

DOMINION BUREAU OF STATISTICS
Transportation Division



OTTAWA

DOMINION BUREAU
OF STATISTICS

AIR TRANSPORT BOARD

Economics Division

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CIVIL AVIATION

20-4510

MAY, 1949

Canadian air carriers earned revenues of \$3,411,163 during May, an advance of \$701,132 or 25.9 p.c. over the corresponding month last year. All scheduled services improved with passenger receipts at \$2,178,025 against \$1,582,610 one year earlier, mail up some \$89,000 to \$582,703, and freight and excess baggage up from \$135,352 to \$167,625. Operating expenses also increased considerably to \$3,323,593 compared with \$2,622,654 in May, 1948, a rise of nearly \$701,000, practically equalling the betterment in revenues. All expense accounts were heavier. Aircraft operation and maintenance required \$2,004,455 during the month against \$1,615,950, while ground account took \$823,703 compared with \$663,761 one year earlier. Net operating revenues at \$87,570 were little changed from the preceding May's \$87,377. Scheduled carriers reported earnings of \$3,020,057 for the month and expenses of \$2,913,642 compared with \$2,313,077 and \$2,188,296 respectively in May, 1948. Queen Charlotte Airlines appears this year as a scheduled carrier whereas in 1948 it was included with other Canadian Carriers.

Miles flown by all carriers on revenue transportation totalled 2,697,737 compared with 2,392,903 miles in May of 1948, a gain of nearly 13 p.c., while hours flown on revenue transportation were 18,562 against 17,541 hours. Non-revenue mileage and hours were down sharply.

Total revenue passengers carried numbered 109,355, an increase of 19,017 or 21 p.c. over May last year. Canadian lines operating on International routes had 14,152 passengers against 11,245 while foreign lines reported 20,084 compared with 15,298 passengers in May, 1948. Passenger miles totalled 34,510,374 against 26,824,673 miles one year earlier on revenue service. The passenger load factor was somewhat reduced by the use of larger capacity planes on the scheduled lines as well as increased flights.

The total weight of all goods carried for revenue was 2,673,109 pounds, including charter and contract, and shows an increase of 121,787 pounds over the same month of 1948. Goods ton miles advanced from 313,221 to 403,853 ton miles on revenue service. Mail ton miles were more than double at 326,351 ton miles compared with 154,536.

Gasoline consumption for the month was up some 287,000 gallons to nearly 1,685,000. Employees numbered 6,545 earning \$1,591,806 compared with 5,353 receiving \$1,169,594 in May, 1948.

Statistics for T.C.A. (Atlantic), not included above, show an increase in passengers carried on the Bermuda flight from 345 to 605, while United Kingdom service had 1,958 passengers during May against 2,274 in the same month of 1948 when immigration by air was heavier. The passenger load factor on both Bermuda and Caribbean services has not yet reached a satisfactory level. Freight and mail carried on Atlantic services increased considerably over May, 1948.

T.C.A. Atlantic routes (not included in the tables)May, 1949

	Bermuda Route		Caribbean Route	United Kingdom Route	
	1949	1948	1949	1949	1948
Revenue Miles Flown	31,781	22,893	48,836	227,732	284,207
" Passengers Carried	605	345	374	1,958	2,274
" Passenger Miles	595,697	372,556	690,944	6,283,080	7,123,307
" " Load Factor % (1)	46.9	38.6	35.8	70.3	84.5
" Freight Carried Lbs.(2)	3,674	805	8,356	80,076	45,560
" Freight Ton Miles	2,023	421	8,506	114,242	57,829
Mail Carried Lbs.	126	5	480	19,045	16,998
Mail Ton Miles	89	3	394	31,727	26,762

(1) Scheduled services only.

(2) Freight, Express, Excess Baggage.

