	1,263,822	3,544,912	4,808,734
Mail carried (unit toll transportation) "	17,661	25,553	43,214	251,942	367,490	619,432
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Revenue passengers carried:						
Unit toll transportation ..... No.	47,872	49,118	96,990	28,470	29,234	57,704
Bulk transportation ..... "	840	322	1,162	195	394	589
Totals ..... "	48,712	49,440	98,152	28,665	29,628	58,293
Revenue freight, express and excess baggage carried:						
Unit toll transportation ..... lb.	817,266	1,987,738	2,805,004	446,556	1,557,174	2,003,730
Bulk transportation ..... "	-	-	-	-	-	-
Totals ..... "	817,266	1,987,738	2,805,004	446,556	1,557,174	2,003,730
Mail carried (unit toll transportation) "	174,240	188,019	362,259	77,702	179,471	257,173

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



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.



STATISTICS CANADA LIBRARY  
BIBLIOTHEQUE STATISTIQUE CANADA



1010528356