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AIR TRANSPORT BOARD

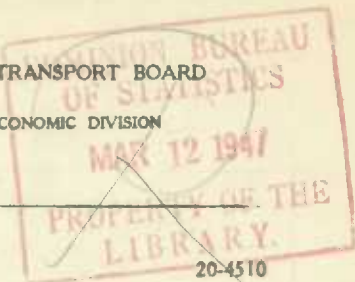
TRANSPORTATION AND PUBLIC UTILITIES BRANCH

ECONOMIC DIVISION

OTTAWA

CIVIL AVIATION

NOVEMBER, 1946



Canadian air carriers transported 57,064 revenue passengers during November as against 39,683 in November 1945. International traffic increased from 17,618 to 22,694 passengers or by 29 per cent, Canadian carriers accounting for 65 per cent of this increase due mainly to the operations on new routes. The Canadian domestic traffic increased by 12,305 passengers or by 56 per cent.

The ratio of revenue passenger miles to available seat miles for the routes, primarily passenger and for which available seat miles were computed, declined on the Canadian Pacific Air Lines from 43.5 per cent in November 1945 to 30.5 per cent, on the Maritime Central from 48.5 to 40.0 per cent, on the Trans-Canada Air Lines (domestic routes) from 78.8 to 62.6 per cent, on T.C.A. international routes from 79.6 to 59.3 per cent and on United States carriers international routes from 61.0 to 47.4 per cent. The aircraft mileages and available seat miles indicate an increase in the average seating capacity per aircraft from 12.1 to 20.5 seats for Canadian Pacific Air Lines, 8.7 to 15.1 for Maritime Central, 12.2 to 15.4 for Trans-Canada Air Lines and 19.7 to 19.9 for the United States lines.

The ratio of aircraft miles flown on scheduled flights to the total of such mileage scheduled was lower than for October. Canadian scheduled carriers flew 90.1 per cent on all routes and 86.9 per cent on international routes, and the United States carriers flew 88.9 per cent on the international routes as against 95.8 per cent, 95.0 per cent and 95.2 per cent respectively in October.

Revenue freight carried by all carriers increased from 438,409 lbs. in 1945 to 988,738 lbs., and the revenue ton miles increased from 59,987 to 111,764. Mail ton miles increased from 122,177 to 127,864 or by 4.6 per cent.

Revenues of Canadian scheduled carriers increased from \$1,147,756 to \$1,433,196 but operating expenses increased from \$1,345,745 to \$1,806,590 so that the operating loss was increased from \$197,989 to \$373,394. For the eleven months the operating loss was \$240,208 in 1946 and \$271,172 in 1945; these amounts do not include interest and other income items. Non-scheduled carriers reported an operating loss of \$76,366 for November as against \$11,393 in November 1945; operations in November are difficult for aircraft using the northern lakes.

The number of employees, including all employees of Canadian carriers and employees of United States carriers who live in Canada increased from 4,577 in 1945 to 6,388 and their salaries and wages increased from \$821,686 to \$1,219,290.

