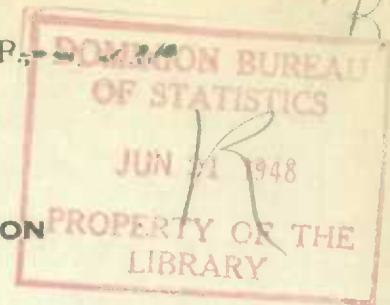


Published by Authority of the Rt. Hon. C. D. Howe, M.P.,
Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES DIVISION
OTTAWA



Dominion Statistician, HERBERT MARSHALL

Director, Transportation and Public Utilities Division, G.S. Wrong

20-1510

CIVIL AVIATION
SUMMARY OF MONTHLY REPORTS
(Preliminary, 1947)

The present report is a first compilation of the monthly data for scheduled and other Canadian carriers as given in the reports issued for each month of 1947. A more complete and revised report based on annual reports from the companies giving general balance sheets, income accounts, labour and accident statistics, etc. appears later in the year. Some adjustments in the published 1946 figures have been required to make them comparable with 1947. The M. & C. Aviation Company was transferred in January, 1947 to non-scheduled. Statistics on the overseas service of Trans-Canada Airlines are not included in Bureau reports on civil aviation.

The four scheduled Canadian air carriers - Canadian Pacific, Maritime Central, Trans-Canada and Central Northern transported 582,102 revenue passengers during 1947, an increase of 36,234 or 6.6 p.c. above 1946. Of these 122,015 were carried on International routes compared with 81,616 in the preceding year. Foreign (U.S.) lines business, however, decreased from 244,838 in 1946 to 200,019 passengers. The grand total of revenue passengers on all routes during 1947 was 893,579 against 855,381 in the previous year, a gain of 4.4 p. c. This compares favorably with the decline of 6 p.c. in the total revenue passengers carried by the railways, which stood at 38,123,000 against 40,488,000 in 1946. Revenue and non-revenue freight carried declined on scheduled lines but that of other carriers increased from 4,262,724 to 14,871,002 lbs. The volume and mileage of mail transported was improved by the post office experimental flights with first class mail, and ton miles were 1,574,424 on scheduled carriers compared with 1,480,821 in the preceding year.

Total revenues of Canadian carriers rose from \$21,987,989 in 1946 to \$26,416,853, up some 20 p.c., but operating expenses soared 26.7 p. c. from \$22,777,440 to \$28,855,079 with all items increasing. The resulting loss on operations rose from a debit of \$789,451 in 1946 to \$2,438,226 and is exclusive of interest on stocks and funded debt as well as other income credits and debits. Expenses averaged 109.2 p.c. of revenues and only in the months of August and September did revenues actually exceed expenses, (December revenues having been distorted by T.C.A. year end adjustments).

The revenue passenger load factor on scheduled Canadian lines dropped to 60.9 p.c. against 74.0 in 1946 while foreign lines serving Canada reported a load factor of only 43.7 against 61.5 p.c. in the preceding year. Efforts are being made to replace this unused lifting capacity with mail or cargo.

The number of employees of all Canadian carriers increased from 5,413 to 5,606, up 3.5 p.c. and pay roll rose from \$12,034,973 to \$13,163,998 or by 9.4 p.c.

Reporting carriers consumed 13,820,101 gallons of gasoline and 182,786 gallons of lubricating oil during 1947 compared with 11,278,759 and 149,829 gallons respectively in 1946. The number of aircraft listed on scheduled flights was 107 while 278 are reported from other Canadian operators. Nearly 94 p.c. of flights scheduled were flown during the year. Both the speed and size of planes in use increased.

