

DOMINION BUREAU OF STATISTICS
Transportation Division



OTTAWA

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CIVIL AVIATION

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SEPTEMBER, 1949

Canadian air carriers reported considerably increased activity during September as compared with the same period of 1948. Total revenues at \$4,054,433 were up some \$554,000 or 15.8 p.c., with all scheduled service accounts advancing. Scheduled passenger fare receipts at \$2,643,471 compare with \$2,047,593 one year earlier, while mail, goods and excess baggage were more remunerative. Charter and contract business, however, declined as did non-transportation and incidental revenues.

Expense items were all heavier with the total climbing from \$3,109,664 to \$3,634,831, an increase of 16.9 p.c. or \$525,167, leaving a gain of some \$28,900 in net operating revenues over September, 1948, to \$419,602 for the month under review. Aircraft operation and maintenance charges required \$2,216,265 as against \$1,985,921 one year earlier and ground expenses were up from \$747,708 to \$841,074. Traffic charges jumped over \$123,200 to \$338,926 while general administration rose about \$70,200 to \$222,070 or by 46 p.c. Taxes were \$16,496 compared with \$10,477.

Good performance records were maintained during the month with 98.5 p.c. of miles scheduled being flown. Revenues of other or non-scheduled carriers were reduced during September as compared with the same month of 1948 although more mail and freight were carried. The transfer of Queen Charlotte Airlines to scheduled operators in 1949 deters precise comparisons in this group.

In the first three quarters of the year Canadian operators show a credit in operating revenues of some \$507,501 against nearly \$299,000 in the same nine months of 1948. The last quarter of the year is usually unprofitable and more than erases summer gains, 1948 showing a loss of over \$1,354,325.

Mileage on revenue transportation flown by all carriers during September totalled 3,076,290 compared with 2,949,484 miles one year earlier, but non-revenue and revenue non-transportation mileage declined to bring the grand total flown under the same month of 1948. Total hours flown shrank from 28,709 to 26,966 hours with revenue transportation time little changed.

Revenue passengers for all routes numbered 125,733, a gain of 12.5 p.c. or 15,930 over the preceding September. Both domestic and international travel was heavier. Scheduled Canadian carriers reported 84,544 revenue fares against 73,743 one year previously while foreign lines carried 24,408 compared with 20,527. Revenue passenger miles soared from 35.1 to 41.3 million miles in the same comparison. Passenger load factor on scheduled Canadian routes was down from 76.3 to 71.7 p.c. with the use of larger capacity planes but international routes percentage improved from 64.8 to 69.1.

Steam railways reported a decline in passengers of 8.2 p.c. in September from the similar period of 1948 but carried 20.4 times as many revenue fares as the airlines.

Total freight carried at 3,784,631 pounds was up 10.5 p.c. or 358,622 pounds over September, 1948, and ton miles were 544,610 against 495,332. Mail ton miles jumped from 257,000 to 327,588.

Both gasoline and oil consumption were heavier with gasoline up nearly 200,000 gallons to 1,819,458 and oil at 28,630 gallons against 22,232. Some 38 fewer aircraft were operated, the average for the month being 450.

Employees were 6,668 earning \$1,628,104 compared with 6,550 receiving \$1,414,071 in the previous September.

T.C.A. Atlantic routes (not included in the tables)

September, 1949

	Bermuda and Caribbean	Bermuda	United Kingdom	
	1949	1948	1949	1948
Revenue Miles Flown	50,017	17,208	366,169	529,043
▪ Passengers Carried	768	538	2,798	3,840
▪ Passenger Miles	1,154,275	365,598	8,606,948	12,175,177
▪ Passenger Load Factor % (1)	57.2	55.7	65.0	59.4
▪ Freight Carried lbs. (2)	18,421	2,219	96,036	56,228
▪ Freight Ton Miles	12,802	1,193	117,510	69,613
Mail Carried Lbs.	111	-	18,976	18,138
Mail Ton Miles	113	-	31,210	29,521

(1) Scheduled Services only.

(2) Freight, Express, Excess Baggage.

Notes: Bermuda and Caribbean statistics combined commencing June, 1949.