CIVIL AVIATION, MAY, 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
	TRANSPORTATION REVENUES	A		B		C		D		E
1.	Scheduled Services - Passenger	341,717	267,953	15,586	14,918	1,761,665	1,254,440	8,247	7,200	41,584
2.	" " - Mail	114,938	106,698	13,135	12,884	450,000	370,682	2,121	2,368	270
3.	" " - Goods	49,608	52,800	481	605	82,277	56,042	5,000	5,216	2,755
4.	" " - Excess Baggage	2,910	2,000	85	155	13,854	10,387	201	241	277
5.	" " - Total (1+2+3+4)	509,171	429,449	29,285	28,562	2,307,776	1,691,551	15,569	15,025	44,886
6.	Charter Transportation	20,435	28,452	2,537	1,230	15,842	4,712	9,325	6,859	3,450
7.	Contract "	-	-	-	4,818	-	-	-	-	3,445
8.	Total Transportation	529,604	457,881	31,822	34,610	2,323,618	1,696,263	24,894	21,864	51,781
9.	Non-transportation Revenues	1,920	51,666	5,500	5,128	-	-	-	-	-
10.	Incidental Revenues - Net	19,648	23,255	1,276	1,274	27,844	40,130	213	1,008	5,957
11.	Total Revenues	551,172	512,802	36,598	41,010	2,351,462	1,736,393	25,107	22,872	55,718
	EXPENSES									
12.	Aircraft Operation and Maintenance	262,688	293,645	20,666	22,355	1,378,564	958,091	17,381	28,916	54,246
13.	Ground " " "	117,087	143,582	9,010	8,199	620,251	445,119	6,102	7,398	10,961
14.	Traffic	30,163	29,911	843	1,277	248,300	154,893	510	896	4,245
15.	General Administration	38,571	40,577	4,520	2,697	90,385	43,442	4,037	Cr. 722	4,058
16.	General Taxes	1,441	2,504	150	111	8,981	4,915	246	490	236
17.	Total	449,950	510,219	35,189	34,639	2,346,461	1,606,460	28,276	36,978	53,766
18.	Net Operating Revenues	101,222	2,583	1,409	6,371	5,001	129,933	Dr. 5,169	Dr. 14,106	1,952
19.	Operating Ratio (17:11)	81.6	99.5	96.2	84.5	99.8	92.5	112.6	161.7	96.5
20.	Ratio of Miles Flown to Miles Scheduled (10) P.C.	97.3	93.5	96.5	85.6	98.9	97.8	60.8	62.1	-
21.	Miles Flown - Revenue - Scheduled (Regular and extra flights)	348,267	330,053	34,662	33,758	1,442,123	1,225,444	17,809	13,665	66,040
22.	" " " - Charter	16,223	21,265	2,220	1,307	14,492	2,708	12,978	10,968	7,155
23.	" " " - Contract	-	-	-	7,721	-	-	-	-	10,750
24.	" " - Total Revenue Transportation	364,490	351,318	36,882	42,786	1,456,615	1,228,152	30,787	24,633	83,925
25.	" " - Revenue Non-transportation	-	14,005	2,790	3,240	-	-	-	-	-
26.	" " - Total	364,490	365,323	39,672	46,026	1,456,615	1,228,152	30,787	24,633	83,925
27.	" " - Non-revenue (x)	47,047	26,751	2,729	1,591	56,729	206,224	1,348	915	5,260
28.	" " - Total (x)	411,537	392,074	42,401	47,617	1,513,344	1,434,376	32,135	25,548	89,185
29.	Hours Flown - Revenue - Scheduled	2,443	2,322	250	253	7,754	7,056	172	134	587
30.	" " " - Charter	129	169	16	8	87	15	130	106	68
31.	" " " - Contract	-	-	-	54	-	-	-	-	99
32.	" " " - Total Transportation	2,572	2,491	266	315	7,821	7,071	302	240	754
33.	" " " - Non-transportation	-	95	21	21	-	-	-	-	-
34.	" " " - Total	2,572	2,586	287	336	7,821	7,071	302	240	754
35.	" " - Non-revenue (x)	249	194	22	15	340	1,075	13	10	58
36.	" " - Total (x)	2,821	2,780	309	351	8,161	8,146	315	250	812

(x) All Services.

