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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

AIR TRANSPORT BOARD
ECONOMIC DIVISION

CIVIL AVIATION

20-4510

FEBRUARY, 1947

Air carriers transported during February 43,413 revenue passengers on scheduled routes, 5,423 in chartered service and 225 in contract service, or a total of 49,061 as compared with 44,176 scheduled, and 3,252 chartered and contract, or a total of 47,428 in February 1946. The decrease for scheduled routes was all on international routes by foreign carriers.

The Trans-Canada Air Lines reported an increase of 49 per cent on its international routes but this was not as great as the additional capacity provided on new routes and by larger aircraft; the available seat miles increased by over 100 per cent. The decrease on the foreign lines was made despite an increase of 57 per cent in available seat miles. The revenue passenger load factor was light for all scheduled carriers, the weather undoubtedly being an important factor in the decrease.

Revenue miles flown in scheduled service included both regular and extra flights and sections in 1946 so that a correct ratio of flights completed to flights scheduled is not available, but in 1947 a separation of these flights was made and the ratios were 89 per cent for Canadian Pacific Air Lines, 83 per cent for Maritime Central and 87 per cent for Trans-Canada Air Lines.

Canadian carriers reported a total revenue of \$1,481,075 as against \$1,369,015 in February 1946. This increase was all earned by non-scheduled carriers, the number of which was greatly increased. Operating expenses increased from \$1,521,045 to \$2,156,940 and the loss from operation was increased from \$152,030 to \$675,865. The Maritime Central showed a net revenue of \$3,401 as against a loss of \$562 in 1946, but the other two scheduled carriers showed greater losses. The non-scheduled carriers reported a loss from operation but reduced the operating ratio (ratio of expenses to revenues) from 137.6 to 131.0 per cent. Revenue freight carried increased by 37 per cent and the ton miles increased by 36 per cent. These increases were made by the non-scheduled carriers. Mail ton miles also increased by 1.8 per cent.

The number of employees of Canadian carriers and Canadian employees of foreign carriers increased from 4,808 to 5,695 or by 18.4 per cent, and the pay roll increased from \$879,879 to \$1,085,548 or by 23.4 per cent.

