

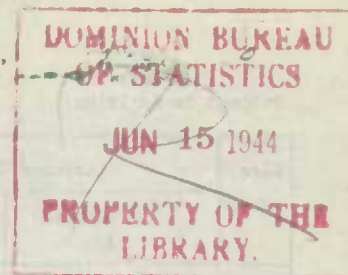
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CIVIL AVIATIONSUMMARY OF MONTHLY REPORTS1943

The reports of civil air carriers making monthly reports to the Bureau are summarized here for 1943 with comparable data for 1942. A transfer of data from unlicensed carriers to licensed carriers in 1942 was made to make data for both years comparable and some revisions in the monthly data were made in these total data.

The number of revenue passengers carried increased by 39.4 per cent or from 214,691 in 1942 to 299,279 in 1943. The number of company employees carried and non revenue passengers decreased, making the increase in all personnel carried 82,604 or 36.2 per cent. The increase in international travel between Canada and the United States and Newfoundland was 77.5 per cent, excluding the through traffic between United States and Alaska. In freight carried the large increase was also in the international traffic where an increase was made of 855,820 lbs., or, after deducting the through traffic, an increase of 445,934 lbs. or 142 per cent; excess baggage is computed as freight. Mail increased from 5,258,071 to 7,393,812 lbs. or by 40.6 per cent, and the international mail into and out of Canada increased from 535,854 to 1,102,050 lbs. or by 106 per cent. The Newfoundland route was started in May, 1942, which would affect the comparison. Gasoline consumption of Canadian carriers and purchases in Canada by foreign carriers increased from 4,980,873 to 6,015,883 gallons or by 20.8 per cent. The monthly average number of employees increased from 2,092 to 3,476 and the total pay roll increased from \$4,303,569 to \$6,521,380. This includes all employees of Canadian carriers and Canadian employees of international carriers. Operating revenues of Canadian licensed carriers increased from \$11,911,145 to \$15,875,519 or by 33.3 per cent, but operating expenses increased by 42.0 per cent reducing the net operating revenue from \$691,222 to a debit of \$55,078.

The average speed of aircraft in revenue service increased from 138 to 144 miles per hour or by 4 per cent. The number of revenue passengers per aircraft mile increased by 25.4 per cent and the average journey increased from 330 to 356 miles, and for Canadian licensed carriers from 388 to 407 miles. The average gasoline consumption of Canadian licensed carriers per aircraft hour increased from 49.1 to 53.4 gallons or by 8.8 per cent, but on a horse power hour basis decreased by 8.7 per cent.

There were no serious accidents during 1943, the number of passengers killed being 2 for over 94,000,000 passenger miles flown by licensed carriers, and one passenger was injured. The unlicensed carriers include the Provincial air services engaged largely in forest protection. The Ontario Government air service had one accident in which the pilot was injured and three passengers were killed, but other unlicensed carriers operated without any accidents involving personal injuries.

Subject to Revision

CIVIL AVIATION, 1943.

Line No.	Licensed Carriers		Unlicensed Carriers		Total Canadian Carriers	
	1 9 4 2 (x) A	1 9 4 3 (x) B	1 9 4 2 (x) C	1 9 4 3 D	1 9 4 2 (x) E	1 9 4 3 (x) F
4.	11,864,407	13,710,708	186,047	129,012	12,050,454	13,839,720
5.	271,279	509,951	248,864	168,749	520,143	678,700
6.	12,135,886	14,220,659	434,911	297,761	12,570,597	14,518,420
7.	168,429	227,194	4,239	1,641	172,668	228,835
9.	3,115	3,963	3,174	1,725	6,289	5,688
10.	2,151	1,705	1,408	1,071	3,559	2,776
11.	173,695	232,862	8,821	4,437	182,516	237,299
12.	10,416,025	10,662,950	604,878	164,573	11,020,903	10,827,523
14.	503,974	914,998	600,211	449,043	1,104,185	1,364,041
15.	10,919,999	11,577,948	1,205,089	613,616	12,125,088	12,191,564
16.	4,360,741	6,295,933	-	-	4,360,741	6,295,933
17.	65,314,483	92,490,832	161,670	106,378	65,476,153	92,597,210
18.	1,009,707	1,535,271	322,254	149,816	1,331,961	1,685,087
19.	863,977	731,825	95,460	69,960	959,437	801,785
20.	67,188,167	94,757,928	579,384	326,154	67,767,551	95,084,082
21.	1,085,955	1,343,048	10,680	4,124	1,096,635	1,347,172
22.	109,884	193,256	30,620	14,844	140,504	208,100
23.	1,195,839	1,536,304	41,300	18,968	1,237,139	1,555,272
24.	1,412,114	2,019,297	-	-	1,412,114	2,019,297
26.	85,280	94,623	2,146	1,437	87,426	96,060
27.	2,444	4,425	2,590	1,800	5,034	6,225
28.	70	4	4,526	4,316	4,596	4,320
29.	-	-	120	115	120	115
30.	249	268	272	326	521	594
31.	70	-	3	-	73	-
32.	1,963	3,174	332	13	2,295	3,187
33.	714	570	248	167	962	737
34.	90,790	103,064	10,237	8,174	101,027	111,238
35.	198,061	234,029	10,732	9,041	208,793	243,070
36.	436,367	609,088	5,781	3,251	442,148	612,339
37.	114,022	154,135	3,286	2,731	117,308	156,866
38.	4,458,381	5,507,057	162,157	143,652	4,620,538	5,650,709
39.	102,423	113,330	3,761	3,624	106,189	116,954
40.	1,994	3,374	108	102	2,092	3,476
41.	4,048,909	6,301,065	254,660	220,314	4,303,569	6,521,380

