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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH

OTTAWA

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.)
Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

CIVIL AVIATION
July, August, September

1940.

Air carriers reported a total of 3,741,883 air craft miles flown for the third quarter of the year, as against 3,080,188 miles for the second quarter.

The number of passengers carried increased from 37,856 to 53,604 and the passenger miles increased from 10,593,419 to 14,355,597 or by 36 per cent.

Freight carried increased from 3,538,817 pounds for the second quarter to 6,086,686 pounds and the ton miles for freight from 272,507 to 328,090.

Mail carried including both to and from the United States, and mail carried under air mail contracts, and regular mail contracts increased from 532,811 pounds to 689,823 pounds.

Gasoline used by Canadian companies and purchased in Canada by International companies amounted to 1,155,297 gallons, as against 945,072 gallons for the second quarter, and the corresponding consumption of lubricating oil was 21,867 gallons, as against 15,639 gallons for the second quarter.

The pay roll of the Canadian air carriers was \$672,274 for 1593 employees, compared with \$598,212 for 1308 employees in the preceeding quarter.

The statistics in this report include those of all companies licensed by the Transport Board to operate over specified routes, and companies operating entirely over routes not licensed by the Board. The first class has been divided into two divisions: first, the Canadian companies operating entirely in Canada, with one exception, the Trans Canada Air Lines which operates across Canada, and also one route from Vancouver to Seattle, U.S.A., and second, the International companies which operate between Canada and the United States. The operations of the first class are divided between licensed and unlicensed routes. When a flight to or from a non licensed point is made in conjunction with licensed route service, the statistics of the entire flight are classed as "licensed route."

The second class includes only operators engaged principally in transportation service and does not include operators of flying schools nor operators taking passengers for short flights and landing at point of take off, commonly known as "barn stormers." Some of the operators included do engage in instruction flying in addition to the transportation of passengers and freight from port to port.

No attempt has been made to estimate mileage for such flying as forestry patrol, fishery patrol, photography, surveying, advertising, school instruction, exhibitions, etc. The hours flown in such service, however, are compiled as well as the hours flown in transportation service. The Ontario and Manitoba governments operate air craft in forestry and game services and although the flying in these services includes both patrol and transportation of supplies, etc., the hours flown in both classes are included with forestry and fishery patrol respectively.

....Continued on page 4....

Line No.		Licensed Companies			
		Licensed Routes		Unlicensed Routes	
				Total	
4.	Miles Flown by Aircraft - Revenue	2,485,184	397,655	2,882,839	
5.	" " " " - Non Revenue	-	-	154,112	
6.	" " " " - TOTAL	-	-	3,036,951	
7.	Passengers Carried - Revenue	31,100	3,948	35,048	
9.	" " " " - Non Revenue	-	-	2,440	
10.	" " " " - TOTAL	-	-	37,488	
11.	Freight Carried - Revenue (lb.)	2,068,485	1,851,603	3,920,088	
13.	" " " " - Non Revenue "	130,013	9,539	139,552	
14.	" " " " - TOTAL "	2,198,489	1,861,142	4,059,640	
15.	Mail Carried "	648,772	-	648,772	
16.	Passenger Miles - Revenue	11,775,507	381,279	12,156,786	
17.	" " " " - Non Revenue	1,143,893	9,442	1,153,335	
18.	" " " " - TOTAL	12,919,400	390,721	13,310,121	
19.	Ton Miles - Freight - Revenue	148,085	82,965	231,050	
20.	" " " " - Non Revenue	29,720	508	30,228	
21.	" " " " - TOTAL	177,805	83,473	261,278	
22.	Ton Miles - Mail	219,057	-	219,057	
		<u>Hr.</u> <u>M.</u>	<u>Hr.</u> <u>M.</u>	<u>Hr.</u> <u>M.</u>	
24.	Hours Flown by Aircraft - Revenue Transportation	18,409	04	4,018	02
25.	" " " " - Non Revenue "	-	-	-	-
26.	" " " " - Forestry Patrol	-	-	-	-
27.	" " " " - Fishery Patrol	-	-	-	-
28.	" " " " - Photography	-	-	-	-
29.	" " " " - Advertising	-	-	-	-
30.	" " " " - School - Instruction	-	-	-	-
31.	" " " " - Exhibition - Miscellaneous	-	-	-	-
32.	" " " " - TOTAL	-	-	-	-
33.	" " " " Crew	-	-	-	-
24.	" " " " Passengers- Revenue- Non Revenue	-	-	-	-
35.	Horse Power Hours Flown (Thousands)	-	-	-	-
36.	Gasoline Consumed (Gallons)	-	-	-	-
37.	Lubricating Oil Consumed (Gallons)	-	-	-	-
38.	Number of Employees (on Last Day)	-	-	-	-
39.	Total Salaries and Wages for Quarter \$	-	-	-	-
(1) Purchased in Canada.					
(2) For Canadian companies only.					

