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**DOMINION BUREAU OF STATISTICS**  
**TRANSPORTATION AND PUBLIC UTILITIES BRANCH**  
**OTTAWA**

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CIVIL AVIATION

SEPTEMBER, 1941.

Passenger traffic by air for September amounted to 18,612 revenue passengers carried for a total of 5,596,803 passenger miles or an average passenger journey of 300 miles. This was a decrease of 7.4 p.c. from the number of passengers carried in August. For the nine months, January - September, 135,992 revenue passengers were carried compared with 105,015 carried during the first nine months of 1940. This was an increase of 29 p.c., and the average journey increased from 268 to 302 miles or by 12.7 p.c., thus increasing the passenger miles by 46 p.c.

Revenue freight carried by air carriers increased from 1,169,873 lbs. in August to 1,365,784 lbs. and for the first nine months amounted to 11,037,528 lbs. as against 9,333,151 lbs. for the first nine months of 1940, an increase of 18 p.c., and the revenue ton miles increased from 667,470 in 1940 to 756,456 or by 13 p.c.

Mail carried during September amounted to 272,063 lbs. as against 282,615 lbs. during August and for the first nine months of 1941 it amounted to 2,406,420 lbs. as against 1,961,716 for the first nine months of 1940, an increase of 23 p.c., and the mail ton miles increased by 28 p.c.

Aircraft in revenue transportation service flew 69,432 hours during January - September 1941, as against 61,076 hours in 1940, and in all services 86,801 hours as against 76,693 hours in 1940. The gasoline consumed by Canadian carriers and purchased in Canada by international companies amounted to 3,463,713 gallons in 1941 and 2,850,976 gallons in the nine months of 1940. This was an average for all classes of aircraft used and in all services of 37 to 39 gallons per hour flown.

The average monthly number of employees rose from 1,301 in 1940 to 1,646 in 1941 and the September number was 1,736 as against 1,718 for August.

SUBJECT TO REVISION

CIVIL AVIATION

| Line No. |  | Licensed Companies | Unlicensed Companies |  |
|----------|--|--------------------|----------------------|--|
| 4.       | Miles Flown by Aircraft - Revenue                | 959,704            | 33,693               |  |
| 5.       | " " " " - Non Revenue                            | 68,948             | 106,995              |  |
| 6.       | " " " " - TOTAL                                  | 1,028,652          | 140,688              |  |
| 7.       | Passengers Carried - Revenue                     | 12,786             | 688                  |  |
| 9.       | " " " " - Non Revenue                            | 502                | 1,386                |  |
| 10.      | " " " " - TOTAL                                  | 13,288             | 2,074                |  |
| 11.      | Freight Carried - Revenue (1b.)                  | 1,218,158          | 139,319              |  |
| 13.      | " " " " - Non Revenue                            | 35,597             | 245,771              |  |
| 14.      | " " " " - TOTAL                                  | 1,253,755          | 385,090              |  |
| 15.      | Mail Carried                                     | 222,520            | -                    |  |
| 16.      | Passenger Miles - Revenue                        | 4,980,621          | 36,790               |  |
| 17.      | " " " " - Non Revenue                            | 213,861            | 230,947              |  |
| 18.      | " " " " - TOTAL                                  | 5,194,482          | 267,737              |  |
| 19.      | Ton Miles - Freight - Revenue                    | 79,645             | 2,010                |  |
| 20.      | " " " " - Non Revenue                            | 11,919             | 7,948                |  |
| 21.      | " " " " - TOTAL                                  | 91,564             | 9,958                |  |
| 22.      | " " " " - Mail                                   | 75,556             | -                    |  |
| 24.      | Hours Flown by Aircraft - Revenue Transportation | 7,290              | 326                  |  |
| 25.      | " " " " - Non Revenue                            | 254                | 531                  |  |
| 26.      | " " " " - Forestry Patrol                        | 10                 | 550                  |  |
| 27.      | " " " " - Fishery Patrol                         | -                  | 53                   |  |
| 28.      | " " " " - Photography                            | 17                 | -                    |  |
| 29.      | " " " " - Advertising                            | -                  | -                    |  |
| 30.      | " " " " - School - Instruction                   | 187                | 20                   |  |
| 31.      | " " " " - Exhibition - Miscellaneous             | 73                 | 20                   |  |
| 32.      | " " " " - TOTAL                                  | 7,831              | 1,500                |  |
| 33.      | " " " " Crew                                     | 16,471             | 1,543                |  |
| 34.      | " " " " Passengers - Revenue - Non Revenue       | 34,762             | 1,650                |  |
| 35.      | Horse Power Hours Flown (Thousands)              | 7,882              | 485                  |  |
| 36.      | Gasoline Consumed (Gallons)                      | 334,149            | 24,897               |  |
| 37.      | Lubricating Oil Consumed                         | 7,882              | 723                  |  |
| 38.      | Number of Employees (2)                          | 1,609              | 127                  |  |
| 39.      | Total Salaries and Wages \$ (2)                  | 248,245            | 25,674               |  |
|          | <u>OPERATING REVENUES</u> (3)                    |                    |                      |  |
| 40.      | Passenger (including Excess Baggage)             | \$370,353          | -                    |  |
| 41.      | Mail   | 296,256            | -                    |  |
| 42.      | Other Transportation Revenues                    | 99,369             | -                    |  |
| 43.      | Incidental Revenues                              | 41,944             | -                    |  |
| 44.      | TOTAL  | \$807,922          | -                    |  |
|          | <u>OPERATING EXPENSES</u> (3)                    |                    |                      |  |
| 45.      | Aircraft Operation and Maintenance               | \$505,997          | -                    |  |
| 46.      | Ground Operation and Maintenance                 | 142,311            | -                    |  |
| 47.      | Incidental Services                              | 15,282             | -                    |  |
| 48.      | Traffic  | 34,502             | -                    |  |
| 49.      | General Administration                           | 36,710             | -                    |  |
| 50.      | General Taxes                                    | 3,557              | -                    |  |
| 51.      | TOTAL  | \$738,359          | -                    |  |
| 52.      | Net Operating Revenues (3)                       | \$ 69,563          | -                    |  |