(1) Purchased in Canada

(2) For Canadian carriers only.

(3) For Canadian carriers operating over licensed routes.

CIVIL AVIATION, 1943

	International Licensed Carriers		Total		Line No.
	1 9 4 2 G	1 9 4 3 H	1 9 4 2 (d) I	(x) 1 9 4 3 (d) J	
Miles Flown by Aircraft - Revenue	796,650	762,579	12,781,318	14,526,778	4.
" " " " - Non Revenue	1,928	1,910	521,999	680,504	5.
" " " " - Total	798,578	764,489	13,303,317	15,207,282	6.
Passengers Carried - Revenue	(a) 66,728	(a) 112,996	214,691	299,279	7.
" " " - Company Employees	3,030	2,677	9,256	8,293	9.
" " " - Non Revenue	746	482	4,246	3,225	10.
" " " - Total	70,504	116,155	228,193	310,797	11.
Freight Carried - Revenue (lb.)	(b) 566,819	(b) 1,422,639	11,434,570	11,970,909	12.
" " " - Non Revenue	79,074	106,896	1,180,318	1,463,288	14.
" " " - Total	645,893	1,529,535	12,614,888	13,434,197	15.
Mail Carried	(c) 1,121,511	(c) 1,446,447	5,258,071	7,393,812	16.
Passenger Miles - Revenue	5,775,267	8,586,746	70,790,206	100,501,000	17.
" " " - Company Employees	289,228	273,581	1,618,777	1,956,281	18.
" " " - Non Revenue	62,648	46,832	1,019,302	847,761	19.
" " " - Total	6,127,143	8,907,159	73,428,285	103,305,042	20.
Ton Miles - Freight - Revenue	37,520	95,144	1,132,712	1,439,154	21.
" " " - Non Revenue	7,437	9,377	147,910	217,394	22.
" " " - Total	44,957	104,521	1,280,622	1,656,548	23.
" " " - Mail	88,599	78,804	1,497,507	2,094,402	24.
Hours Flown by Aircraft - Revenue Transportation	5,339	5,055	92,397	100,696	26.
" " " " - Non Revenue	13	12	5,047	6,236	27.
" " " " - Forestry Patrol	-	-	4,596	4,320	28.
" " " " - Fishery	-	-	120	115	29.
" " " " - Photography	-	-	521	594	30.
" " " " - Advertising	-	-	73	-	31.
" " " " - School - Instruction	-	9	2,295	3,192	32.
" " " " - Exhibition - Miscellaneous	32	47	981	760	33.
" " " " - Total	5,384	5,123	106,030	115,913	34.
" " " Crew	16,130	15,245	223,777	256,987	35.
" " " Passengers - Revenue - Non Revenue	41,336	59,087	480,754	667,408	36.
Horse Power Hours Flown (Thousands)	9,410	9,332	125,960	165,331	37.
Gasoline Consumed (Gallons)	(1) 527,987	(1) 582,884	4,980,873	6,015,883	38.
Lubricating Oil Consumed	(1) 4,049	(1) 5,651	107,158	117,213	39.
Number of Employees (2) (4)	-	-	2,092	3,476	40.
Total Salaries and Wages (2) \$	-	-	4,303,569	6,521,380	41.
Includes traffic between foreign stations-					
(a) Revenue Passengers	13,142	17,990	13,142	17,990	
(b) " Freight	252,706	662,592	252,706	662,592	
(c) Mail	585,657	344,397	585,657	344,397	

(4) Monthly Average.

(x) Contains revisions of monthly data.

(d) Excludes duplications of International traffic included in Columns A-B and G-H.