1/5/47

Price per year \$1.50

CIVIL AVIATION

Line No.		Canadian Carriers - Scheduled				
		Canadian Pacific Air Lines	M & C Aviation	Maritime Central	Trans-Canada Air Lines	Total Scheduled Canadian Carriers (A+B+C+D)
		A	B	C	D	E
	<u>REVENUES</u>					
1.	Passenger \$	159,605	54	12,073	619,822	791,554
2.	Mail \$	104,308	225	11,292	291,959	407,784
3.	Goods \$	43,119	118	499	33,148	76,884
4.	Chartered Services \$	41,770	90	518	-	42,378
5.	Other Transportation \$	12,599	-	-	-	12,599
6.	All Other \$	12,033	83	27	89,854	101,997
7.	Total 1946 \$	373,434	570	24,409	1,054,785	1,453,198
8.	" 1945 \$	313,310	6,315	22,457	805,674	1,147,756
	<u>EXPENSES</u>					
9.	Aircraft Operation and Maintenance \$	207,546	3,571	20,566	756,751	988,434
10.	Ground Operation and Maintenance \$	138,151	1,469	8,731	396,595	544,946
11.	Traffic \$	16,178	309	1,237	119,710	137,434
12.	General Administration \$	70,444	314	2,996	56,396	130,150
13.	General Taxes \$	841	46	84	4,655	5,626
14.	Total 1946 \$	433,160	5,709	33,614	1,334,107	1,806,590
15.	" 1945 \$	407,416	8,189	29,648	900,492	1,345,745
16.	Net Operating Revenues 1946 \$	Dr. 59,726	Dr. 5,139	Dr. 9,205	Dr. 299,324	Dr. 373,394
17.	" " " 1945 \$	Dr. 94,106	Dr. 1,874	Dr. 7,191	Dr. 94,818	Dr. 197,989
18.	Operating Ratio - Per Cent 1946	116.0	1,001.6	137.7	128.6	126.1
19.	" " " " 1945	130.0	130.0	132.0	111.8	117.3
20.	Miles of Licensed Routes	26,107	540	956	6,742	34,345
21.	Aircraft Miles Scheduled	326,888	1,345	49,329	1,350,787	1,728,349
22.	" " Flown - Revenue	342,466	1,505	42,422	1,217,226	1,603,619
23.	" " " - Non-revenue	24,299	66	513	141,959	166,837
24.	" " " - Total 1946	366,765	1,571	42,935	1,359,185	1,770,456
25.	" " " - " 1945	332,054	2,630	29,594	920,397	1,284,675
26.	Passengers Carried - Revenue - Originated	8,089	15	1,678	28,671	38,453
27.	" Received from Air Carriers in Canada	-	-	219	1,797	2,016
28.	" Company Employees	381	-	11	1,691	2,083
29.	" Other Non-revenue	4	-	5	40	49
30.	Total 1946	8,474	15	1,913	32,199	42,601
31.	" 1945	7,700	37	1,719	17,405	26,861
32.	Goods Carried - Originated - Revenue lbs.	612,229	1,133	12,008	123,835	749,205
33.	" Received from Air Carriers in Canada	5,203	-	1,695	17,003	23,899
34.	" Non-revenue	61,967	-	-	52,688	114,655
35.	Total 1946	679,399	1,133	13,701	193,526	887,759
36.	" 1945	233,539	3,990	7,476	145,701	390,706
37.	Mail Carried (lbs.) 1946	127,353	2,109	23,329	246,894	399,685
38.	" " " 1945	77,753	1,796	27,587	229,324	336,460
39.	Passenger Miles - Revenue	1,804,827	1,236	168,193	11,639,837	13,614,093
40.	" " - Company Employees	143,180	-	2,302	862,123	1,007,605
41.	" " - Other Non-revenue	1,173	-	673	13,658	15,504
42.	Total 1946	1,949,180	1,236	171,174	12,515,621	14,637,211
43.	" 1945	1,614,549	1,930	123,585	8,303,693	10,043,757
44.	Available Seat Miles (8)	1,585,042	-	420,894	18,797,518	20,803,454
45.	Ratio of Revenue Passenger Miles to Available Seat Miles (8) Per Cent	30.5	-	40.0	61.3	59.0