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

CIVIL AVIATION, MAY, 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.	2,168,799	1,544,511	9,226	59,099							2,178,025	1,582,610
2.	580,464	492,650	2,239	1,555							582,705	493,985
3.	140,119	114,665	10,184	8,225							150,503	122,888
4.	17,505	12,785	17	181							17,522	12,964
5.	2,906,687	2,164,587	21,666	47,858							2,928,353	2,212,445
6.	51,587	41,215	235,326	226,885							284,915	268,098
7.	5,445	4,818	15,180	21,575							16,625	26,591
8.	2,961,719	2,210,618	268,172	296,516							3,229,891	2,506,954
9.	5,420	56,792	76,144	58,517							61,564	95,109
10.	52,918	65,667	46,790	42,521							99,708	107,988
11.	5,020,057	2,515,077	591,106	596,954							5,411,163	2,710,051
12.	1,713,545	1,503,007	290,910	512,943							2,004,455	1,615,950
13.	765,411	604,298	60,292	59,463							825,705	663,761
14.	284,061	186,977	8,504	10,656							292,565	197,633
15.	141,571	85,994	48,426	49,545							189,997	155,537
16.	11,054	8,020	1,819	1,755							12,873	9,775
17.	2,913,642	2,188,296	409,951	454,558							3,323,593	2,622,654
18.	106,415	124,781	18,845	37,404							87,570	87,577
19.	96.5	94.6	104.8	109.4							97.4	96.8
20.	98.2	96.5	-	-							-	-
21.	1,908,901	1,602,920	54,255	64,243	216,767	205,100	122,411	106,059	339,178	511,159	2,065,567	1,775,222
22.	55,048	56,248	547,746	558,546	-	-	86	-	86	-	600,880	574,594
23.	10,750	7,721	20,540	37,566	-	-	-	-	-	-	51,290	45,087
24.	1,972,699	1,646,889	602,541	659,955	216,767	205,100	122,497	106,059	339,264	511,159	2,697,737	2,592,905
25.	2,790	17,245	579,816	421,896	-	-	-	-	-	-	582,606	439,141
26.	1,975,489	1,664,154	982,557	1,061,851	216,767	205,100	122,497	106,059	339,264	511,159	3,080,545	2,852,044
27.	115,115	255,481	76,595	125,616	2,526	12,183	327	2,857	2,855	15,040	189,855	561,954
28.	2,088,602	1,899,615	1,058,752	1,185,467	219,293	217,285	122,824	108,916	342,117	526,199	3,270,178	3,193,998
29.	11,186	9,765	519	586	1,155	1,181	717	645	1,872	1,826	12,222	10,996
30.	450	298	5,602	5,799	-	-	8	-	6	-	6,056	6,097
31.	99	54	203	384	-	-	-	-	-	-	302	448
32.	11,715	10,117	8,124	6,779	1,155	1,181	725	645	1,878	1,826	18,562	17,541
33.	21	116	4,175	4,829	-	-	-	-	-	-	4,194	4,945
34.	11,756	10,235	10,297	11,608	1,155	1,181	725	645	1,878	1,826	22,756	22,486
35.	682	1,294	717	1,544	13	70	1	15	14	85	1,400	2,653
36.	12,418	11,527	11,014	12,952	1,168	1,251	724	660	1,892	1,911	24,156	25,159

