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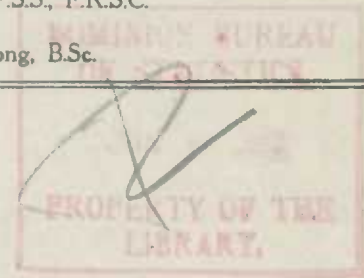
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

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CIVIL AVIATION

JANUARY, 1942



Civil air carriers reported for January, 12,228 revenue passengers carried and 3,891,779 passenger miles as compared with 10,668 passengers and 3,206,921 passenger miles in January 1941. The average passenger journey for licensed Canadian companies was 433 miles as compared with 348 miles in January 1941 and 408 miles in December. The data for international companies include only flights over Canadian territory, including the Toronto-New York route of the Trans-Canada Air Lines. The average flight for these companies was 82 miles in Canada. The short trips of these and of the non-licensed companies tend to lower the average journey for all companies, which was 318 miles, as compared with 301 in January 1941 and 296 for December.

Revenue freight traffic was heavier than in December but down from January 1941 traffic by 44 p.c. in pounds carried and 38 p.c. in ton miles. Mail carried increased from 263,205 pounds in January 1941 to 327,679 pounds or by 24 p.c. The hours flown in revenue transportation service decreased from 7,255 hours in January 1941 to 6,657 hours, but because of an increase in average speed from 129 to 141 miles per hour, the aircraft miles flown increased from 935,488 to 940,619. The Trans-Canada Air Lines with average speeds of over 160 miles per hour, is the dominant factor in these increases.

Gasoline consumed by Canadian companies increased from 328,752 gallons in January 1941 to 333,404 gallons, and the purchases in Canada by international companies increased from 10,076 to 31,444 gallons. The average consumption per hour for licensed Canadian companies increased from 43 to 50 gallons.

Revenues of licensed Canadian companies increased from \$672,711 in 1941 to \$679,489, and operating expenses increased from \$582,584 to \$774,406.

SUBJECT TO REVISION

CIVIL AVIATION

Line No.		Licensed Companies	Unlicensed Companies	
4.	Miles Flown by Aircraft - Revenue	866,479	7,503	
5.	" " " " - Non Revenue	12,608	25,124	
6.	" " " " - TOTAL	879,087	32,627	
7.	Passengers Carried - Revenue	8,250	188	
9.	" " " " - Company Employees	262	448	
10.	" " " " - Non Revenue	198	15	
11.	" " " " - TOTAL	8,710	654	
12.	Freight Carried - Revenue (lb.)	822,660	12,403	
14.	" " " " - Non Revenue	30,981	56,506	
15.	" " " " - TOTAL	853,641	68,909	
16.	Mail Carried	281,772	-	
17.	Passenger Miles - Revenue	3,575,805	6,448	
18.	" " " " - Company Employees	72,742	62,445	
19.	" " " " - Non Revenue	81,520	1,030	
20.	" " " " - TOTAL	3,730,067	69,923	
21.	Ton Miles - Freight - Revenue	65,211	213	
22.	" " " " - Non Revenue	8,497	4,196	
23.	" " " " - TOTAL	73,708	4,409	
24.	" " " " - Mail	84,962	-	
26.	Hours Flown by Aircraft - Revenue Transportation	6,133	86	
27.	" " " " - Non Revenue	130	261	
28.	" " " " - Forestry Patrol	-	7	
29.	" " " " - Fishery	-	10	
30.	" " " " - Photography	-	6	
31.	" " " " - Advertising	-	-	
32.	" " " " - School - Instruction	181	38	
33.	" " " " - Exhibition - Miscellaneous	69	10	
34.	" " " " - TOTAL	6,513	418	
35.	" " " " Crew	15,000	432	
38.	" " " " Passengers	24,372	725	
37.	Horse Power Hours Flown (Thousands)	8,070	120	
38.	Gasoline Consumed (Gallons)	326,677	6,727	
39.	Lubricating Oil Consumed	8,342	186	
40.	Number of Employees (2)	1,693	97	
41.	Total Salaries and Wages \$ (2)	276,365	19,447	
	<u>OPERATING REVENUES</u> (5)			
42.	Passenger (including Excess Baggage)	\$235,469	-	
43.	Mail	305,543	-	
44.	Other Transportation Revenues	85,941	-	
45.	Incidental Revenues	54,536	-	
46.	TOTAL	\$679,489	-	
	<u>OPERATING EXPENSES</u> (5)			
47.	Aircraft Operation and Maintenance	\$519,709	-	
48.	Ground Operation and Maintenance	155,809	-	
49.	Incidental Services	28,297	-	
50.	Traffic	31,538	-	
51.	General Administration	37,448	-	
52.	General Taxes	1,605	-	
53.	TOTAL	\$774,406	-	
54.	Net Operating Revenues (5)	Dr. \$ 94,917	-	
	<u>AVERAGES</u>			
55.	Aircraft Miles per hour - Revenue Transportation	141	87	
56.	" " " " - Non Revenue	97	96	
57.	" " " " - TOTAL	140	94	
58.	Passengers per Aircraft Mile - Revenue Passengers	4.1	0.9	
59.	" " " " - TOTAL	4.2	2.1	
60.	Freight per Aircraft Mile - Revenue Freight	151	57	
61.	" " " " - TOTAL	168	270	
62.	Mail per Aircraft Mile (lb.)	196	-	
63.	Crew " " Hour	2.3	1.0	
64.	Revenue Passenger Journey (miles)	433	34	
65.	Gasoline per Aircraft Hour	50.2	16.1	
66.	" " " 1,000 H.P. Hour	40.5	56.1	