CIVIL AVIATION, September, 1949

Line No.		Canadian Pacific Air Lines		Maritime Central		Trans-Canada Air Lines		Central Northern		Queen Charlotte
		1949	1948	1949	1948	1949	1948	1949	1948	1949
		A		B		C		D		E
	TRANSPORTATION REVENUES									
1.	Scheduled Services - Passenger	429,117	516,888	18,552	17,026	2,110,939	1,662,627	11,487	9,555	45,527
2.	" " - Mail	111,827	106,625	13,002	12,761	450,000	450,000	3,118	3,066	270
3.	" " - Goods	36,454	37,897	341	374	78,458	55,554	9,869	10,632	2,015
4.	" " - Excess Baggage	4,354	3,565	110	87	17,494	13,748	213	227	272
5.	" " - Total (1+2+3+4)	581,752	464,975	32,005	30,248	2,656,891	2,179,729	24,687	23,478	48,084
6.	Charter Transportation	10,906	10,865	3,390	4,851	13,221	289	26,276	25,690	4,167
7.	Contract "	-	-	-	2,226	-	-	-	3,886	1,953
8.	Total Transportation	592,658	475,838	35,395	37,325	2,670,112	2,180,018	50,963	53,054	54,204
9.	Non-transportation Revenues	-	17,103	3,760	3,500	249	-	184	-	20,000
10.	Incidental Revenues - Net	25,602	28,557	255	228	35,519	29,781	482	1,046	7,872
11.	Total Revenues	618,260	521,498	39,410	41,053	2,705,880	2,209,799	51,629	54,100	82,076
	EXPENSES									
12.	Aircraft Operation and Maintenance	451,892	307,221	21,808	24,935	1,528,815	1,210,784	27,478	30,207	40,258
13.	Ground " " "	131,398	138,709	8,290	9,683	623,661	551,455	6,826	6,914	7,468
14.	Traffic	54,768	28,907	1,006	1,073	289,984	173,512	361	607	4,589
15.	General Administration	53,538	38,134	4,328	3,189	109,264	57,659	3,243	3,271	4,966
16.	General Taxes	1,863	2,150	225	86	13,104	6,185	269	411	120
17.	Total	673,279	515,121	35,657	38,966	2,564,826	1,979,375	38,177	41,410	57,351
18.	Net Operating Revenues	Dr. 55,019	6,377	3,753	2,087	541,054	230,424	15,452	12,690	24,725
19.	Operating Ratio (17:11)	108.9	98.8	90.5	94.9	87.4	89.6	73.9	76.5	69.9
20.	Ratio of Miles Flown to Miles Scheduled (10) P.C.	98.2	98.6	94.6	88.1	98.7	99.5	75.1	85.1	96.5
21.	Miles Flown - Revenue - Scheduled (Regular and extra flights)	443,445	398,048	33,837	34,760	1,492,122	1,393,472	31,774	27,026	61,325
22.	" " " - Charter	5,129	12,459	2,321	5,170	10,163	385	39,053	38,412	7,590
23.	" " " - Contract	-	-	-	2,882	-	-	-	4,275	Dr. 1,510
24.	" " - Total Revenue Transportation	448,574	410,487	36,158	42,812	1,502,285	1,393,857	70,827	69,713	67,405
25.	" " - Revenue Non-transportation	700	9,075	5,709	14,272	240	-	283	-	35,390
26.	" " - Total	449,274	419,562	41,867	57,084	1,502,525	1,393,857	71,110	69,713	102,795
27.	" " - Non-revenue (x)	13,452	10,791	2,810	1,908	58,420	50,719	1,115	1,930	3,560
28.	" " - Total (x)	462,726	430,553	44,677	58,992	1,560,945	1,444,576	72,225	71,643	106,155
29.	Hours Flown - Revenue - Scheduled	2,943	2,864	243	246	8,143	7,631	311	263	521
30.	" " " - Charter	47	101	16	38	63	3	391	402	72
31.	" " " - Contract	-	-	-	34	-	-	-	47	Dr. 3
32.	" " " - Total Transportation	2,990	2,965	259	318	8,206	7,634	702	712	590
33.	" " " - Non-transportation	5	69	40	112	2	-	3	-	312
34.	" " " - Total	2,995	3,034	299	430	8,208	7,634	705	712	902
35.	" " - Non-revenue (x)	83	87	21	14	340	299	11	19	34
36.	" " - Total (x)	3,078	3,121	320	444	8,548	7,933	716	731	936

(x) All Services.