JULY, AUGUST, SEPTEMBER, 1940.

Unlicensed Companies	Total Canadian Companies	International Licensed Companies	Grand Total Third Quarter	Total Second Quarter	Total First Quarter	Line No.
117,314	3,000,153	85,377	3,085,530	2,507,292	2,120,906	4.
498,440	652,552	3,801	656,353	522,896	353,756	5.
615,745	3,652,705	89,178	3,741,883	3,030,188	2,474,662	6.
2,977	38,025	6,136	44,161	32,452	28,002	7.
6,560	9,000	443	9,443	5,404	3,999	9.
9,537	47,025	6,579	53,604	37,856	32,001	10.
229,307	4,149,395	15,012	4,164,407	2,619,111	2,549,633	11.
1,782,433	1,921,985	294	1,922,279	919,706	558,450	13.
2,011,740	6,071,320	15,306	6,086,686	3,538,817	3,108,083	14.
-	648,772	41,051	689,823	532,811	739,082	15.
143,599	12,300,385	381,850	12,682,235	9,373,853	6,083,389	16.
487,578	1,640,913	32,449	1,673,362	1,219,566	960,253	17.
631,177	13,941,298	414,299	14,355,597	10,593,419	7,043,642	18.
21,433	252,483	1,002	253,485	222,906	191,079	19.
44,372	74,600	5	74,605	49,601	41,043	20.
65,805	327,083	1,007	328,090	272,507	232,122	21.
-	219,057	2,662	221,719	140,330	132,220	22.
<u>Hr.</u> <u>M.</u>	<u>Hr.</u> <u>M.</u>	<u>Hr.</u> <u>M.</u>	<u>Hr.</u> <u>M.</u>	<u>Hr.</u> <u>M.</u>	<u>Hr.</u> <u>M.</u>	
1,194 25	23,621 31	962 37	24,584 08	19,604 48	17,343 52	24.
1,298 10	2,149 16	22	2,149 38	1,765 34	1,549 40	25.
4,365 15	4,406 20	-	4,406 20	1,648 15	25 20	26.
36 55	36 55	-	36 55	30 05	23 25	27.
68 55	220 25	15	220 40	294 20	168 30	28.
2 25	2 25	48	3 13	- -	- 30	29.
222 05	400 23	40 09	440 32	1,086 37	1,235 46	30.
50 00	285 16	9 20	294 36	297 30	296 50	31.
7,238 10	31,122 31	1,013 31	32,136 02	24,727 09	20,643 53	32.
8,000 25	51,894 42	2,483 00	54,377 42	43,650 67	34,293 27	33.
6,892 15	96,133 42	8,543 39	104,677 21	78,582 00	51,782 43	34.
49,743	64,589	1,411	66,000	27,826	16,750	35.
92,817	1,114,627	(1) 40,670	1,155,297	945,072	750,607	36.
3,778	21,844	23	21,867	15,639	14,415	37.
128	1,393	-	(2) 1,393	(2) 1,308	(2) 1,202	38.
130,942	672,274	-	(2) 672,274	(2) 598,212	(2) 525,469	39.



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In counting passengers, freight, and mail carried, duplications are avoided by counting passengers as ticketed and freight and mail as way billed.

Miles, hours, etc., for international companies are for operations over Canadian territory, and passengers, freight and mail include both inbound and outbound, and for one company flying between United States ports with stops at Canadian air ports, they include also passengers and freight on board while crossing over Canadian territory.

Miles flown by air craft in transportation service is the route miles flown.

Mail carried includes only mail matter carried on postal contracts. Mail matter carried for companies and individuals from post offices to mines etc., is computed as freight. Because of the practice of the post office of resorting mail at division points there is an unavoidable duplication of pounds of mail reported carried, but mail billed through is counted only once irrespective of the number of aircraft carrying it.

Hours flown by crew include hours flown by the pilot and all other personnel engaged in the flying operation. Thus 100 hours flown by an aircraft with a pilot, a co-pilot, an engineer and a stewardess, would produce 400 crew hours.
