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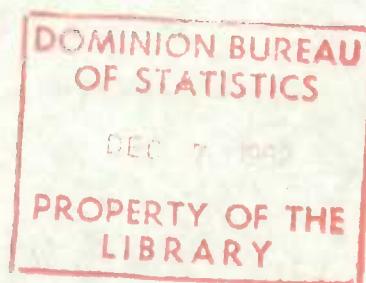
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JULY 1962



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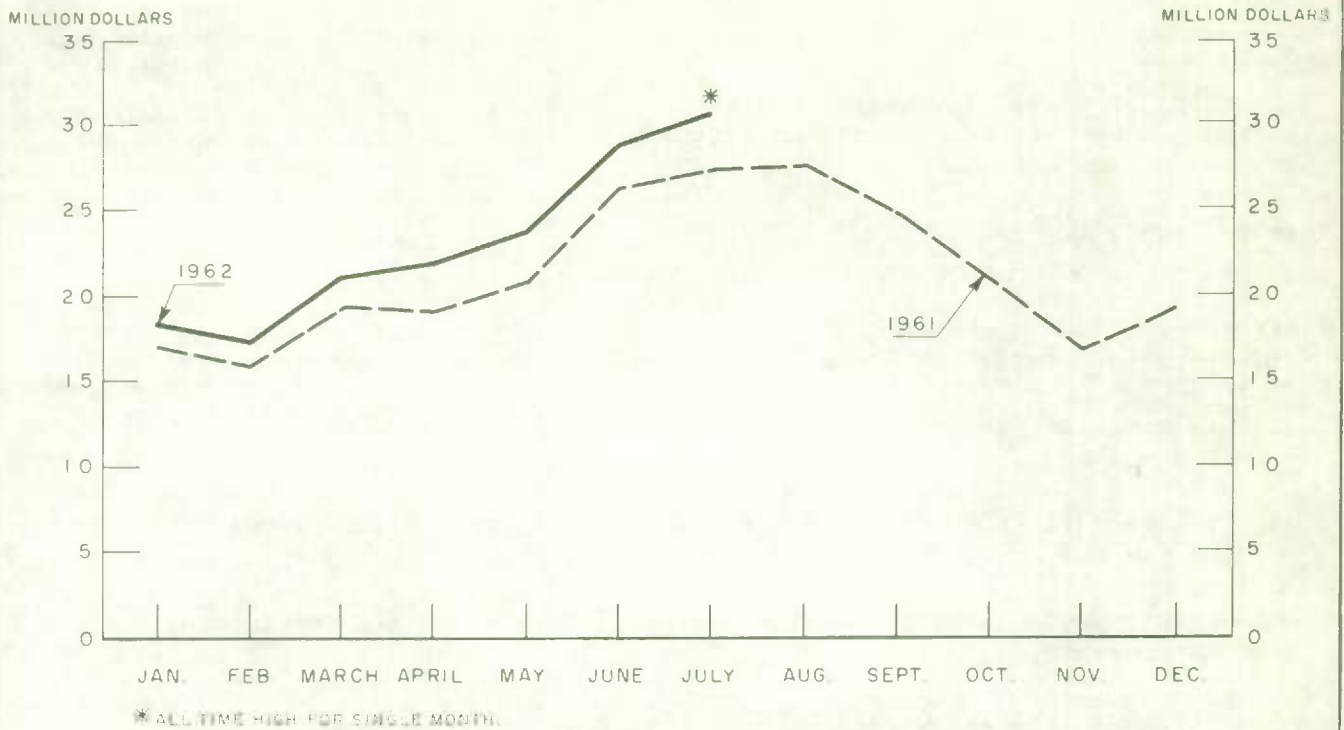
SYMBOLS

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.

