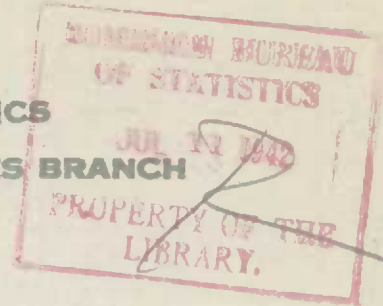


Published by Authority of the Hon. James A. MACKINNON, M.P.,

Minister of Trade and Commerce.

**DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA**



Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

CIVIL AVIATION

FEBRUARY, 1942.

During February commercial air carriers carried 13,247 revenue passengers as against 10,750 in February 1941. The revenue freight carried by air amounted to 867,610 lbs. as against 1,394,738 lbs. in 1941 and mail increased from 263,697 lbs. in 1941 to 299,206 lbs.

Revenue aircraft miles flown decreased from 935,741 in 1941 to 839,561, but passenger miles increased from 2,910,635 to 3,883,667, the average number of revenue passengers per aircraft mile having increased from 3.1 to 4.6.

The average pounds of mail per aircraft mile also increased from 130 lbs. in 1941 to 196 lbs. and the average crew increased from 1.9 to 2.2.

The increased portion of the traffic handled by Trans-Canada airlines and by the International operators with larger aircraft than those flown by the other air carriers, is the chief reason for the increases in the average loadings, speeds, etc. The gasoline consumption of Canadian licensed carriers increased from 40.8 gallons per hour in February 1941 to 47.1, but the consumption per 1,000 h.p. hours was reduced from 43.0 to 38.9 gallons.

Revenues of Canadian licensed carriers amounted to \$666,654 and in February 1941 to \$649,921. Operating expenses increased from \$626,444 to \$719,415, and net operating revenues declined from a credit of \$23,477 to a debit of \$52,761.

SUBJECT TO REVISION

CIVIL AVIATION

Line No.		Licensed Companies	Unlicensed Companies	
4.	Miles Flown by Aircraft - Revenue	771,873	7,041	
5.	" " " " - Non Revenue	17,653	22,322	
6.	" " " " - TOTAL	789,526	29,363	
7.	Passengers Carried - Revenue	9,411	176	
9.	" " " " - Company Employees	202	316	
10.	" " " " - Non Revenue	175	73	
11.	" " " " - TOTAL	9,788	565	
12.	Freight Carried - Revenue (lb.)	839,133	13,445	
14.	" " " " - Non Revenue	28,332	36,170	
15.	" " " " - TOTAL	867,575	49,615	
16.	Mail Carried	257,745	-	
17.	Passenger Miles - Revenue	3,588,771	6,038	
18.	" " " " - Company Employees	78,682	42,668	
19.	" " " " - Non Revenue	86,233	3,394	
20.	" " " " - TOTAL	3,753,686	52,100	
21.	Ton Miles - Freight - Revenue	63,311	204	
22.	" " " " - Non Revenue	8,032	2,898	
23.	" " " " - TOTAL	71,343	3,102	
24.	" " " " - Mail	79,162	-	
26.	Hours Flown by Aircraft - Revenue Transportation	5,638	74	
27.	" " " " " - Non Revenue	159	238	
28.	" " " " " - Forestry Patrol	-	33	
29.	" " " " " - Fishery	-	26	
30.	" " " " " - Photography	-	16	
31.	" " " " " - Advertising	-	-	
32.	" " " " " - School - Instruction	144	37	
33.	" " " " " - Exhibition - Miscellaneous	55	-	
34.	" " " " " - TOTAL	5,996	424	
35.	" " " " Crew	13,349	461	
36.	" " " " Passengers	24,773	542	
37.	Horse Power Hours Flown (Thousands)	7,246	109	
38.	Gasoline Consumed (Gallons)	282,197	5,958	
39.	Lubricating Oil Consumed	7,145	129	
40.	Number of Employees (2)	1,705	96	
41.	Total Salaries and Wages \$ (2)	278,296	17,604	
	<u>OPERATING REVENUES</u> (3)			
42.	Passenger (including Excess Baggage)	250,959	-	
43.	Mail	271,835	-	
44.	Other Transportation Revenues	83,140	-	
45.	Incidental Revenues	60,720	-	
46.	TOTAL	666,654	-	
	<u>OPERATING EXPENSES</u> (3)			
47.	Aircraft Operation and Maintenance	462,731	-	
48.	Ground Operation and Maintenance	155,615	-	
49.	Incidental Services	26,090	-	
50.	Traffic	32,732	-	
51.	General Administration	38,141	-	
52.	General Taxes	4,106	-	
53.	TOTAL	719,415	-	
54.	Net Operating Revenues (3)	Dr. 52,761	-	
	<u>AVERAGES</u>			
55.	Aircraft Miles per hour - Revenue Transportation	137	95	
56.	" " " " " - Non Revenue	111	94	
57.	" " " " " - TOTAL	136	94	
58.	Passengers per Aircraft Mile - Revenue Passengers	4.6	0.9	
59.	" " " " " - TOTAL	4.8	1.8	
60.	Freight per Aircraft Mile - Revenue Freight	164	58	
61.	" " " " " - TOTAL	181	211	
62.	Mail per Aircraft Mile (lb.)	205	-	
63.	Crew " " Hour	2.2	1.1	
64.	Revenue Passenger Journey (miles)	381	34	
65.	Gasoline per Aircraft Hour	47.1	14.1	
66.	" " " 1,000 H.P. Hour	38.9	54.7	