CIVIL AVIATION, FEBRUARY, 1947

		Canadian Pacific Air Lines		Maritime Central		Trans-Canada Air Lines	
		1947	1946	1947	1946	1947	1946
		A		B		C	
	<u>TRANSPORTATION REVENUES</u>						
1.	Scheduled Services - Passenger	151,205	204,043	15,875	14,203	482,064	454,745
2.	" " - Mail	108,625	111,538	13,813	12,018	281,399	316,737
3.	" " - Goods	54,613	82,161	544	459	26,499	20,174
4.	" " - Excess Baggage	2,774	-	64	166	4,039	4,042
5.	" " - Total (1+2+3+4)	317,217	397,742	30,296	26,846	794,001	795,698
6.	Charter Transportation	54,315	66,820	425	1,168	525	-
7.	Contract "	-	-	2,700	(7)	-	-
8.	Total Transportation	371,532	464,562	33,421	28,014	794,526	795,698
9.	Non-transportation Revenue	16,167	733	-	-	-	-
10.	Incidental Revenues - Net	33,733	10,014	15	6	52,124	30,683
11.	Total Revenues - 1947	421,432	475,509	33,436	28,020	846,650	826,381
	<u>EXPENSES</u>						
12.	Aircraft Operation and Maintenance	309,400	308,369	18,577	18,551	710,268	554,124
13.	Ground " " "	167,449	113,607	7,641	6,786	414,131	298,655
14.	Traffic	29,972	13,755	719	479	144,789	60,468
15.	General Administration	56,710	40,009	3,027	2,704	71,038	43,405
16.	General Taxes	2,230	1,961	71	62	5,755	4,047
17.	Total	545,761	477,701	30,035	28,582	1,345,981	960,699
18.	Net Operating Revenue	Dr. 124,329	Dr. 2,392	3,401	Dr. 562	Dr. 499,351	Dr. 134,318
19.	Operating Ratio (17:11)	129.5	100.5	89.8	102.0	159.0	116.3
20.	Ratio of Miles Flown to Miles Scheduled (10) P.C.	89	-	83	-	87	-
21.	Miles Flown - Revenue - Scheduled (Regular and Extra Flights)	310,025	368,821	41,150	31,458	1,078,318	881,060
22.	" " " - Charter	80,663	123,803	481	1,389	480	-
23.	" " " - Contract	-	-	3,302	-	-	-
24.	" " - Total Revenue Transportation	390,688	492,624	44,933	32,847	1,078,798	881,060
25.	" " - Revenue Non-transportation	-	-	-	-	-	-
26.	" " " - Total	390,688	492,624	44,933	32,847	1,078,798	881,060
27.	" " - Non-revenue (x)	36,410	19,037	472	2,299	125,777	112,127
28.	" " - Total (x)	427,098	511,661	45,405	35,146	1,204,575	993,187
29.	Hours Flown - Revenue - Scheduled	2,267	-	363	-	6,389	-
30.	" " " - Charter	666	-	5	-	3	-
31.	" " " - Contract	-	-	37	-	-	-
32.	" " " - Total Transportation	2,933	3,872	405	306	6,392	4,821
33.	" " " - Non-transportation	-	5	-	-	-	-
34.	" " " - Total	2,933	3,877	405	306	6,392	4,821
35.	" " - Non-revenue (x)	261	167	4	25	1,015	840
36.	" " - Total (x)	3,194	4,044	409	329	7,407	5,661

x - All services.

(10) Includes only miles flown on regular scheduled flights.