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

CIVIL AVIATION, September, 1949

Line No.	Total Scheduled Canadian Carriers (A+B+C+D+E)		Other Canadian Carriers		International Routes						Grand Total (F+G+I)	
					Canadian (included in F)		Foreign (1)		Total			
	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948
	F		G		H		I		J		K	
1.	2,615,622	2,006,094	27,849	41,499							2,643,471	2,047,593
2.	578,217	572,450	2,841	1,872							581,058	574,322
3.	127,137	102,257	16,217	9,141							143,354	111,398
4.	22,443	17,627	1,412	435							23,855	18,060
5.	3,343,419	2,698,428	48,319	52,945							3,391,738	2,751,373
6.	57,960	41,695	358,614	413,170							416,574	454,865
7.	1,953	6,112	34,286	36,630							36,239	42,802
8.	3,403,332	2,746,235	441,199	502,805							3,844,531	3,249,040
9.	24,193	20,603	62,949	97,274							87,142	117,877
10.	69,730	59,612	53,030	73,840							122,760	133,452
11.	3,497,255	2,826,450	557,178	673,919							4,054,433	3,500,369
12.	1,870,249	1,573,147	346,016	410,774							2,216,265	1,983,921
13.	777,643	686,741	63,431	60,967							841,074	747,708
14.	330,658	203,899	8,268	11,788							338,926	215,687
15.	175,139	102,253	46,931	49,618							222,070	151,871
16.	15,501	8,832	895	1,645							16,496	10,477
17.	3,169,290	2,574,872	465,541	534,792							3,634,831	3,109,664
18.	327,965	251,578	91,637	139,127							419,602	590,705
19.	90.6	91.1	83.6	79.4							89.7	88.8
20.	98.3	98.7	-	-							-	-
21.	2,062,593	1,855,306	66,188	76,706	213,708	276,938	114,436	105,105	328,144	382,043	2,243,127	2,035,117
22.	64,256	56,406	712,534	783,233	-	-	43	-	43	-	776,893	839,639
23.	Dr. 1,510	7,157	57,780	67,571	-	-	-	-	-	-	56,270	74,728
24.	2,125,249	1,916,869	836,562	927,510	213,708	276,938	114,479	105,105	328,187	382,043	3,076,290	2,949,484
25.	42,322	23,347	322,390	477,571	-	1	-	-	-	1	364,712	500,918
26.	2,167,571	1,940,216	1,158,952	1,405,081	213,708	276,939	114,479	105,105	328,187	382,044	3,441,002	3,450,402
27.	79,157	65,348	76,750	98,678	1,111	2,925	374	865	1,485	3,790	156,281	164,891
28.	2,246,728	2,005,564	1,235,702	1,503,759	214,819	279,864	114,853	105,970	329,672	385,834	3,597,283	3,615,293
29.	12,161	11,004	599	677	1,161	1,493	666	635	1,827	2,128	15,426	12,516
30.	589	544	7,145	8,080	-	-	-	-	-	-	7,734	8,624
31.	Dr. 3	81	708	643	-	-	-	-	-	-	705	724
32.	12,747	11,629	8,452	9,400	1,161	1,493	666	635	1,827	2,128	21,865	21,664
33.	562	181	3,499	5,378	-	-	-	-	-	-	3,861	5,559
34.	13,109	11,810	11,951	14,778	1,161	1,493	666	635	1,827	2,128	25,726	27,223
35.	489	419	749	1,062	7	17	2	5	9	22	1,240	1,486
36.	15,598	12,229	12,700	15,840	1,168	1,510	668	640	1,836	2,150	26,966	28,709