CIVIL AVIATION, 1947

Line No.		Canadian Pacific Air Lines		Maritime Central		Trans-Canada Air Lines		Central Northern	
		1947	1946	1947	1946	1947	1946	1947	1946
		A		B		C		D	
	TRANSPORTATION REVENUES								
1.	Scheduled Services - Passenger	2,679,528	3,067,675	167,154	202,480	10,450,522	8,065,477	84,928	
2.	" " - Mail	1,345,307	1,352,356	157,628	146,264	3,808,196	3,780,509	24,346	
3.	" " - Goods	722,922	753,484	7,746	9,846	449,449	505,239	99,587	
4.	" " - Excess Baggage	59,629	-	1,007	1,114	84,911	72,946	1,617	
5.	" " - Total (1+2+3+4)	4,787,386	5,153,515	333,515	359,704	14,793,078	12,224,171	210,476	
6.	Charter Transportation	549,764	1,464,254	77,039	50,157	71,749	-	155,962	
7.	Contract "	-	-	15,171	-	-	-	-	
8.	Total Transportation	5,337,150	6,617,769	423,725	409,861	14,864,827	12,224,171	366,438	
9.	Non-transportation Revenues	447,564	372,998	-	-	10,157	-	-	
10.	Incidental Revenues - Net	422,550	342,228	1,661	1,732	422,363	586,634	4,210	
11.	Total Revenues	6,207,264	7,332,995	425,386	411,593	15,297,347	12,810,805	370,648	
	EXPENSES								
12.	Aircraft Operation and Maintenance	4,067,477	4,608,879	235,124	249,774	9,051,796	7,890,355	217,896	
13.	Ground " " "	1,908,630	1,657,626	93,115	89,416	5,119,336	4,202,581	58,440	
14.	Traffic	356,910	253,760	15,377	12,345	1,901,421	1,161,822	7,429	
15.	General Administration	490,825	456,502	66,658	58,553	710,690	650,882	56,518	
16.	General Taxes	23,962	16,643	1,049	1,017	75,438	58,321	1,264	
17.	Total	6,847,804	6,993,410	411,323	391,105	16,858,681	13,943,939	321,346	
18.	Net Operating Revenues	Dr. 640,540	339,585	14,063	20,488	Dr. 1,561,354	Dr. 1,133,154	49,302	
19.	Operating Ratio (17-11)	110.5	95.4	96.7	95.0	110.2	108.8	86.7	
20.	Ratio of Miles Flown to Miles Scheduled (10) P.C.	93.5	-	88.7	-	94.1	-	76.5	
21.	Miles Flown - Revenue - Scheduled (Regular and extra flights)	3,911,371	4,595,258	410,136	504,777	15,453,222	14,148,271	240,648	
22.	" " " - Charter	627,619	2,218,649	76,469	65,542	72,449	14,106	225,778	
23.	" " " - Contract	-	-	9,372	-	-	-	-	
24.	" " - Total Revenue Transportation	4,538,990	6,813,907	495,977	570,319	15,525,671	14,162,377	464,426	
25.	" " - Revenue Non-transportation	172,669	-	-	-	17,814	-	-	
26.	" " - Total	4,711,659	6,813,907	495,977	570,319	15,543,485	14,162,377	464,426	
27.	" " - Non-revenue (x)	365,634	380,568	14,917	20,522	1,164,193	1,702,293	27,247	
28.	" " - Total (x)	5,077,293	7,194,475	510,894	590,841	16,707,678	15,864,670	491,673	
29.	Hours Flown - Revenue - Scheduled	27,770	-	3,659	-	91,960	-	2,504	
30.	" " " - Charter	4,990	-	621	-	404	-	2,291	
31.	" " " - Contract	-	-	89	-	-	-	-	
32.	" " " - Total Transportation	32,760	52,019	4,369	4,638	92,364	79,825	4,595	
33.	" " " - Non-transportation	1,130	894	-	-	99	-	-	
34.	" " " - Total	33,890	52,913	4,369	4,638	92,463	79,825	4,595	
35.	" " - Non-revenue (x)	2,706	2,961	118	196	8,627	13,440	276	
36.	" " - Total (x)	3,412	5,922	1,487	2,134	101,090	23,265	4,871	

(x) All Services.