CIVIL AVIATION, FEBRUARY, 1947

Total Scheduled Canadian Carriers (A+B+C)		Other Canadian Carriers		International Routes						Grand Total		Line No.
1947	1946	1947	1946	Canadian (Included in D)		Foreign (1)		Total		1947	1946	
D		E		F		G		H		I		
						Not Collected	Not Collected					
649,144	672,991	7,084	4,992	93,506	74,020			93,506	74,020	656,228	677,983	1.
403,837	440,293	3,997	3,022	25,826	62,609			25,826	62,609	407,834	443,315	2.
81,656	102,794	3,498	616	4,792	1,838			4,792	1,838	85,154	103,410	3.
6,877	4,208	32	24	789	585			789	585	6,909	4,232	4.
1,141,514	1,220,286	14,611	8,654	124,913	139,052			124,913	139,052	1,156,125	1,228,940	5.
55,265	67,988	110,640	25,027	-	-			-	-	165,905	93,015	6.
2,700	(9)	17,015	(9)	-	-			-	-	19,715	(9)	7.
1,199,479	1,288,274	142,266	33,681	124,913	139,052			124,913	139,052	1,341,745	1,321,955	8.
16,167	733	17,630	3,520	-	-			-	-	33,797	4,253	9.
85,872	40,703	19,661	2,104	12,483	4,136			12,483	4,136	105,533	42,807	10.
1,301,518	1,329,710	179,557	39,305	137,396	143,188			137,396	143,188	1,481,075	1,369,015	11.
1,058,245	881,044	157,555	54,443	158,823	87,071			158,823	87,071	1,195,800	915,487	12.
589,221	419,048	40,552	12,088	94,308	47,830			94,308	47,830	629,773	431,136	13.
175,480	74,702	11,113	1,513	29,341	10,161			29,341	10,161	186,593	76,215	14.
110,775	86,118	25,149	5,879	16,348	7,720			16,348	7,720	135,924	91,997	15.
8,056	6,070	794	140	1,271	536			1,271	536	8,850	6,210	16.
1,921,777	1,468,982	235,165	54,063	300,091	153,318			300,091	153,318	2,156,940	1,521,045	17.
Dr. 620,259	Dr. 137,272	Dr. 55,606	Dr. 14,758	Dr. 162,695	Dr. 10,130			Dr. 162,695	Dr. 10,130	Dr. 675,865	Dr. 152,030	18.
147.7	110.3	131.0	137.6	218.4	107.1			-	-	145.6	111.1	19.
87	-	-	-	89	-	87	-	88	-	87	-	20.
1,429,493	1,281,339	32,861	10,289	251,020	136,935	93,700	60,964	344,720	197,899	1,556,054	1,352,592	21.
81,624	125,192	223,477	108,570	-	-	-	-	-	-	305,101	233,762	22.
3,302	-	51,286	-	-	-	-	-	-	-	34,588	-	23.
1,514,419	1,406,531	287,624	118,859	251,020	136,935	93,700	60,964	344,720	197,899	1,895,743	1,586,354	24.
-	-	142,983	-	-	-	-	-	-	-	142,983	-	25.
1,514,419	1,406,531	450,607	118,859	251,020	136,935	93,700	60,964	344,720	197,899	2,038,726	1,586,354	26.
162,659	135,463	60,806	6,933	3,682	1,203	1,125	2,131	4,807	3,334	224,590	142,527	27.
1,677,078	1,539,994	491,413	125,792	254,702	138,138	94,825	63,095	349,527	201,233	2,263,316	1,728,881	28.
9,019	-	308	-	1,476	776	571	400	2,047	1,176	9,898	400	29.
674	-	2,549	-	-	-	-	-	-	-	3,023	-	30.
37	-	286	-	-	-	-	-	-	-	323	-	31.
9,730	8,999	2,943	798	1,476	776	571	400	2,047	1,176	13,244	10,197	32.
-	5	1,702	474	-	-	-	-	-	-	1,702	479	33.
9,730	9,004	4,645	1,272	1,476	776	571	400	2,047	1,176	14,946	10,676	34.
1,280	1,030	617	70	26	8	8	13	34	21	1,905	1,115	35.
11,010	10,034	5,282	1,342	1,502	784	579	413	2,081	1,197	16,851	11,789	36.

(1) Canadian data only for miles, hours, etc. for Foreign Carriers.

(9) Included with Charter.