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

CIVIL AVIATION, MAY, 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
	Passengers Carried									
	Scheduled Services									
37.	Originated	9,748	10,690	1,648	1,575	55,198	45,461	564	468	5,335
38.	Received from other Air Carriers	649	560	176	299	5,263	2,175	-	-	-
39.	Total - Scheduled Services	10,397	11,250	1,824	1,874	58,461	45,636	564	468	5,335
40.	Charter Service	68	1,149	52	52	719	552	269	148	72
41.	Contract Service	-	-	-	-	-	-	-	-	167
42.	Total Revenue Passengers	10,465	12,399	1,876	1,926	59,180	46,188	833	616	5,572
43.	Company Employees (x)	194	258	28	46	2,615	2,596	6	1	16
44.	Other Non-revenue Passengers (x)	33	45	-	-	98	218	4	-	21
45.	Total All Passengers (x)	10,692	12,682	1,904	1,972	62,093	49,002	843	617	5,609
46.	Passenger Miles - Revenue - Scheduled	3,922,169	3,435,250	158,186	167,826	27,528,457	20,907,340	58,288	56,609	509,742
47.	" " " - Charter	45,428	185,804	7,651	12,453	252,635	53,320	15,148	13,629	10,685
48.	" " " - Contract	-	-	-	-	-	-	-	-	55,290
49.	" " " - Total	3,965,597	3,619,054	165,817	180,259	27,781,090	20,960,660	55,456	50,238	555,717
50.	" " " - Company Employees (x)	88,086	92,872	2,171	5,485	1,725,259	2,165,203	408	416	1,805
51.	" " " - Other Non-rev. Passengers (x)	10,710	11,479	-	-	28,622	13,108	272	-	1,740
52.	Total All Passenger Miles (x)	4,064,393	3,723,585	167,988	185,744	29,534,951	23,138,971	54,116	50,654	557,262
53.	Available Seat Miles (7)	3,894,002	3,485,210	492,782	458,544	41,240,016	29,557,037	-	-	654,515
54.	Rev. Passenger Load Factor (Scheduled) (8)	48.5	48.0	32.1	38.3	66.8	70.8	-	-	47.3
55.	Goods Carried-Rev.-Originated-Scheduled lb.	519,106	486,048	5,851	17,894	445,492	322,859	108,533	113,020	27,534
56.	" " - Rec'd from other Air Carriers "	-	-	2,360	1,181	2,178	1,630	-	-	-
57.	" " " - Total Scheduled "	519,106	486,048	8,191	19,075	447,670	324,469	108,533	113,020	27,534
58.	" " " - Charter "	128,165	251,340	4,019	-	1,000	-	69,453	32,464	5,290
59.	" " " - Contract "	-	-	-	148,150	-	-	-	-	2,955
60.	" " " - Non-revenue (x) "	25,456	51,171	-	-	178,187	114,634	65	109	-
61.	Total All Goods "	670,707	788,559	12,210	167,225	626,857	439,103	177,851	145,593	33,779
62.	Goods Ton Miles - Revenue - Scheduled	85,505	72,585	398	776	191,257	124,094	4,206	4,559	2,035
63.	" " " " - Charter	22,581	9,557	402	-	268	-	2,201	1,229	213
64.	" " " " - Contract	-	-	-	16,354	-	-	-	-	295
65.	" " " " - Total	108,084	81,940	800	17,130	191,505	124,094	6,407	5,788	2,541
66.	" " " " - Non-revenue (x)	6,945	14,173	-	-	115,166	58,586	2	5	-
67.	" " " " - Total (x)	115,029	96,113	800	17,130	306,671	182,680	6,409	5,791	2,541
68.	Mail Carried - Scheduled lb.	153,172	110,640	32,968	35,425	756,165	565,451	15,416	12,335	414
69.	" Ton Miles "	30,090	21,218	1,646	1,500	272,599	117,886	692	658	41
70.	Gasoline Consumed (x) Gallons	203,151	202,215	15,432	16,585	1,171,848	905,720	9,197	8,344	27,027
71.	" Cost (x) \$	77,905	74,674	4,504	4,681	347,355	271,774	5,679	5,144	7,511
72.	Lubricating Oil (x) Gallons	2,279	2,583	332	380	14,837	11,944	278	189	647
73.	" Cost (x) \$	2,298	2,423	290	356	12,269	9,578	155	164	684
74.	Average Number of Aircraft (x)	51	36	5	9	42	53	9	12	14
75.	Number of Employees (x)	865	980	67	66	4,778	5,430	46	55	88
76.	Total Salaries and Wages (x) \$	210,621	210,635	15,781	12,286	1,184,229	772,355	10,235	11,579	20,150

(x) All Services.

(7) On Scheduled passenger routes.