NOVEMBER, 1946

Non-Scheduled Canadian Carriers	Total Canadian Carriers (E+F)	International Routes			Non-Commercial Canadian Carriers	Grand Total (G+I+K)	Line No.
		Canadian (included in E)	Foreign	Total (H+I)			
F	G	H	I	J	K	L	
1,413	792,967	138,828					1.
1,215	408,999	27,771					2.
689	77,573	5,298					3.
30,474	72,852	-					4.
12,193	24,792	-					5.
7,990	109,987	18,621					6.
53,974	1,437,170	190,518	Collected		Collected		7.
22,221	1,169,977	171,640					8.
89,404	1,077,838	163,701	Not Collected		Not Collected		9.
19,707	564,653	91,004					10.
5,111	142,545	25,263					11.
15,931	146,081	15,006					12.
187	5,813	946					13.
130,340	1,936,930	295,920					14.
33,314	1,579,359	173,315					15.
Dr. 73,366	Dr. 449,760	Dr. 105,402					16.
Dr. 11,393	Dr. 209,382	Dr. 7,675					17.
241.5	130.2	155.3					18.
151.3	117.9	104.5					19.
285	34,630	2,331	(1) 1,025	(1) 3,356	-	(1) 35,655	20.
6,852	1,735,201	312,171	109,137	421,308	-	1,844,338	21.
176,512	1,780,131	271,231	97,012	368,243	-	1,877,143	22.
20,768	187,605	2,905	1,793	4,698	2,213	191,611	23.
197,280	1,967,736	274,136	98,805	372,941	2,213	2,068,754	24.
65,743	1,350,418	161,239	62,095	223,334	900	1,413,413	25.
3,000	41,453	7,083	(2) 15,611	(2) 22,694	-	(2) 57,064	26.
-	2,016	662	447	1,109	-	2,463	27.
69	2,152	265	265	548	50	2,487	28.
85	134	8	39	47	-	173	29.
3,154	45,755	8,016	(2) 16,382	(2) 24,398	50	(2) 62,187	30.
1,601	28,462	3,867	(13) 14,023	(13) 17,890	45	(13) 42,530	31.
123,179	872,584	32,707	(3) 116,354	(3) 149,061	-	(3) 988,738	32.
-	23,899	7,740	855	8,595	-	24,754	33.
1,200	115,955	2,947	18,692	21,639	5,767	140,314	34.
124,379	1,012,138	43,394	(3) 135,901	(3) 179,295	5,767	(3) 1,153,906	35.
58,338	449,044	20,694	(11) 80,488	(11) 101,182	7,644	(11) 537,176	36.
10,253	409,938	25,701	(4) 76,934	(4) 102,895	-	(4) 486,932	37.
9,411	345,871	17,866	(12) 57,915	(12) 75,781	-	(12) 403,786	38.
177,714	13,791,843	2,384,836	915,174	3,300,010	-	14,707,017	39.
8,365	1,015,973	78,680	21,047	99,727	3,816	1,040,836	40.
8,239	23,803	1,954	1,996	3,950	-	25,799	41.
194,408	14,831,619	2,465,470	938,217	3,403,687	3,816	15,773,652	42.
54,086	10,098,441	1,625,584	764,427	2,390,011	2,190	10,865,058	43.
-	20,803,454	4,315,098	1,929,873	6,244,971	-	22,733,327	44.
-	-	55.3	47.4	52.8	-	-	45.

CIVIL AVIATION

Line No.		Canadian Carriers - Scheduled				
		Canadian Pacific Air Lines	M & C Aviation	Maritime Central	Trans-Canada Air Lines	Total Scheduled Canadian Carriers (A+B+C+D)
		A	B	C	D	E
46.	Ton Miles - Goods - Revenue	53,654	115	548	45,221	99,538
47.	" " " - Non-revenue	11,983	-	-	24,590	36,573
48.	" " " - Total _____ 1946	65,637	115	548	69,811	136,111
49.	" " " " _____ 1945	30,607	192	262	49,375	80,436
50.	" " - Mail _____ 1946	20,266	109	802	97,319	118,496
51.	" " " _____ 1945	15,063	182	1,058	102,715	119,018
52.	Total Load Ton Miles (9) _____ 1946	280,821	348	18,468	1,418,693	1,718,330
53.	" " " " (9) _____ 1945	207,125	567	13,678	982,459	1,203,829
54.	Hours Flown by Aircraft - Revenue	2,453	16	337	7,114	9,920
55.	" " " " - Non-revenue	182	1	7	1,134	1,324
56.	" " " " - Other	13	-	-	-	13
57.	" " " " - Total _____ 1946	2,648	17	344	8,248	11,257
58.	" " " " - " _____ 1945	2,379	40	272	5,931	8,622
59.	" " " Crew _____ 1946	5,843	17	660	23,707	30,227
60.	" " " " _____ 1945	5,393	40	519	17,123	23,075
61.	" " " Passengers _____ 1946	14,106	13	1,476	73,574	89,169
62.	" " " " _____ 1945	11,185	21	1,049	49,986	62,241
63.	Number of Employees _____ 1946	1,319	39	61	4,449	5,868
64.	" " " _____ 1945	1,013	31	57	3,258	4,359
65.	Salaries and Wages _____ 1946	233,174	5,582	10,828	872,880	1,122,464
66.	" " " _____ 1945	172,694	4,475	9,707	588,861	775,737
67.	Gasoline Consumed (Gallons)	153,855	457	14,523	628,019	796,854
68.	Cost of Gasoline Consumed	50,954	183	3,427	147,244	201,808
69.	Oil Consumed (Gallons)	2,383	84	291	7,106	9,864
70.	Cost of Oil Consumed	2,147	67	251	5,311	7,776
<u>AVERAGES</u>						
71.	Aircraft Miles per Hour - Total 24:57 Miles	139	92	125	165	157
72.	Revenue Passengers per Aircraft Mile 39:22 No.	5.3	.8	4.0	9.6	8.5
73.	Revenue Goods per Rev. Aircraft Mile 46:22 Lbs.	313	153	26	74	124
74.	Mail per Aircraft Mile 50:22 "	118	145	38	160	148
75.	Load per Aircraft Mile 52:24 Tons	.77	.22	.43	1.04	.97
76.	Transportation Rev.per Rev.Aircraft Mile (7-6):22	1.06	.32	.57	.78	.83
77.	Total Revenue per Aircraft Mile 7:24	1.02	.36	.57	.76	.81
78.	Expenses per Aircraft Mile 14:24	1.18	3.63	.78	.98	1.02
79.	Revenue Passenger Journey 39:(26+27) Miles	223	82	89	382	336
80.	Ratio of Scheduled Aircraft Miles Flown to Miles Scheduled (10) Per Cent	91.7	100.0	78.3	90.1	90.1