CIVIL AVIATION, FEBRUARY, 1947

		Canadian Pacific Air Lines		Maritime Central		Trans-Canada Air Lines	
		1947	1946	1947	1946	1947	1946
		A		B		C	
	<u>Passengers Carried</u>						
	<u>Scheduled Services</u>						
37.	Originated	7,973	11,476	2,225	2,115	22,554	16,898
38.	Received from other Air Carriers	205	-	186	200	1,540	2,177
39.	Total - Scheduled Services	8,178	11,476	2,411	2,315	25,694	19,075
40.	Charter Service	722	942	22	42	82	-
41.	Contract Service	-	-	172	(9)	-	-
42.	Total Revenue Passengers	8,900	12,418	2,605	2,357	25,776	19,075
43.	Company Employees (x)	262	224	22	34	2,558	814
44.	Other Non-revenue Passengers (x)	6	2	14	-	75	61
45.	Total All Passengers (x)	9,168	12,644	2,641	2,391	26,209	19,950
46.	Passenger Miles - Revenue - Scheduled	1,619,183	1,647,548	195,087	176,005	9,046,091	8,725,132
47.	" " " - Charter	107,525	94,725	2,410	3,922	9,840	-
48.	" " " - Contract	-	-	10,696	-	-	-
49.	" " " - Total	1,726,708	1,742,273	206,193	179,927	9,065,931	8,725,132
50.	" " - Company Employees (x)	94,886	75,823	1,680	2,522	1,265,647	581,489
51.	" " - Other Non-revenue Passengers (x)	1,068	350	934	-	21,976	11,480
52.	Total All Passenger Miles (x)	1,822,662	1,818,446	208,807	182,449	10,341,554	9,118,101
53.	Available Seat Miles (7)	1,427,890	973,721	481,811	280,808	18,690,898	11,510,841
54.	Revenue Passenger Load Factor (Scheduled) (50-57) (8)	29.4	69.1	40.1	62.7	48.4	77.1
55.	Goods Carried - Revenue - Originated - Scheduled 1b.	759,459	853,309	11,440	13,449	113,061	105,237
56.	" " - Received from other Air Carriers "	847	3,895	840	998	777	10,830
57.	" " - Total Scheduled "	760,306	857,204	12,280	14,447	113,838	114,067
58.	" " - Charter "	329,050	458,167	-	-	-	-
59.	" " - Contract "	-	-	1,945	-	-	-
60.	" " - Non-revenue (x) "	52,919	39,892	-	-	71,202	33,069
61.	Total All Goods "	1,142,275	1,335,263	14,225	14,447	185,040	147,136
62.	Goods Ton Miles - Revenue - Scheduled	48,392	62,495	600	553	43,032	33,279
63.	" " " " - Charter	21,881	24,375	-	-	-	-
64.	" " " " - Contract	-	-	68	-	-	-
65.	" " " " - Total	70,273	86,870	668	553	43,032	33,279
66.	" " " - Non-revenue (x)	10,972	8,519	-	-	29,834	14,749
67.	" " " - Total (x)	81,245	95,389	668	553	72,866	48,028
68.	Mail Carried - Scheduled "	204,394	153,295	38,260	37,168	247,979	178,051
69.	" Ton Miles "	25,122	21,456	1,727	1,585	93,799	95,758
70.	Gasoline Consumed (x) Gallons	189,640	181,059	15,452	10,959	586,136	418,483
71.	" Cost (x) \$	59,426	62,179	3,666	2,484	139,594	114,324
72.	Lubricating Oil (x) Gallons	3,206	3,739	438	224	6,574	5,663
73.	" Cost (x) \$	2,832	3,655	408	219	5,304	4,433
74.	Average Number of Aircraft (x)	48	-	8	-	47	-
75.	Number of Employees (x)	1,332	1,071	63	61	3,654	3,416
76.	Total Salaries and Wages (x) \$	233,628	187,115	11,084	9,991	725,882	634,567

(x) - All Services.

(7) On Scheduled passenger routes.

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

(9) Included with Charter.