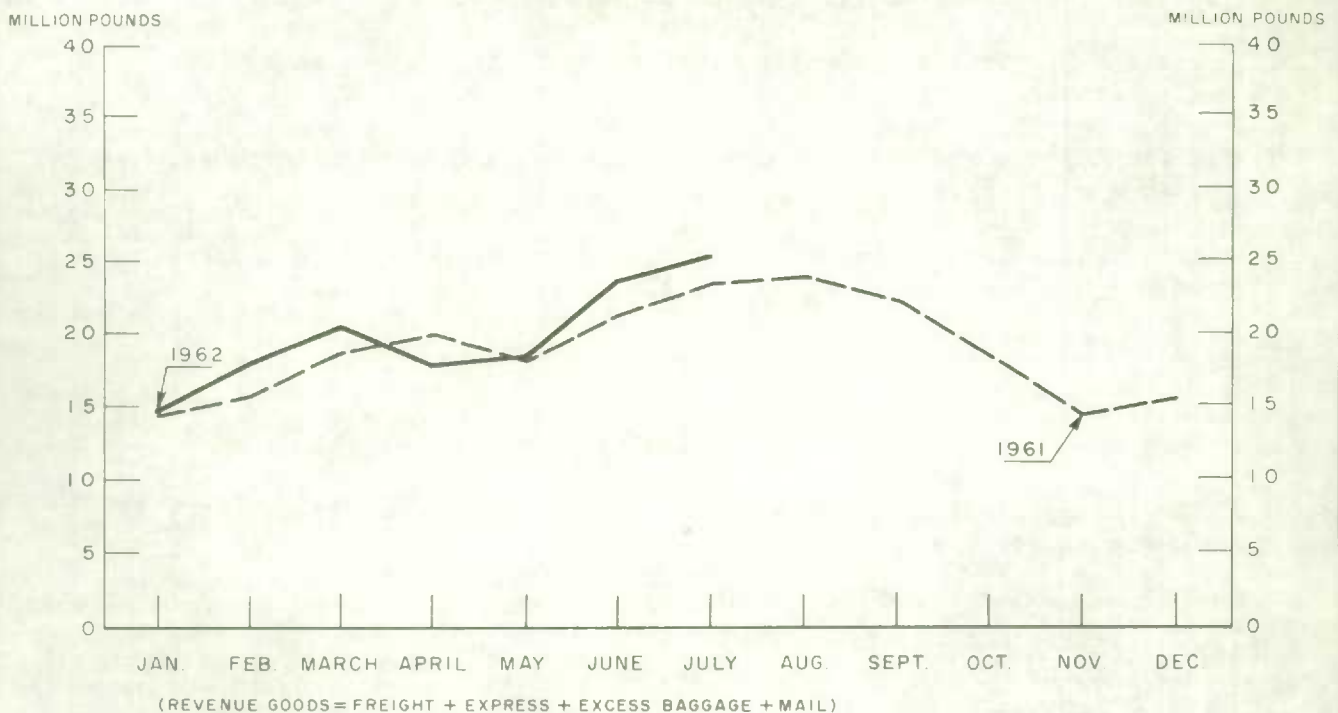
OPERATING REVENUE OF CANADIAN CARRIERS

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. and Eastern Provincial Airways Ltd., which are classified as Group II carriers by the Air Transport Board, have been included with Group III carriers for statistical purposes. Group V comprises the small carriers which are required to file returns on a quarterly basis only. Data on their operations are excluded from industry totals appearing throughout the report.

Domestic and international operations of Canadian carriers are combined in all tables except number 6 which provides a breakdown of domestic and international operations for 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.

Statistics on aircraft owned and leased by Canadian carriers are presented in Table 10 for each group of carriers, by category of aircraft and weight group.

Review of July operations

During the month of July, 1962, Canadian air carriers transported more revenue goods and more revenue passengers than in July of the previous year. Passengers carried rose 8.7 per cent to 519,618 from 477,901 and the volume of goods flown increased 7.2 per cent to 25,027,064 lbs. from 23,354,147 lbs. Revenue miles flown increased 4.4 per cent to 10,703,918 from 10,256,118. Operating revenues rose 12.1 per cent to \$30,430,077 (an all time high for a single month) from \$27,155,067 while operating expenses increased 8.4 per cent to \$25,674,665 from \$23,693,048. As a result, the operating income of \$4,755,412 was substantially higher than that of \$3,462,019 reported in July, 1961 and the net income, after provision for income taxes and other charges, rose to \$3,586,515 from \$2,602,066.

For the first seven months of 1962 both the number of revenue passengers and the volume of revenue goods carried registered significant increases in comparison with the same period a year earlier. Revenue passengers carried increased 11.8 per cent to 3,086,156 from 2,760,783 while revenue goods transported rose 10.6 per cent to 143,313,672 lbs. from 129,996,742 lbs. Operating revenues for the period were up 11.6 per cent to \$162,366,618 from \$145,532,760 and operating expenses rose 7.5 per cent to \$160,293,494 from \$149,053,458.

In July, the six scheduled carriers transported 437,299 revenue passengers or 84.2 per cent of the total number carried and 12,043,777 lbs. of revenue goods or 48.1 per cent of the total. Comparable figures for July, 1961, were 413,116 revenue passengers or 86.4 per cent of the total and 11,014,666 lbs. of revenue goods or 47.2 per cent of the total. The scheduled carriers also accounted for 83.5 per cent of the operating revenues and 85.9 per cent of the operating expenses. Corresponding figures for July of the previous year were 84 per cent and 86.6 per cent respectively.

Table 8 shows data for companies flying helicopters only. These companies operate approximately 70 per cent of all commercial helicopters in Canada. In July, 1962, the revenue hours flown amounted to 10,517, virtually unchanged from the 10,582 hours flown in July, 1961.

Foreign carriers licensed to operate in Canada transported 75,277 revenue passengers compared with 86,141 in July 1961. However, the volume of revenue goods carried rose 16.9 per cent to 1,908,689 lbs. from 1,632,352 lbs. It should be noted that foreign carriers are required to report hours and miles flown over Canadian territory only and passengers and goods in transit are excluded.