CIVIL AVIATION, 1943

Line No.	Licensed Carriers		Unlicensed Carriers		Total Canadian Carriers		
	1942	1943	1942	1943	1942	1943	
42.	5,001,694	7,610,634	-	-	-	-	
43.	4,070,530	4,754,554	-	-	-	-	
44.	1,681,570	1,950,450	-	-	-	-	
45.	1,157,351	1,559,681	-	-	-	-	
46.	11,911,145	15,875,319	-	-	-	-	
47.	7,022,443	9,297,878	-	-	-	-	
48.	2,360,411	4,143,084	-	-	-	-	
49.	644,765	900,888	-	-	-	-	
50.	472,920	701,199	-	-	-	-	
51.	671,995	846,272	-	-	-	-	
52.	47,389	39,076	-	-	-	-	
53.	11,219,923	15,928,397	-	-	-	-	
54.	691,222	Dr. 53,078	-	-	-	-	
55.	2	2	Nil	-	2	?	
56.	2	-	"	-	2	-	
57.	12	2	"	3	12	5	
58.	16	4	"	3	16	7	
59.	1	-	"	1	1	1	
60.	Nil	-	"	-	Nil	-	
61.	3	1	"	-	3	1	
62.	4	1	"	1	4	2	
63.	139	145	87	90	138	144	
64.	111	115	96	94	103	109	
65.	138	144	92	92	136	142	
66.	5.5	6.7	.9	.8	5.4	6.7	
67.	5.5	6.7	1.3	1.1	5.4	6.5	
68.	388	407	38	65	379	405	
69.	387	407	66	74	371	401	
70.	183	196	115	64	182	195	
71.	197	216	190	127	197	215	
72.	238	295	-	-	-	-	
73.	2.2	2.3	1.0	1.1	2.1	2.2	
74.	49.1	53.4	15.8	17.6	45.7	50.3	
75.	39.1	35.7	49.3	52.6	39.4	36.0	
76.	20.20	8.54	-	-	-	-	
77.	5.05	Nil	-	-	-	-	
78.	27.50	3.28	-	-	-	-	
79.	6.37	1.64	-	-	-	-	
80.	1.79	0.21	-	-	-	-	
81.	0.45	0.11	-	-	-	-	

CIVIL AVIATION, 1943

	International Licensed Carriers		Total		Line No.
	1942	1943	1942	1943	
<u>OPERATING REVENUES</u> (3)					
Passenger (including Excess Baggage)	-	-	5,001,694	7,610,634	42.
Mail	-	-	4,070,530	4,754,584	43.
Other Transportation Revenues	-	-	1,681,570	1,950,450	44.
Incidental Revenues	-	-	1,157,351	1,559,681	45.
Total	-	-	11,911,145	15,875,319	46.
<u>OPERATING EXPENSES</u> (3)					
Aircraft Operation and Maintenance	-	-	7,022,443	9,297,878	47.
Ground Operation and Maintenance	-	-	2,360,411	4,143,084	48.
Incidental Services	-	-	644,765	900,888	49.
Traffic	-	-	472,920	701,199	50.
General Administration	-	-	671,995	846,272	51.
General Taxes	-	-	47,389	39,076	52.
Total	-	-	11,219,923	15,928,397	53.
Net Operating Revenues (3)	-	-	691,222	Dr. 53,078	54.
<u>ACCIDENTS - Persons Killed</u>					
Pilots	Nil	Nil	2	-	55.
Other Crew	"	"	2	-	56.
Passengers	"	"	12	-	57.
Total	"	"	16	-	58.
<u>ACCIDENTS - Persons Injured</u>					
Pilots	Nil	Nil	1	-	59.
Other Crew	"	"	Nil	-	60.
Passengers	"	"	3	-	61.
Total	"	"	4	-	62.
<u>AVERAGES</u>					
Aircraft Miles per Hour - Revenue Transportation	149	151	138	144	63.
" " " " - Non Revenue "	148	159	103	109	64.
" " " " - Total "	149	151	137	142	65.
Passengers per Aircraft Mile - Revenue Passengers	7.2	11.3	5.5	6.9	66.
" " " " - Total "	7.7	11.7	5.5	6.8	67.
Passenger Journey - Revenue Passenger	87	76	330	336	68.
" " - Total " - Rev. & Non Rev.	87	77	322	332	69.
Freight per Aircraft Mile - Revenue Freight (lbs.)	94	250	177	198	70.
" " " " - Total " "	113	273	193	218	71.
Mail per Aircraft Mile	222	207	238	291	72.
Crew per Aircraft Hour	3.0	3.0	2.1	2.2	73.
Gasoline per Aircraft Hour (Gallons)	-	-	-	-	74.
" " 1,000 H.P. Hours "	-	-	-	-	75.
Crew Killed per 1,000,000 crew hours flown	-	-	-	-	76.
" Injured " " " " "	-	-	-	-	77.
Passengers Killed per 1,000,000 passenger hrs. flown	-	-	-	-	78.
" Injured " " " " "	-	-	-	-	79.
" Killed " 10,000,000 " miles "	-	-	-	-	80.
" Injured " " " " "	-	-	-	-	81.

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