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

CIVIL AVIATION, 1947

Line No.	Total Scheduled Canadian Carriers (A+B+C+D)		Other Canadian Carriers		International Routes						Grand Total (E+F+H)	
					Canadian (included in E)		Foreign (1)		Total			
	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946
	K		F		G		H		I		J	
1.	13,382,110	11,335,632	188,917	49,734							13,571,027	11,385,366
2.	5,335,477	5,259,129	26,872	19,344							5,362,349	5,278,473
3.	1,279,704	1,068,569	40,938	14,695							1,320,642	1,083,264
4.	127,164	74,060	507	85							127,671	74,145
5.	20,124,455	17,737,390	257,234	83,858							20,381,689	17,821,248
6.	854,514	1,514,411	2,576,193	927,761							3,430,707	2,442,172
7.	13,171	-	195,560	(9)							208,731	-
8.	20,992,140	19,251,801	5,028,987	1,011,619							24,021,127	20,263,420
9.	457,721	372,998	625,928	289,307							1,083,649	662,705
10.	850,784	950,594	461,293	131,670							1,312,077	1,082,264
11.	22,300,645	20,555,393	4,116,208	1,432,596							26,416,853	21,987,989
12.	13,572,292	12,748,988	3,168,997	1,009,963							16,741,289	13,758,949
13.	7,179,521	5,949,623	595,728	203,775							7,775,249	6,153,398
14.	2,281,137	1,427,927	128,879	59,413							2,409,816	1,487,342
15.	1,304,491	1,125,937	508,037	170,811							1,812,528	1,296,748
16.	101,713	75,981	16,484	5,022							118,197	81,003
17.	24,439,154	21,328,454	4,415,925	1,448,988							28,855,079	22,777,440
18.	Dr. 2,138,509	Dr. 773,061	Dr. 299,717	Dr. 16,390							Dr. 2,438,226	Dr. 789,451
19.	109.6	103.8	107.3	101.1							109.2	103.6
20.	93.8	-	-	-							-	-
21.	20,015,377	19,248,306	397,211	143,871	3,290,216	2,872,535	1,456,602	1,053,076	4,746,818	3,925,611	21,869,190	20,445,253
22.	1,000,315	2,298,297	5,138,611	3,101,020	-	224	-	-	-	224	6,138,926	5,399,317
23.	9,372	-	463,533	(9)	-	-	-	-	-	-	472,905	-
24.	21,025,064	21,546,603	5,999,355	3,244,891	3,290,216	2,872,759	1,456,602	1,053,076	4,746,818	3,925,835	28,491,021	25,344,570
25.	190,483	-	3,519,737	-	952	-	-	-	952	-	3,510,220	-
26.	21,215,547	21,546,603	9,319,092	3,244,891	3,291,168	2,872,759	1,456,602	1,053,076	4,747,770	3,925,835	31,301,241	25,344,570
27.	1,571,991	2,103,383	1,152,319	283,807	53,033	43,714	12,610	37,029	65,643	80,743	2,736,920	2,424,219
28.	22,787,538	23,649,986	10,471,411	3,528,698	3,344,201	2,916,473	1,469,212	1,090,105	4,813,413	4,006,578	34,758,161	28,268,793
29.	125,693	-	3,607	-	19,835	-	8,870	-	28,705	-	138,170	-
30.	8,306	-	54,088	-	-	-	-	-	-	-	62,394	-
31.	89	-	4,527	-	-	-	-	-	-	-	4,616	-
32.	134,088	136,682	62,222	21,066	19,835	16,563	8,870	6,901	28,705	23,464	205,180	164,649
33.	1,229	894	38,182	15,341	6	-	-	-	6	-	39,411	16,235
34.	135,317	137,578	100,404	36,407	19,841	16,563	8,870	6,901	28,711	23,464	244,531	180,384
35.	11,727	16,397	12,241	2,737	368	289	74	208	442	497	24,042	19,542
36.	147,044	154,173	112,645	39,144	20,209	16,852	8,944	7,109	29,153	23,961	268,633	200,426