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

July 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	22	58	80	86	9	9	104	...
Transportation services:									
Unit toll:									
Revenue departures No.	19,382	3,637	862	4,499	23,881	..	..	..	..
Revenue hours flown "	25,291	3,865	561	4,426	29,717	383	1,302	31,402	194,513
Revenue miles acheduled "	6,181,604	...	...	...	6,181,604	93,192	493,791	6,768,587	41,376,140
Revenue miles flown: :									
Scheduled services "	6,316,883(4)	...	...	...	6,316,883(4)	92,512	502,452	6,911,847(4)	42,089,275(4)
Non-scheduled services ... "	378,269(4)	519,437	70,930	590,367	968,636(4)	-	-	968,636(4)	5,621,414(4)
Totals "	6,695,152	519,437	70,930	590,367	7,285,519	92,512	502,452	7,880,483	47,710,689
Revenue passengers carried "	421,518	17,874	2,989	20,863	442,381	41,537	29,167	513,085	3,276,666
Revenue goods carried:									
Cargo lb.	7,575,927	1,214,931	113,829	1,328,760	8,904,687)			
Excess baggage "	87,113(5)	28,429	9,720	38,149	125,262(5)	)	634,529	1,037,163	10,701,641
Mail "	2,705,066	74,923	17,902	92,825	2,797,891		97,660	139,337	23,838,515
Totals "	10,368,106	1,318,283	141,451	1,459,734	11,827,840		732,189	1,176,500	90,154,612
Revenue passenger-miles No.	353,871,572	4,328,861	219,805	4,548,666	358,420,238	2,336,501	25,219,459	385,976,198	2,124,595,364
Revenue goods ton-miles:									
Cargo "	3,378,477	321,532	2,735	324,267	3,702,744)			
Excess baggage "	143,351	10,531	411	10,942	154,293	)	19,724	353,428	4,230,189
Mail "	1,090,501	22,167	837	23,004	1,113,505		2,013	64,804	1,180,322
Totals "	4,612,329	354,230	3,983	358,213	4,970,542		21,737	418,232	5,410,511
Bulk:									
Revenue - Departure "	3,975	14,319	16,254	30,573	34,548	..	..	..	..
Hours flown "	4,637	19,236	13,565	32,801	37,438	1	172	37,611	134,210
Miles flown "	759,190	1,353,791	1,305,418	2,659,209	3,418,399	72	49,770	3,468,241	13,632,678
Passengers carried "	15,781	31,144	30,312	61,456	77,237	94	4,479	81,810	286,731
Freight carried .. lb.	1,675,671	8,032,178	3,491,375	11,523,553	13,199,224	-	-	13,199,224	63,740,410
Non-transportation services:									
Specialty flying:									
Revenue hours flown No.	12	3,695	7,759	11,454	11,466	-	-	11,466	49,840

See footnotes at end of table.

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

July 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.	23,357	17,956	17,116	35,072	58,429	..	..	80,479	378,563
Hours flown	"	29,940	26,796	21,885	48,681	78,621	384	1,474	11,348,724	61,343,367
Miles flown	"	7,454,342	1,873,228	1,376,348	3,249,576	10,703,918	92,584	552,222	594,895	3,563,397
Passengers carried	"	437,299	49,018	33,301	82,319	519,618	41,631	33,646	23,900,865(7)	130,056,507(7)
Cargo carried	lb.	9,251,598	9,247,109	3,605,204	12,852,313	22,103,911	634,529(7)	1,037,163(7)	26,935,753	153,895,022
Goods carried	"	12,043,777	9,350,461	3,632,826	12,983,287	25,027,064	732,189	1,176,500		
Non-revenue:										
Hours flown	No.	425	986	649	1,635	2,060	1	21	2,082	15,463
Passengers carried	"	..	520	34	554	..	619	4,720	..	..
Goods carried	lb.	..	60,648	-	60,648	..	4,965	65,025	..	..
Passenger-miles	No.	18,545,913	268,634	2,835	271,469	18,817,382	35,366	855,430	19,708,178	99,402,721
Goods ton-miles	"	599,794	23,101	-	23,101	622,895	235	22,873	646,003	4,327,048
Fuel consumed:										
Turbo fuel - Quantity	gal.	16,623,668	98,364	-	98,364	16,722,032✓	179,623	2,880,232	19,781,887	117,505,776
Cost	\$	2,432,853	17,559	-	17,559	2,450,412	37,888	425,350	2,913,650	17,029,013
Gasoline - Quantity	gal.	885,056	1,026,756	303,369	1,330,125	2,215,181✓	22,987	300,510	2,538,678	13,558,109
Cost	\$	316,968	406,754	140,582	547,336	864,304	6,636	70,303	941,243	4,824,492
Oil consumed:										
Turbo aircraft - Quantity ..	gal.	4,058	6	-	6	4,064✓	3	124	4,191	29,509
Cost	\$	37,323	108	-	108	37,431	5	1,029	38,465	262,940
Other aircraft - Quantity ..	gal.	9,978	11,921	6,424	18,345	28,323✓	38	2,481	30,842	159,759
Cost	\$	10,212	21,969	8,061	30,030	40,242	29	1,714	41,985	192,541
Average number of employees:										
Flying personnel	No.	2,248	609	299	908	3,156	..	..	..	..
Other personnel	"	13,837	936	558	1,494	15,331	..	..	..	..
Totals	"	16,085	1,545	857	2,402	18,487	165	792	19,444	18,828
Salaries and wages paid:										
Flying personnel	\$	1,655,397	419,486	173,095	592,581	2,247,978	..	..	..	..
Other personnel	\$	6,318,257	424,494	204,495	628,989	6,947,246	..	..	..	..
Totals	\$	7,973,654	843,980	377,590	1,221,570	9,195,224	81,091	326,649	9,602,964	63,867,814

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

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

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

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

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

(7) Includes excess baggage.