(1) Purchased in Canada.

(2) For Canadian Companies only.

(5) For Canadian Companies operating over licensed routes.

JANUARY, 1942.

	Total Canadian Companies	International Licensed Companies	Total January, 1942	Total December, 1941	Total January, 1941 (x)	Line No.
	873,982	66,837	940,619	880,661	935,488	4.
	57,732	514	58,246	50,083	53,826	5.
	911,714	67,151	978,865	930,744	969,114	6.
	8,438	3,790	12,228	13,139	10,668	7.
	710	264	974	808	-	9.
	216	75	291	276	816	10.
	9,564	4,129	13,693	14,225	11,434	11.
	835,063	24,996	860,059	807,238	1,523,429	12.
	87,487	2,430	89,917	115,207	116,682	14.
	922,550	27,426	949,976	922,445	1,640,111	15.
	281,772	45,907	327,679	430,256	263,205	16.
	3,582,253	309,526	3,891,779	3,889,196	3,206,921	17.
	135,187	21,712	156,899	155,662	-	18.
	82,550	5,793	88,343	73,778	186,848	19.
	3,799,990	337,031	4,137,021	4,098,636	3,393,769	20.
	65,424	1,354	66,778	64,662	107,567	21.
	12,893	230	12,923	12,821	11,600	22.
	78,117	1,584	79,701	77,483	118,967	23.
	84,962	2,969	87,931	103,808	61,233	24.
	6,219	438	6,657	6,493	7,255	26.
	391	4	395	490	553	27.
	7	-	7	-	19	28.
	10	-	10	-	5	29.
	6	-	6	-	40	30.
	-	-	-	-	-	31.
	219	-	219	147	310	32.
	79	-	79	70	95	33.
	6,931	442	7,373	7,200	8,077	34.
	15,432	1,265	16,697	15,922	15,354	35.
	25,097	2,512	27,409	27,226	23,883	36.
	8,190	772	8,962	8,366	7,848	37.
	535,404	(1) 51,444	564,848	554,881	558,828	38.
	8,528	(1) 299	8,827	7,733	7,748	39.
	1,790	-	1,790	1,716	1,508	40.
	295,812	-	295,812	273,032	227,049	41.
	-	-	\$233,469	\$270,395	\$213,851	42.
	-	-	305,543	294,651	317,752	43.
	-	-	85,941	76,598	123,253	44.
	-	-	54,536	99,358	17,855	45.
	-	-	\$679,489	\$740,802	\$672,711	46.
	-	-	\$519,709	\$514,211	\$589,066	47.
	-	-	155,809	202,518	121,986	48.
	-	-	28,297	45,468	8,618	49.
	-	-	31,538	58,860	25,758	50.
	-	-	37,448	44,106	34,811	51.
	-	-	1,605	Cr. 15,627	2,345	52.
	-	-	\$774,406	\$829,536	\$582,584	53.
	-	-	Dr. \$ 94,917	\$ 88,734	\$ 90,127	54.
	141	152	141	136	129	55.
	97	129	97	102	95	56.
	138	152	139	133	127	57.
	4.1	4.6	4.1	4.4	3.4	58.
	4.2	5.0	4.2	4.4	3.5	59.
	150	41	142	147	250	60.
	171	47	163	166	246	61.
	194	89	(4) 187	(4) 237	(4) 131	62.
	2.2	2.9	2.3	2.2	1.9	63.
	425	82	318	296	301	64.
	48.1	-	-	-	-	65.
	40.7	-	-	-	-	66.

(4) Licensed and International Companies only.

(x) Contains revisions of data.

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