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

CIVIL AVIATION, 1947

Line No.		Canadian Pacific Air Lines		Maritime Central		Trans-Canada Air Lines		Central Northern	
		1947	1946	1947	1946	1947	1946	1947	1946
	Passengers Carried	A		B		C		D	
	Scheduled Services								
37.	Originated	111,289	155,524	21,441	25,727	399,143	505,636	5,561	
38.	Received from other Air Carriers	4,805	-	5,506	4,714	27,419	35,506	-	
39.	Total - Scheduled Services	116,094	155,524	24,947	30,441	426,562	537,142	5,561	
40.	Charter Service	4,262	21,161	962	1,566	1,405	54	2,055	
41.	Contract Service	-	-	256	-	-	-	-	
42.	Total Revenue Passengers	120,356	176,685	26,165	32,007	427,967	537,176	7,616	
43.	Company Employees (x)	4,091	5,568	267	319	32,810	13,493	57	
44.	Other Non-revenue Passengers (x)	273	256	175	139	1,232	1,137	-	
45.	Total All Passengers (x)	124,720	180,509	26,607	32,465	462,009	551,806	7,658	
46.	Passenger Miles - Revenue - Scheduled	31,422,141	28,320,375	2,061,002	2,614,557	179,100,028	155,585,971	490,651	
47.	" " " - Charter	585,695	2,195,382	196,222	399,061	708,536	191,348	202,017	
48.	" " " - Contract	-	-	17,088	-	-	-	-	
49.	" " " - Total	32,007,836	30,515,757	2,274,312	3,013,618	179,808,562	155,777,319	692,668	
50.	" " - Company Employees (x)	1,557,676	1,227,545	22,038	28,570	17,118,430	6,758,673	4,674	
51.	" " - Other Non-rev. Passengers (x)	95,530	55,562	14,334	11,105	380,719	242,493	292	
52.	Total All Passenger Miles (x)	33,659,042	31,798,864	2,310,684	3,053,293	197,307,711	162,778,485	697,634	
53.	Available Seat Miles (7)	22,747,771	16,365,628	5,186,758	5,934,534	288,503,511	203,784,271	-	
54.	Rev. Passenger Load Factor (Scheduled) (8)	50.7	55.2	39.7	44.1	62.1	76.3	-	
55.	Goods Carried-Rev.-Originated-Scheduled 1b.	6,429,561	7,571,898	177,871	150,573	1,949,570	1,457,317	623,533	
56.	" " -Rec'd from other Air Carriers "	13,565	43,515	20,256	14,062	21,293	149,320	-	
57.	" " - Total Scheduled "	6,443,126	7,615,413	198,127	164,635	1,970,863	1,606,637	623,533	
58.	" " - Charter "	3,619,999	8,899,328	128,365	131,255	70,452	-	1,597,293	
59.	" " - Contract "	-	-	201,906	-	-	-	-	
60.	" " - Non-revenue (x) "	754,846	664,344	-	-	1,073,258	555,537	5,512	
61.	Total All Goods "	10,817,931	17,179,085	328,291	284,290	3,114,553	2,162,174	1,604,800	
62.	Goods Ton Miles - Revenue - Scheduled	826,144	649,887	8,174	6,187	732,920	513,493	91,547	
63.	" " " " - Charter	339,863	500,847	10,838	21,347	51,185	-	62,465	
64.	" " " " - Contract	-	-	9,139	-	-	-	-	
65.	" " " " - Total	1,166,007	1,150,734	28,251	27,534	784,105	513,493	154,012	
66.	" " " - Non-revenue (x)	168,542	142,180	-	-	485,467	259,503	272	
67.	" " " - Total (x)	1,334,549	1,292,914	28,251	27,534	1,247,572	772,996	154,012	
68.	Mail Carried - Scheduled 1b.	1,889,085	1,722,733	533,544	375,507	3,250,082	2,684,717	118,071	
69.	" Ton Miles "	274,648	255,411	16,351	14,691	1,275,909	1,210,716	7,511	
70.	Gasoline Consumed (x) Gallons	2,462,389	2,632,415	175,613	192,330	8,034,687	6,843,321	132,147	
71.	" Cost (x) \$	787,462	906,985	42,774	46,617	1,887,281	1,669,902	58,042	
72.	Lubricating Oil (x) Gallons	35,720	46,985	3,205	3,945	97,618	82,412	5,910	
73.	" Cost (x) \$	32,284	42,402	2,741	4,113	76,922	64,643	3,524	
74.	Average Number of Aircraft (x)	41	-	2	-	46	-	13	
75.	Number of Employees (x)	1,208	1,221	51	62	3,468	5,859	57	
76.	Total Salaries and Wages (x) \$	2,810,258	2,590,286	138,030	127,291	8,700,990	8,747,408	105,772	

(x) All Services.

(7) On Scheduled passenger routes.

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

- (5) Purchased in Canada.
- (6) Employees domiciled in Canada
- (9) Included with charter
- (11) Includes all traffic to and from foreign stations.

6 Revised.

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010548645