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

July 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	20,270,378	947,236	21,217,614	459,244	40,663	499,907	21,717,521	120,265,665
Express	314,622	47,728	362,350	14,099	1,688	15,787	378,137	2,373,277
Freight	718,062	187,972	906,034	161,586	7,141	168,727	1,074,761	6,961,707
Excess baggage	112,076	19,988	132,064	10,929	787	11,716	143,780	888,221
Mail	964,368	81,863	1,046,231	29,926	4,410	34,336	1,080,567	8,190,528
Total unit toll transportation ..	22,379,506	1,284,787	23,664,293	675,784	54,689	730,473	24,394,766	138,679,398
Bulk transportation	903,129	542,053	1,445,182	2,201,821	1,033,054	3,234,875	4,680,057	17,207,538
Total transportation	23,282,635	1,826,840	25,109,475	2,877,605	1,087,743	3,965,348	29,074,823	155,886,936
Other flying services	2,976	-	2,976	498,296	258,316	756,612	759,588	2,987,844
Total flying services	23,285,611	1,826,840	25,112,451	3,375,901	1,346,059	4,721,960	29,834,411	158,874,780
Non-flying services	298,216	8,250	306,466	137,661	151,539	289,200	595,666	3,491,838
Total operating revenues	23,583,827	1,835,090	25,418,917	3,513,562	1,497,598	5,011,160	30,430,077	162,366,618
Operating expenses:								
Flying operations	5,496,063	583,714	6,079,777	1,302,435	420,455	1,722,890	7,802,667	44,809,251
Maintenance	4,244,488	379,351	4,623,839	745,657	225,370	971,027	5,594,866	35,841,652
General services and administration:								
Passenger service	1,613,853	48,028	1,661,881	..	..	..	..	..
Aircraft and traffic servicing	2,890,801	197,467	3,088,268	..	..	..	..	..
Promotion and sales	3,372,937	106,527	3,479,464	..	..	..	..	..
General administration	801,910	110,782	912,692	..	..	..	..	..
Totals	8,679,501	462,804	9,142,305	444,181	162,260	606,441	9,748,746	62,111,801
Depreciation and amortization	2,061,079	136,851	2,197,930	207,425	123,031	330,456	2,528,386	17,530,790
Total operating expenses	20,481,131	1,562,720	22,043,851	2,699,698	931,116	3,630,814	25,674,665	160,293,494
Operating income (loss)	3,102,696	272,370	3,375,066	813,864	566,482	1,380,346	4,755,412	2,073,124
Non-operating income - Net:								
Capital gains and losses	-	Dr. 37,364	Dr. 37,364	13,416	684	14,100	Dr. 23,264	Dr. 174,858
Interest and discounts	132,305	2,181	134,486	1,192	1,783	2,975	137,461	674,964
Miscellaneous non-operating income ..	Dr. 91,845	Dr. 76,099	Dr. 167,944	Dr. 7,970	598	Dr. 7,372	Dr. 175,316	Dr. 751,842
Income before interest expense	3,143,156	161,088	3,304,244	820,502	569,547	1,390,049	4,694,293	1,821,388
Interest expense	971,466	37,893	1,009,359	58,867	24,156	83,023	1,092,382	7,352,809
Income before income taxes	2,171,690	123,195	2,294,885	761,635	545,391	1,307,026	3,601,911	Dr. 5,531,421
Provision for income taxes	-	145	145	5,285	9,966	15,251	15,396	34,114
Net income after income taxes	2,171,690	123,050	2,294,740	756,350	535,425	1,291,775	3,586,515	Dr. 5,565,535