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

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CIVIL AVIATION, MAY, 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.	70,491	56,214	1,359	3,308	11,642	10,512	(2) 19,750	(2) 14,880	31,392	25,192	91,580	74,402
38.	4,088	3,054	-	-	2,510	933	292	418	2,802	1,351	4,380	3,452
39.	74,579	59,248	1,359	3,308	14,152	11,245	20,042	15,298	34,194	26,543	95,960	77,854
40.	1,180	1,901	11,732	10,086	-	-	42	-	42	-	12,954	11,987
41.	167	-	274	497	-	-	-	-	-	-	441	497
42.	75,926	61,149	13,345	13,891	14,152	11,245	20,084	15,298	34,236	26,543	109,555	90,338
43.	3,059	2,881	-	65	251	237	284	165	535	402	3,343	3,111
44.	156	263	310	297	4	1	50	56	54	57	516	616
45.	79,141	64,293	13,655	14,253	14,407	11,483	20,418	15,519	34,825	27,002	113,214	94,065
46.	31,956,842	24,545,005	59,547	311,049	4,542,643	3,229,487	(13) 1,400,512	1,018,221	5,943,155	4,247,708	33,416,901	25,874,275
47.	329,525	265,186	692,752	627,856	-	-	-	-	-	-	1,022,317	893,042
48.	33,290	-	37,866	37,356	-	-	-	-	-	-	71,156	57,356
49.	32,319,657	24,810,191	790,205	996,261	4,542,643	3,229,487	1,400,512	1,018,221	5,943,155	4,247,708	34,510,374	26,824,673
50.	1,817,709	2,261,976	-	1,748	77,209	68,638	-	-	77,209	68,638	1,817,709	2,263,724
51.	41,544	24,567	33,633	34,361	693	363	73,363	14,780	74,056	15,123	148,540	73,706
52.	34,178,710	27,096,754	823,838	1,032,370	4,620,545	3,298,488	1,473,875	1,032,981	6,094,420	4,351,469	36,476,423	29,162,105
53.	46,281,315	33,458,791	-	-	6,953,781	4,850,062	2,579,792	2,285,628	9,533,553	7,115,690	48,861,107	35,744,419
54.	64.7	66.0	-	-	65.3	67.3	54.3	44.2	62.3	58.9	-	-
55.	1,106,296	939,801	115,108	153,044	93,702	85,412	(3) 285,845	(3) 179,062	379,547	264,474	1,507,249	1,271,907
56.	4,538	2,811	-	-	18,768	919	-	-	18,768	919	4,538	2,611
57.	1,110,834	942,612	115,108	153,044	112,470	86,351	285,845	179,062	398,315	265,393	1,511,787	1,274,716
58.	205,927	285,804	941,916	799,050	-	-	-	-	-	-	1,147,843	1,082,854
59.	2,955	148,150	10,524	45,600	-	-	-	-	-	-	13,479	193,750
60.	201,688	165,914	12,395	10,670	2,965	13,419	37,143	4,104	40,108	17,523	251,226	180,888
61.	1,521,404	1,540,480	1,079,943	1,008,364	115,435	99,750	322,988	183,166	438,425	282,916	2,924,355	2,732,010
62.	281,377	202,012	4,295	6,785	18,043	13,047	42,202	19,070	60,245	32,117	327,874	227,867
63.	25,665	10,586	48,673	52,343	-	-	-	-	-	-	74,338	62,929
64.	295	16,354	1,346	6,071	-	-	-	-	-	-	1,641	22,425
65.	307,337	228,952	54,514	65,199	18,043	13,047	42,202	19,070	60,245	32,117	403,853	313,221
66.	122,113	72,762	606	926	520	2,699	18,657	182	19,177	2,861	141,376	73,870
67.	429,450	301,714	54,920	66,125	18,563	15,746	60,859	19,252	79,422	34,998	545,229	387,091
68.	956,133	523,849	12,706	8,124	28,583	30,827	(4) 105,539	(4) 87,287	134,922	118,114	1,054,378	619,260
69.	305,068	141,262	396	444	5,083	4,717	20,887	12,850	25,970	17,547	326,351	154,536
70.	1,426,655	1,132,664	148,889	170,342	204,548	135,126	(5) 109,261	(5) 94,976	513,809	250,102	1,684,805	1,397,982
71.	440,950	354,273	59,489	60,459	55,695	32,988	(12) -	(12) -	(12) 55,695	(12) 32,988	(12) 500,259	(12) 414,732
72.	18,573	14,896	2,735	3,508	2,094	1,803	(5) 864	(5) 690	2,958	2,493	21,972	19,094
73.	15,696	12,521	3,103	3,287	1,883	1,298	(12) -	(12) -	(12) -	(12) -	(12) 18,789	(12) 15,808
74.	101	110	321	373	-	-	-	-	-	-	422	485
75.	5,844	4,531	621	733	-	-	(6) 81	(6) 89	-	-	6,545	5,553
76.	1,439,016	1,006,655	153,159	142,026	-	-	(6) 19,651	(6) 20,913	-	-	1,591,806	1,189,594

1948 1948

(2) Includes 970 and 436 passengers between foreign points
 (3) " 104,121 " 71,624 lbs.
 (4) " 34,907 " 20,899 " " "

(5) Purchased in Canada.
 (6) Employees domiciled in Canada
 (9) Included with charter
 (11) Includes all traffic to and from foreign stations.
 (12) Foreign cost not reported.
 (13) Includes Passenger Miles - Revenue - Charter not distributed.

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