CIVIL AVIATION, FEBRUARY, 1947

Total Scheduled Canadian Carriers (A+B+C)		Other Canadian Carriers		International Routes (11)						Grand Total (D+E+G)		Line No.
				Canadian (included in D)		Foreign (1)		Total				
1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	
D		E		F		G		H		I		
32,552	50,489	584	249	4,237	2,723	(2)10,277	13,438	14,514	16,161	43,413	44,176	37.
1,731	2,377	-	-	594	515	994	518	1,568	1,033	2,725	2,895	38.
34,283	52,866	584	249	4,831	3,238	11,271	13,956	16,102	17,194	46,138	47,071	39.
826	984	4,597	2,268	-	-	-	-	-	-	5,423	3,252	40.
172	(9)	53	(9)	-	-	-	-	-	-	225	(9)	41.
35,281	53,850	5,254	2,517	4,831	3,238	11,271	13,956	16,102	17,194	51,786	50,523	42.
2,642	1,072	257	76	365	81	180	136	545	217	3,079	1,284	43.
95	63	146	43	1	2	22	37	23	39	263	143	44.
38,018	54,985	5,637	2,636	5,197	3,321	11,473	14,129	16,670	17,450	55,126	51,750	45.
10,858,361	10,548,685	54,888	9,233	1,765,079	1,306,651	708,132	707,631	2,473,211	2,014,282	11,621,381	11,265,549	46.
119,775	98,647	305,513	140,059	-	-	-	-	-	-	425,288	236,706	47.
10,696	-	6,072	-	-	-	-	-	-	-	16,768	-	48.
10,988,832	10,647,332	566,473	149,292	1,765,079	1,306,651	708,132	707,631	2,473,211	2,014,282	12,063,437	11,504,255	49.
1,360,213	459,834	29,802	6,817	109,661	33,014	16,175	10,046	125,836	43,060	1,406,190	476,697	50.
23,978	11,830	13,068	5,351	103	730	1,525	2,020	1,628	2,750	38,571	19,201	51.
12,373,023	11,118,996	409,543	161,460	1,874,843	1,340,395	725,832	719,697	2,600,675	2,060,092	13,508,198	12,000,153	52.
20,600,599	12,565,370			4,003,329	1,970,082	1,912,754	1,218,965	5,916,083	3,189,047			53.
47.1	76.4			44.1	66.3	37.0	58.1	41.8	63.2			54.
883,960	969,995	41,446	22,526	40,729	14,446	(3)94,464	62,172	135,193	76,618	1,019,870	1,054,693	55.
2,464	15,723	-	-	458	2,627	406	277	864	2,904	2,870	16,000	56.
886,424	985,718	41,446	22,526	41,187	17,073	94,870	62,449	156,057	79,522	1,022,740	1,070,693	57.
329,050	438,167	453,652	102,656	-	-	-	-	-	-	782,702	540,823	58.
1,945	-	401,543	-	-	-	-	-	-	-	403,288	-	59.
124,121	72,961	16,202	-	4,000	4,232	4,946	6,506	8,946	10,738	145,269	79,467	60.
1,341,540	1,496,846	912,643	125,182	45,187	21,305	99,816	68,955	145,003	90,260	2,353,999	1,690,983	61.
92,024	96,327	3,995	435	7,859	3,764	5,398	2,591	13,257	6,355	101,417	99,353	62.
21,881	24,375	22,397	2,671	-	-	-	-	-	-	44,278	27,046	63.
68	-	25,658	-	-	-	-	-	-	-	25,726	-	64.
113,973	120,702	52,050	3,106	7,859	3,764	5,398	2,591	13,257	6,355	171,421	126,399	65.
40,806	23,268	723	-	817	1,084	397	380	1,214	1,470	41,926	23,654	66.
154,779	143,970	52,773	3,106	8,676	4,848	5,795	2,977	14,471	7,825	213,347	150,053	67.
490,633	368,514	21,007	18,626	27,291	16,136	(4)67,891	71,742	95,182	87,878	579,531	458,862	68.
120,648	118,799	900	564	4,627	4,021	3,103	3,115	7,730	7,136	124,651	122,478	69.
791,228	610,501	81,369	18,527	107,737	55,167	(5)86,178	83,749	193,915	138,916	958,775	712,777	70.
202,686	178,987	28,435	6,084	17,041	14,205	-	-	-	-	231,121	185,071	71.
10,218	9,626	1,864	462	1,362	839	(5) 644	193	2,006	1,032	12,726	10,281	72.
8,544	8,307	1,912	459	1,111	891	-	-	1,111	-	10,456	8,766	73.
176	-	195	-	74	-	-	-	74	-	371	-	74.
5,049	4,548	516	180	-	-	(6) 130	80	130	80	5,695	4,808	75.
970,594	831,673	85,930	28,789	-	-	(6)29,024	19,417	29,024	19,417	1,085,548	879,879	76.

1947 1946

(2) Includes 601 & 385 passengers between foreign points.
 (3) Includes 14,800 & 10,331 lbs. between foreign points.
 (4) Includes 19,596 & 13,158 lbs. between foreign points.

(5) Purchased in Canada.
 (6) Employees domiciled in Canada.
 (9) Included with charter.
 (11) Does not include trans-oceanic routes.

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