(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

July 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	4,056,769	126,086	314,834	306,394	199,922	16,213,609	21,217,614	117,749,339
Express	22,863	-	7,939	37,771	2,018	291,759	362,350	2,259,095
Freight	192,040	115,498	45,089	-	27,385	526,022	906,034	6,294,222
Excess baggage	20,056	1,171	8,809	7,434	2,574	92,020	132,064	831,616
Mail	136,775	20,265	41,292	2,412	17,894	827,593	1,046,231	7,640,363
Total unit toll transportation ..	4,428,503	263,020	417,963	354,011	249,793	17,951,003	23,664,293	134,774,635
Bulk transportation	795,071	19,431	224,233	2,851	295,538	108,058	1,445,182	5,286,975
Total transportation	5,223,574	282,451	642,196	356,862	545,331	18,059,061	25,109,475	140,061,610
Other flying services	-	-	-	-	-	2,976	2,976	19,298
Total flying services	5,223,574	282,451	642,196	356,862	545,331	18,062,037	25,112,451	140,080,908
Non-flying services	71,794	12,346	Dr. 10,792	2,286	4,410	226,422	306,466	1,922,160
Total operating revenues	5,295,368	294,797	631,404	359,148	549,741	18,288,459	25,418,917	142,003,068
Operating expenses:								
Flying operations	1,970,557	86,167	232,771	92,702	172,074	3,525,506	6,079,777	36,488,458
Maintenance	793,207	51,310	118,681	80,181	129,179	3,451,281	4,623,839	30,244,295
General services and administrations:								
Passenger service	391,943	8,056	18,256	5,764	15,952	1,221,910	1,661,881	10,472,640
Aircraft and traffic servicing	486,888	34,919	112,760	24,301	25,487	2,403,913	3,088,268	20,556,447
Promotion and sales	817,073	7,659	21,821	45,330	31,717	2,555,864	3,479,464	21,398,917
General administration	167,506	18,164	41,182	18,565	32,871	634,404	912,692	6,039,338
Totals	1,863,410	68,798	194,019	93,960	106,027	6,816,091	9,142,305	58,467,342
Depreciation and amortization	215,031	16,900	46,011	31,361	42,579	1,846,048	2,197,930	15,347,388
Total operating expenses	4,842,205	223,175	591,482	298,204	449,859	15,638,926	22,043,851	140,547,483
Operating income (loss)	453,163	71,622	39,922	60,944	99,882	2,649,533	3,375,066	1,455,585
Non-operating income - Net:								
Capital gains and losses	-	2,200	Dr. 39,564	-	-	-	Dr. 37,364	Dr. 376,032
Interest and discounts	31,818	2,149	-	4	28	100,487	134,486	653,465
Miscellaneous non-operating income ..	Dr. 5,163	48	Dr. 75,858	Dr. 289	-	Dr. 86,682	Dr. 167,944	Dr. 694,795
Income before interest expense	479,818	76,019	Dr. 75,500	60,659	99,910	2,663,338	3,304,244	1,038,223
Interest expense	-	5,241	10,428	13,043	9,181	971,466	1,009,359	6,884,799
Income before income taxes	479,818	70,778	Dr. 85,928	47,616	90,729	1,691,872	2,294,885	Dr. 5,846,576
Provision for income taxes	-	145	-	-	-	-	145	145
Net income after income taxes	479,818	70,633	Dr. 85,928	47,616	90,729	1,691,872	2,294,740	Dr. 5,846,721

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

July 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.	2,004	13,007	15,011	831	1,273	1,311	956	4,371	19,382
Revenue hours flown	"	3,537	17,426	20,963	851	1,302	1,033	1,142	4,328	25,291
Revenue miles scheduled	"	1,087,066	4,758,534	5,845,600	27,436	179,914	91,004	37,650	336,004	6,181,604
Revenue miles flown:										
Scheduled services - Regular	"	1,080,973	4,717,451	5,798,424	25,445	170,533	90,114	36,850	322,942	6,121,366
Extra section	"	10,114	165,559	175,673	7,189	8,095	-	4,560	19,844	195,517
Non-scheduled services	"	65,008	-	65,008	100,615	15,823	87,118	109,705	313,261	378,269
Totals	"	1,156,095	4,883,010	6,039,105	133,249	194,451	177,232	151,115	656,047	6,695,152
Ratio of regular miles flown to miles scheduled		99.4	99.1	...	92.7	94.8	99.0	97.9	...	...
Revenue passengers carried	No.	43,546	342,538	386,084	6,293	13,475	9,911	5,755	35,434	421,518
Revenue goods carried:										
Express	lb.	103,421	904,898	1,008,319	-	23,495	178,134	17,100	218,729	1,227,048
Freight	"	541,525	4,051,908	4,593,433	1,081,576	432,158	-	241,712	1,755,446	6,348,879
Excess baggage .....	"	..	..	..	10,134	28,126	36,439	12,414	87,113	87,113(2)
Mail	"	170,698	2,211,157	2,381,855	110,879	135,588	21,047	55,697	323,211	2,705,066
Totals	"	815,644	7,167,963	7,983,607	1,202,589	619,367	235,620	326,923	2,384,499	10,368,106
Revenue passenger-miles:										
Scheduled services	No.	69,821,147	271,924,394	341,745,541	449,898	3,550,765	1,827,436	574,322	6,402,421	348,147,962
Non-scheduled services	"	1,578,680	-	1,578,680	928,313	50,826	1,509,720	1,656,071	4,144,930	5,723,610
Totals	"	71,399,827	271,924,394	343,324,221	1,378,211	3,601,591	3,337,156	2,230,393	10,547,351	353,871,572
Available seat-miles on scheduled services	"	124,056,485	439,743,042	563,799,527	833,652	7,503,722	3,119,728	1,028,799	12,485,901	576,285,428
Passenger load factor on scheduled services		56.3	61.8	...	54.0	47.3	58.6	55.8	...	...
Revenue goods ton-miles:										
Express - Scheduled services	No.	27,306	300,776	328,082	-	6,720	18,164	1,408	26,292	354,374
Non-scheduled services	"	869	-	869	-	-	12,759	3,086	15,845	16,714
Totals	"	28,175	300,776	328,951	-	6,720	30,923	4,494	42,137	371,088
Freight - Scheduled services	"	554,756	2,040,306	2,595,062	2,458	113,927	-	1,702	118,087	2,713,149
Non-scheduled services	"	1,800	-	1,800	257,785	1,083	-	33,572	292,440	294,240
Totals	"	556,556	2,040,306	2,596,862	260,243	115,010	-	35,274	410,527	3,007,389

See footnotes at end of table.