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

CIVIL AVIATION, September, 1949

Line No.		Canadian Pacific Air Lines		Maritime Central		Trans-Canada Air Lines		Central Northern		Queen Charlotte
		1949	1948	1949	1948	1949	1948	1949	1948	
	Passengers Carried	A		B		C		D		
	Scheduled Services									
37.	Originated	9,992	11,543	1,983	1,711	61,132	54,022	674	689	3,706
38.	Received from other Air Carriers	1,446	1,038	140	339	4,110	3,593	-	-	-
39.	Total - Scheduled Services	11,438	12,581	2,123	2,050	65,242	57,615	674	689	3,706
40.	Charter Service	85	171	103	64	534	142	330	352	80
41.	Contract Service	-	-	-	57	-	-	-	42	229
42.	Total Revenue Passengers	11,523	12,752	2,226	2,151	65,776	57,757	1,004	1,083	4,015
43.	Company Employees (x)	195	284	37	35	3,956	3,672	2	10	5
44.	Other Non-revenue Passengers (x)	7	16	4	-	19	24	-	-	2
45.	Total All Passengers (x)	11,725	13,052	2,267	2,186	69,751	61,455	1,006	1,093	4,022
46.	Passenger Miles - Revenue - Scheduled	5,241,441	4,055,951	180,872	188,519	32,475,980	27,710,448	56,160	57,696	364,655
47.	" " " - Charter	21,805	22,235	20,320	15,716	185,373	7,850	33,414	37,625	11,290
48.	" " " - Contract	-	-	-	5,115	-	-	-	5,001	44,820
49.	" " " - Total	5,263,246	4,078,186	201,192	209,350	32,661,353	27,718,298	89,574	100,322	420,765
50.	" " - Company Employees (x)	163,881	112,377	2,867	2,730	2,280,789	1,962,641	512	668	560
51.	" " - Other Non-rev. Passengers (x)	19,469	8,431	430	-	7,359	2,945	-	-	70
52.	Total All Passenger Miles (x)	5,446,596	4,198,994	204,489	212,080	34,949,501	29,683,884	90,086	100,990	421,395
53.	Available Seat Miles (7)	5,632,051	4,439,487	502,390	497,868	42,941,615	36,924,800	-	-	730,120
54.	Rev. Passenger Load Factor (Scheduled) (8)	47.9	49.7	36.0	37.9	75.6	75.0	-	-	49.9
55.	Goods Carried-Rev.-Originated-Scheduled lb.	322,961	244,171	7,363	8,581	463,885	299,928	179,407	188,236	22,779
56.	" " - Rec'd from other Air Carriers "	-	-	2,449	2,092	3,695	3,334	-	-	-
57.	" " - Total Scheduled "	322,961	244,171	9,812	10,673	467,578	303,262	179,407	188,236	22,779
58.	" " - Charter "	Dr. 58	31,351	3,351	531	-	-	294,074	210,309	4,800
59.	" " - Contract "	-	-	-	1,130	-	-	-	7,800	2,944
60.	" " - Non-revenue (x) "	34,333	61,679	-	-	182,996	203,904	5,636	1,295	-
61.	Total All Goods "	357,242	337,181	13,143	12,134	650,574	507,166	479,117	407,640	30,523
62.	Goods Ton Miles - Revenue - Scheduled	71,438	49,303	518	442	180,351	119,479	7,964	9,471	1,458
63.	" " " - Charter	Dr. 23	880	533	33	-	-	14,524	7,478	84
64.	" " " - Contract	-	-	-	72	-	-	-	357	256
65.	" " " - Total	71,415	50,183	851	547	180,351	119,479	22,488	17,506	1,778
66.	" " " - Non-revenue (x)	8,242	17,263	-	-	110,903	123,733	462	103	-
67.	" " " - Total (x)	79,657	67,446	851	547	291,254	243,212	22,950	17,409	1,778
68.	Mail Carried - Scheduled lb.	154,053	152,526	31,795	35,147	745,423	580,523	19,388	13,964	322
69.	" Ton Miles "	32,670	26,069	1,329	1,535	272,501	213,504	1,120	804	32
70.	Gasoline Consumed (x) Gallons	265,207	213,656	16,695	19,360	1,183,700	1,030,067	22,884	22,825	42,321
71.	" Cost (x) \$	97,524	80,983	5,022	5,861	359,938	303,567	9,629	9,978	13,155
72.	Lubricating Oil (x) Gallons	3,102	2,720	369	357	17,829	13,523	361	508	884
73.	" Cost (x) \$	2,994	2,951	322	357	14,510	11,574	320	440	889
74.	Average Number of Aircraft (x)	33	36	9	9	43	43	13	11	14
75.	Number of Employees (x)	991	936	70	75	4,750	4,445	51	57	93
76.	Total Salaries and Wages (x) \$	258,905	207,459	14,267	15,484	1,177,747	1,006,967	12,739	13,385	20,962

(x) All Services.

(7) On Scheduled passenger routes.