(1) Miles in Canada.

(2) Includes 673 passengers between foreign points.

(3) Includes 23,418 lbs. between foreign points

(4) Includes 23,183 " " " "

(5) Purchased in Canada.

(6) Employees domiciled in Canada.

(7) Exclusive of students - solo.

NOVEMBER, 1946

Non-Scheduled Canadian Carriers	Total Canadian Carriers (E+F)	International Routes			Non-Commercial Canadian Carriers	Grand Total (G+I+K)	Line No.
		Canadian (included in E)	Foreign	Total (H+I)			
F	G	H	I	J	K	L	
3,589	103,127	7,758	8,637	16,395	-	111,764	46.
115	36,688	542	1,976	2,518	164	38,828	47.
3,704	139,815	8,300	10,613	18,913	164	150,592	48.
1,363	81,799	4,561	3,543	8,104	232	85,574	49.
478	118,974	4,551	8,890	13,441	-	127,864	50.
243	119,261	4,399	2,916	7,315	-	122,177	51.
23,623	1,741,953	259,398	113,325	372,723	545	1,855,823	52.
7,075	1,210,904	171,518	82,902	254,420	451	1,294,257	53.
716	10,637	1,605	624	2,229	-	11,261	54.
210	1,554	21	11	32	19	1,564	55.
1,074	1,087	-	-	-	65	1,152	56.
2,000	13,258	1,626	635	2,261	84	13,977	57.
850	9,472	999	406	1,405	41	9,919	58.
1,711	31,938	4,864	2,059	6,923	113	34,110	59.
591	23,666	2,990	1,236	4,226	51	24,953	60.
1,715	90,884	14,764	6,229	20,993	48	97,161	61.
390	62,631	10,344	4,965	15,309	17	67,613	62.
282	6,150	-	(6) 139	139	99	6,388	63.
58	4,417	29	(6) 70	99	90	4,577	64.
46,758	1,169,222	-	(6) 28,392	28,392	21,676	1,219,290	65.
11,142	786,879	5,149	(6) 15,922	21,071	18,885	821,686	66.
25,886	822,740	116,227	(5) 80,893	197,120	1,565	905,198	67.
7,997	209,805	19,738	-	19,738	-	209,805	68.
467	10,331	1,444	(5) 238	1,682	36	10,605	69.
484	8,260	1,093	-	1,093	-	8,260	70.
99	148	169	156	165	-	-	71.
1.0	7.8	8.8	9.4	9.0	-	-	72.
41	116	57	178	89	-	-	73.
5.4	134	34	183	73	-	-	74.
.12	.89	.35	1.15	1.00	-	-	75.
.26	.77	.63	-	-	-	-	76.
.27	.76	.69	-	-	-	-	77.
.36	.38	1.08	-	-	-	-	78.
59	317	308	(1) 57	-	-	-	79.
100.0	90.2	86.9	88.3	87.4	-	-	80.

(8) For routes for which available seat miles are compiled.

(9) Total Goods ton-miles (48) + total mail ton-miles (50) + one-tenth passenger miles (42)
(200 lbs. per passenger and baggage).

(10) Includes scheduled flights only.

(11) Includes 6,584 lbs. between foreign points.

(12) Includes 13,417 lbs. between foreign points.

(13) Includes 499 passengers between foreign points.

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