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

July 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.	22,977	103,806	126,783	260	4,886	3,449	901	9,496	136,279
Non-scheduled services	67	-	67	973	18	4,199	1,815	7,005	7,072
Totals	23,044	103,806	126,850	1,233	4,904	7,648	2,716	16,501	143,351
Mail - Scheduled services	109,581	914,961	1,024,542	3,996	36,864	289	1,689	42,838	1,067,380
Non-scheduled services	3,965	-	3,965	7,185	279	5,086	6,606	19,156	23,121
Totals	113,546	914,961	1,028,507	11,181	37,143	5,375	8,295	61,994	1,090,501
Total - Scheduled services	714,620	3,359,849	4,074,469	6,714	162,397	21,902	5,700	196,713	4,271,182
Non-scheduled services	6,701	-	6,701	265,943	1,380	22,044	45,079	334,446	341,147
Totals	721,321	3,359,849	4,081,170	272,657	163,777	43,946	50,779	531,159	4,612,329
Available ton-miles on scheduled services	15,707,832	58,910,636	74,618,468	103,112	1,011,792	310,357	109,709	1,534,970	76,153,438
Weight load factor on scheduled services(3)	49.0	51.9	...	50.1	51.1	65.9	57.5	...	...
Bulk:									
Revenue - Departures	No. 140	37	177	72	3,031	7	688	3,798	3,975
Hours flown	" 841	91	932	101	2,448	15	1,141	3,705	4,637
Miles flown	" 270,551	29,192	299,743	15,600	265,186	2,157	176,504	459,447	759,190
Passengers carried	" 5,739	2,152	7,891	1,045	4,826	40	1,979	7,890	15,781
Freight carried	lb. -	-	-	18,971	510,601	-	1,146,099	1,675,671	1,675,671
Non-transportation services:									
Specialty flying:									
Revenue hours flown	No. -	12	12	-	-	-	-	-	12
Total - All services:									
Traffic, hours and miles:(4)									
Revenue:									
Departures	No. 2,144	13,044	15,188	903	4,304	1,318	1,644	8,169	23,357
Hours flown	" 4,378	17,529	21,907	952	3,750	1,048	2,283	8,033	29,940
Miles flown	" 1,426,646	4,912,202	6,338,848	148,849	459,637	179,389	327,619	1,115,494	7,454,342
Passengers carried	" 49,285	344,690	393,975	7,338	18,301	9,951	7,734	43,324	437,299
Cargo carried	lb. 644,946	4,956,806	5,601,752	1,100,547	966,254	178,134	1,404,911	3,649,846	9,251,598
Goods carried	" 815,644	7,167,963	7,983,607	1,221,560	1,129,968	235,620	1,473,022	4,060,170	12,043,777

See footnotes at end of table.

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

July 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. 95	189	284	19	60	16	46	141	425
Passengers carried	" 1,222	..	..	207	246	183	162	798	..
Goods carried	lb. 139,981	..	..	29,499	48,187	-	14,958	92,644	..
Passenger-miles	No. 2,547,640	15,710,991	18,258,631	43,962	99,295	52,036	91,989	287,282	18,545,913
Goods ton-miles	" 186,027	383,553	569,580	7,401	19,203	-	3,610	30,214	599,794
Fuel consumed:									
Turbo fuel - Quantity	gal. 3,596,931	12,880,831	16,477,762	-	-	145,906	-	145,906	16,623,668
Cost	\$ 643,722	1,763,704	2,407,426	-	-	25,427	-	25,427	2,432,853
Gasoline - Quantity	gal. 252,743	22,274	275,017	123,000	233,092	30,209	223,738	610,039	885,056
Cost	\$ 73,891	7,185	81,076	40,992	94,665	10,903	89,332	235,892	316,968
Oil consumed:									
Turbo aircraft - Quantity ..	gal. 499	3,541	4,040	-	-	18	-	18	4,058
Cost	\$ 4,520	32,564	37,084	-	-	239	-	239	37,323
Other aircraft - Quantity ..	gal. 2,995	243	3,238	1,719	2,897	560	1,564	6,740	9,978
Cost	\$ 2,766	208	2,974	1,698	3,621	355	1,564	7,238	10,212
Average number of employees:									
Flying personnel	No. 405	1,604	2,009	34	92	46	67	239	2,248
Other personnel	" 2,113	10,674	12,787	161	375	252	262	1,050	13,837
Totals	" 2,518	12,278	14,796	195	467	298	329	1,289	16,085
Salaries and wages paid:									
Flying personnel	\$ 338,803	1,140,176	1,478,979	22,010	84,737	26,176	43,495	176,418	1,655,397
Other personnel	\$ 985,243	4,918,215	5,903,458	55,479	162,904	93,902	102,514	414,799	6,318,257
Totals	\$ 1,324,046	6,058,391	7,382,437	77,489	247,641	120,078	146,009	591,217	7,973,654