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

CIVIL AVIATION, September, 1949

Line No.	Total Scheduled Canadian Carriers (A+B+C+D+E)		Other Canadian Carriers		International Routes (11)						Grand Total (F+G+I)	
					Canadian (included in F)		Foreign (1)		Total			
	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948	1949	1948
	F		G		H		I		J		K	
37.	77,487	67,965	2,607	3,040	12,746	14,800	24,405	19,507	37,151	52,050	104,499	90,512
38.	5,696	4,970	-	-	3,449	1,442	-	820	3,449	4,519	5,696	5,790
39.	85,183	72,935	2,607	3,040	16,195	16,242	(2) 24,405	(2) 20,327	40,600	56,569	110,195	96,302
40.	1,132	729	15,108	14,041	-	-	3	-	3	-	14,243	14,770
41.	229	79	1,066	652	-	-	-	-	-	-	1,295	731
42.	84,544	73,745	16,781	17,735	16,195	16,242	24,408	20,327	40,605	56,569	125,733	111,805
43.	4,195	4,001	{ 250	{ 254	342	304	269	242	611	546	4,464	4,243
44.	52	40			-	2	38	50	38	52	520	544
45.	88,771	77,784	17,051	17,987	16,537	16,548	24,715	20,619	41,252	57,167	130,517	116,590
46.	58,519,108	52,012,614	162,540	504,924	4,994,949	5,169,846	1,540,467	1,630,480	6,535,418	6,800,126	40,022,115	33,948,018
47.	272,202	85,426	887,505	954,905	-	-	-	-	-	-	1,159,707	1,058,529
48.	44,820	10,116	92,004	99,172	-	-	-	-	-	-	156,824	109,288
49.	58,656,130	52,106,156	1,142,049	558,999	4,994,949	5,169,846	1,540,467	1,630,480	6,535,418	6,800,126	41,518,646	35,095,655
50.	2,448,609	2,078,416	{ 25,515	{ 28,472	97,139	91,509	-	-	97,139	91,509	2,448,609	2,078,416
51.	27,528	11,376			-	422	91,275	17,977	91,275	18,599	145,918	57,825
52.	4,112,067	54,195,948	1,167,364	1,587,471	5,092,088	5,261,577	1,631,742	1,648,457	6,725,830	6,910,034	43,911,173	37,251,876
53.	49,806,178	41,862,155	-	-	6,866,106	7,836,755	2,596,948	2,647,760	9,463,054	10,484,515	52,405,124	44,509,915
54.	71.7	76.5	-	-	72.7	66.0	59.5	61.6	69.1	64.8	-	-
55.	996,395	740,916	211,222	155,400	157,585	155,953	300,967	219,259	458,350	328,308	1,508,584	1,113,575
56.	6,142	5,426	-	-	1,716	1,266	-	-	1,716	28,170	6,142	5,426
57.	1,002,557	746,542	211,222	153,400	139,099	137,219	(5) 300,967	(5) 219,259	440,066	356,478	1,514,726	1,119,001
58.	302,147	241,971	1,498,802	1,560,959	-	-	-	-	-	-	1,800,949	1,802,930
59.	2,944	8,930	182,818	191,072	-	-	-	-	-	-	185,760	200,002
60.	222,971	266,878	17,782	32,765	931	4,799	42,443	4,435	43,374	9,232	285,196	304,076
61.	1,530,599	1,264,121	1,910,622	1,938,196	140,030	142,018	545,410	225,692	485,440	416,460	3,784,631	3,426,009
62.	261,709	178,695	12,150	6,205	23,268	24,248	34,566	31,927	57,632	56,175	308,225	216,825
63.	14,918	8,591	87,813	101,044	-	-	-	-	-	-	82,551	109,455
64.	256	429	9,848	20,690	-	-	-	-	-	-	10,104	21,119
65.	276,885	187,515	89,611	127,937	23,266	24,248	34,566	31,927	57,632	56,175	400,860	347,379
66.	119,607	141,099	1,071	4,509	127	921	23,072	545	23,199	1,266	143,750	145,953
67.	396,490	528,614	90,682	132,446	23,593	25,169	57,438	32,272	80,851	57,441	544,610	493,532
68.	950,981	781,960	15,604	6,595	27,964	27,080	(4) 108,614	(4) 90,983	156,578	118,063	1,073,199	879,538
69.	307,652	241,912	794	595	4,861	4,632	19,142	14,693	24,005	19,325	327,588	257,000
70.	1,530,807	1,285,908	186,185	235,417	195,994	218,395	(5) 102,446	(5) 99,466	298,440	99,466	1,818,438	1,620,791
71.	485,268	400,589	84,255	94,532	45,317	58,084	(12) -	(12) -	-	-	569,523	494,721
72.	22,545	17,108	5,108	4,459	2,047	2,559	977	685	3,024	685	28,650	22,252
73.	19,035	15,322	5,867	5,084	1,537	2,051	(12) -	(12) -	-	-	22,902	20,406
74.	112	99	538	589	-	-	(12) -	(12) -	-	-	450	488
75.	5,935	5,513	652	742	-	-	(6) 61	(6) 95	-	-	6,668	6,550
76.	1,464,620	1,241,293	141,032	150,500	-	-	22,452	22,278	-	-	1,628,104	1,414,071

(2) Includes 1,217 & 947 passengers between foreign points.
 (5) " 82,100 & 61,515 lbs. freight " " "
 (4) " 51,605 & 28,093 lbs. mail " " "

(5) Purchased in Canada.
 (6) Employees domiciled in Canada
 (9) Included with charter
 (11) Includes all traffic to and from foreign stations.
 (12) Not reported.

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