(1) Purchased in Canada.

(2) For Canadian Companies only.

(3) For Canadian Companies operating over licensed routes.

FEBRUARY, 1942

Total Canadian Companies	International Licensed Companies	Total February, 1942	Total January, 1942	Total February, 1941 (x)	Line No.
778,914	60,347	839,561	940,619	935,741	4.
39,975	514	40,289	38,246	41,101	5.
819,889	60,961	879,850	978,865	976,842	6.
9,587	3,660	13,247	12,228	10,750	7.
518	253	771	974	-	9.
248	89	337	291	(5) 826	10.
10,353	4,002	14,355	13,493	11,576	11.
852,628	14,982	867,510	860,059	1,394,738	12.
64,562	2,723	67,285	82,917	113,432	14.
917,190	17,705	934,895	949,976	1,508,170	15.
257,745	41,461	299,206	327,679	263,697	18.
3,594,809	288,858	3,883,667	3,891,779	2,910,635	17.
121,350	17,535	138,885	156,899	-	18.
89,627	6,541	96,168	88,343	210,543	19.
3,805,786	312,334	4,118,720	4,137,021	3,121,178	20.
63,515	729	64,244	66,778	95,716	21.
10,930	196	11,126	12,923	12,517	22.
74,445	925	75,370	79,701	108,033	23.
79,162	3,181	82,343	87,951	60,906	24.
5,712	395	6,107	6,657	7,365	26.
397	2	399	395	413	27.
33	-	33	7	40	28.
26	-	26	10	2	29.
16	-	16	6	12	30.
-	-	-	-	-	31.
181	-	181	219	363	32.
55	-	55	79	104	33.
6,420	397	6,817	7,573	8,319	34.
13,810	1,256	15,066	16,697	15,853	35.
25,315	2,518	27,833	27,409	22,605	36.
7,355	726	8,081	8,962	7,622	37.
288,155	(1) 32,512	320,667	364,848	328,392	38.
7,274	(1) 221	7,495	8,827	7,257	39.
1,801	-	1,801	1,790	1,597	40.
295,900	-	295,900	295,812	231,582	41.
-	-	250,959	233,469	200,197	42.
-	-	271,835	305,543	301,683	43.
-	-	83,140	85,941	121,201	44.
-	-	60,720	54,536	26,840	45.
-	-	666,654	679,489	649,921	46.
-	-	462,731	519,709	433,997	47.
-	-	155,615	155,809	118,577	48.
-	-	26,090	28,297	11,700	49.
-	-	32,732	31,538	28,392	50.
-	-	38,141	37,448	30,625	51.
-	-	4,106	1,605	3,153	52.
-	-	719,415	774,406	626,444	53.
-	-	Dr. 52,761	Dr. 94,917	23,477	54.
136	154	137	141	127	55.
101	157	101	97	100	56.
134	154	135	159	126	57.
4.6	4.8	4.6	4.1	3.1	58.
4.6	5.1	4.7	4.2	3.2	59.
163	24	153	142	205	60.
182	303	171	163	221	61.
203	111	(4) 196	(4) 187	(4) 150	62.
2.0	3.2	2.2	2.3	1.9	63.
375	79	293	318	271	64.
44.9	-	-	-	-	65.
39.2	-	-	-	-	66.

(4) Licensed and International Companies only.

(5) Includes Company Employees.

(x) Contains revisions of data.

STATISTICS CANADA LIBRARY
BIBLIOTHEQUE STATISTIQUE CANADA



1010548610