(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 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.	36,623	5,732	13,021	9,911	5,009	280,934	351,230
Domestic interline	"	2,884	561	-	-	-	61,604	68,427
Foreign interline	"	3,378	-	-	-	-	-	-
Totals(2)	"	42,885	6,293	13,021	9,911	5,009	342,538	419,657
Revenue express carried:								
Originated	1b.	103,421	-	23,495	178,134	17,100	904,898	1,227,048
Domestic interline	"	-	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-	-
Totals(2)	"	103,421	-	23,495	178,134	17,100	904,898	1,227,048
Revenue freight carried:								
Originated	1b.	424,732	790,338	414,763	-	68,463	4,051,908	5,750,204
Domestic interline	"	13,898	-	-	-	-	-	13,898
Foreign interline	"	61,610	-	-	-	-	-	61,610
Totals(2)	"	500,240	790,338	414,763	-	68,463	4,051,908	5,825,712
Revenue excess baggage carried:								
Originated	1b.	..	10,134	27,791	36,439	11,142	..	85,506(3)
Domestic interline	"	..	-	-	-	-	..	-
Foreign interline	"	..	-	-	-	-	..	-
Totals(2)	"	..	10,134	27,791	36,439	11,142	..	85,506(3)
Revenue mail carried:								
Originated	1b.	170,698	110,879	132,082	21,047	4,373	2,211,157	2,650,236
Domestic interline	"	-	-	-	-	-	-	-
Foreign interline	"	-	-	-	-	-	-	-
Totals(2)	"	170,698	110,879	132,082	21,047	4,373	2,211,157	2,650,236

(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
July 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.	2,519	601	284	72	3,476	12,491	15,967
Revenue hours flown "	3,599	2,411	819	477	7,306	14,799	22,105
Revenue miles scheduled "	739,206	1,099,337	309,823	216,062	2,364,428	3,518,822	5,883,250
Revenue miles flown:							
Scheduled services - Regular "	726,608	1,098,741	309,823	210,218	2,345,390	3,489,884	5,835,274
Extra sections "	59,083	6,822	5,552	-	71,457	108,776	180,233
Non-scheduled services "	-	-	-	-	-	174,713	174,713
Totals "	785,691	1,105,563	315,375	210,218	2,416,847	3,773,373	6,190,220
Ratio of regular miles flown to miles scheduled	98.3	99.9	100.0	97.3	99.2	99.2	99.2
Revenue passengers carried No.	...	...	...	...	133,219	258,620	391,839
Revenue cargo carried lb.	...	...	...	...	2,483,679	3,376,885	5,860,564
Revenue mail carried ..... "	...	...	...	...	309,171	2,128,381	2,437,552
Revenue passenger-miles No.	34,224,052	78,873,674	18,779,150	10,830,439	142,707,315	202,847,299	345,554,614
Available seat-miles on scheduled services "	52,223,323	143,452,433	37,781,799	25,764,909	259,222,464	305,605,862	564,828,326
Passenger load factor on scheduled services ...	65.5	55.0	49.7	42.0	55.1	65.3	60.6
Revenue goods ton-miles:							
Express No.	59,198	-	-	-	59,198	274,247	333,445
Freight "	266,071	608,240	163,211	220,402	1,257,924	1,374,212	2,632,136
Excess baggage "	11,831	22,982	11,969	4,144	50,926	78,640	129,566
Mail "	37,361	134,152	29,212	42,707	243,432	793,370	1,036,802
Totals "	374,461	765,374	204,392	267,253	1,611,480	2,520,469	4,131,949
Available ton-miles on scheduled services "	6,375,368	19,456,855	4,790,988	3,380,362	34,003,573	40,724,604	74,728,177
Weight load factor on scheduled services(1) ...	59.6	44.5	43.5	40.0	46.7	55.1	51.3

(1) Standard passenger weight used: 200 pounds.

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

July 1962

	Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$
Flying training	3,714	62,771	20,261	352,896
Recreational flying	1,290	27,980	6,411	127,896
Aerial photography and survey	1,317	152,928	3,576	539,237
Aerial photography (excluding survey)	38	822	789	44,215
Aerial pest control	808	123,959	3,229	493,480
Aerial advertising	-	-	53	4,468
Aerial patrol and inspection	1,940	151,164	7,969	679,881
Philanthropic	-	-	-	-
Aerial fish cultivation	-	-	2	158
Geophysical survey	1,389	139,848	5,991	564,202
Non-transportation charter	282	28,750	449	80,249
Other specialty flying	688	115,588	1,110	155,415
Total specialty flying	11,466	803,810	49,840	3,042,097

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

July 1962

	Month	Year to date
Revenue hours flown	No. 10,517	28,090
Average number of aircraft	" 123	118
Average number of employees:		
Flying personnel	" 248	212
Other personnel	" 134	135
Totals	" 382	347
Salaries and wages paid:		
Flying personnel	\$ 165,162	920,995
Other personnel	\$ 81,813	523,374
Totals	\$ 246,975	1,444,369
Operating revenues:		
Bulk transportation	\$ 1,102,134	3,117,027
Other flying services	\$ 124,543	329,778
Non-flying services	\$ 118,347	357,056
Totals	\$ 1,345,024	3,803,861
Operating expenses:		
Flying operations	\$ 359,962	1,491,533
Maintenance	\$ 245,028	1,205,096
General services and administration .	\$ 71,611	446,407
Depreciation and amortization	\$ 107,362	651,036
Totals	\$ 783,963	3,794,072
Operating income (loss)	\$ 561,061	9,789
Net income (deficit) after income taxes	\$ 535,113	Dr. 66,041

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

	United States			Europe		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	75,040	71,508	146,548	25,275	21,662	46,937
Bulk transportation "	97	98	195	6,536	3,568	10,104
Totals "	75,137	71,606	146,743	31,811	25,230	57,041
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	404,957	2,256,995	2,661,952	362,566	921,487	1,284,053
Bulk transportation "	-	-	-	-	-	-
Totals "	404,957	2,256,995	2,661,952	362,566	921,487	1,284,053
Mail carried (unit toll transportation) "	116,751	202,106	318,857	90,757	117,358	208,115
	All others			Totals		
	To	From	Total	To	From	Total
Revenue passengers carried:						
Unit toll transportation No.	4,700	4,411	9,111	105,015	97,581	202,596
Bulk transportation "	-	110	110	6,633	3,776	10,409
Totals "	4,700	4,521	9,221	111,648	101,357	213,005
Revenue freight, express and excess baggage carried:						
Unit toll transportation lb.	123,692	58,830	182,522	891,215	3,237,312	4,128,527
Bulk transportation "	-	-	-	-	-	-
Totals "	123,692	58,830	182,522	891,215	3,237,312	4,128,527
Mail carried (unit toll transportation)	6,688	11,090	17,778	214,196	330,554	544,750

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

TABLE 10. Aircraft owned and leased, Canadian Carriers, by Category of Aircraft and Weight Group,
as at July 15, 1962

Categories of aircraft and weight groups	Groups I and II(1)		Group III(1)		Group IV		Group V		Total	
	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased	Owned	Leased
Number of carriers reporting	6		23		62		259		350	
Helicopters No.	-	-	127	6	38	2	20	-	185	8
Turbo jets "	11	4	-	-	-	-	-	-	11	4
Turbo props:										
300,001 lb. and over No.	-	-	-	-	-	-	1	-	1	-
150,001-300,000 lb. "	-	6	-	-	-	-	-	-	-	6
100,001-150,000 lb. "	22	-	-	-	-	-	-	-	22	-
50,001-100,000 lb. "	49	-	-	-	-	-	-	-	49	-
50,000 lb. and under "	3	-	2	-	-	-	-	-	5	-
Total turbo props "	74	6	2	-	-	-	1	-	77	6
Piston engined:										
Four engines:										
130,001 lb. and over No.	3	-	-	-	-	-	-	-	3	-
100,001-130,000 lb. "	3	-	1	-	-	-	-	-	4	-
70,001-100,000 lb. "	3	1	5	1	-	-	-	-	8	2
50,001- 70,000 lb. "	1	-	2	-	-	-	-	-	3	-
50,000 lb. and under "	-	-	-	-	-	-	-	-	-	-
Total four engines "	10	1	8	1	-	-	-	-	18	2
One or two engines:										
40,001 lb. and over No.	21	-	4	-	-	-	-	-	25	-
25,001-40,000 lb. "	23	1	33	5	10	-	4	2	70	8
20,001-25,000 lb. "	-	-	2	-	1	-	-	-	3	-
15,001-20,000 lb. "	-	-	22	-	4	-	3	-	29	-
10,001-15,000 lb. "	1	-	5	-	3	-	-	-	9	-
7,501-10,000 lb. "	15	3	43	2	34	2	23	1	115	8
5,001- 7,500 lb. "	20	1	55	1	53	3	28	1	156	6
4,001- 5,000 lb. "	-	-	10	2	9	-	7	2	26	4
3,001- 4,000 lb. "	-	-	13	2	24	2	55	4	92	8
2,001- 3,000 lb. "	4	-	35	9	118	11	247	36	404	56
2,000 lb. and under "	1	-	9	1	89	-	400	33	499	34
Total one or two engines .. "	85	5	231	22	345	18	767	79	1,428	124
Grand total "	180	16	368	29	383	20	788	79	1,719	144

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

CIVIL AVIATION DEFINITIONS

Unit Toll Transportation:	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none">(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).
Bulk Transportation:	<ul style="list-style-type: none">(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
Specialty Flying Services:	Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising (Class 7).
Scheduled Carriers:	Carriers operating a scheduled (Class 1) service.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class 1) service.
Classification of Canadian Carriers:	
Group I Carriers:	Trans-Canada Air Lines and Canadian Pacific Air Lines.
Group II Carriers:	All other carriers licensed to perform scheduled (Class I) service plus two major transport carriers: Nordair Ltd. and Eastern Provincial Airways 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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