(1) Purchased in Canada.

(2) For Canadian Companies only.

SEPTEMBER, 1941

|  | Total Canadian<br>Companies | International<br>Licensed Companies | Total<br>September | Total 9 months<br>1941<br>January-September | Total 9 months<br>1940<br>January - September | Line<br>No. |
|--|-----------------------------|-------------------------------------|--------------------|---|---|-------------|
|  | 993,397                     | 84,395                              | 1,077,792          | 9,126,429                                   | 7,713,728                                     | 4.          |
|  | 175,943                     | 2,065                               | 178,008            | 1,877,183                                   | 1,533,005                                     | 5.          |
|  | 1,169,340                   | 86,460                              | 1,255,800          | 11,003,612                                  | 9,246,733                                     | 6.          |
|  | 13,474                      | 5,138                               | 18,612             | 135,992                                     | 105,015                                       | 7.          |
|  | 1,888                       | 438                                 | 2,326              | 19,367                                      | 18,846  | 9.          |
|  | 15,362                      | 5,576                               | 20,938             | 155,359                                     | 123,861                                       | 10.         |
|  | 1,357,477                   | 8,307                               | 1,365,784          | (x) 11,037,528                              | 9,333,151                                     | 11.         |
|  | 281,368                     | 9,113                               | 290,481            | 3,731,052                                   | 3,400,435                                     | 13.         |
|  | 1,638,845                   | 17,420                              | 1,656,265          | 14,768,580                                  | 12,733,586                                    | 14.         |
|  | 222,520                     | 49,543                              | 272,063            | 2,406,420                                   | 1,961,716                                     | 15.         |
|  | 5,017,411                   | 579,392                             | 5,596,803          | 41,039,145                                  | 28,153,477                                    | 16.         |
|  | 444,808                     | 31,049                              | 475,857            | 4,023,329                                   | 3,853,181                                     | 17.         |
|  | 5,462,219                   | 610,441                             | 6,072,660          | 45,062,474                                  | 32,006,658                                    | 18.         |
|  | 81,655                      | 2,788                               | 84,443             | 756,456                                     | 667,470                                       | 19.         |
|  | 19,867                      | 1,222                               | 21,089             | 163,196                                     | 165,249                                       | 20.         |
|  | 101,522                     | 4,010                               | 105,532            | 919,652                                     | 832,719                                       | 21.         |
|  | 75,556                      | 5,139                               | 80,695             | 632,414                                     | 494,269                                       | 22.         |
|  | 7,616                       | 612                                 | 8,228              | 69,432                                      | (x) 61,076                                    | 24.         |
|  | 785                         | 9                                   | 794                | 5,713                                       | (x) 5,168                                     | 25.         |
|  | 560                         | -                                   | 560                | 6,496                                       | (x) 6,080                                     | 26.         |
|  | 53                          | -                                   | 53                 | 141   | (x) 90  | 27.         |
|  | 17                          | -                                   | 17                 | 373   | (x) 683                                       | 28.         |
|  | -                           | -                                   | -                  | 1   | (x) 4   | 29.         |
|  | 207                         | -                                   | 207                | 3,834                                       | (x) 2,726                                     | 30.         |
|  | 93                          | 3                                   | 96                 | 811   | (x) 866                                       | 31.         |
|  | 9,331                       | 624                                 | 9,955              | 86,801                                      | (x) 76,693                                    | 32.         |
|  | 18,014                      | 1,647                               | 19,661             | 168,053                                     | (x) 129,937                                   | 33.         |
|  | 36,412                      | 4,071                               | 40,483             | 299,608                                     | (x) 223,780                                   | 34.         |
|  | 8,367                       | 895                                 | 9,262              | 83,934                                      | (x) 75,851                                    | 35.         |
|  | 359,046                     | (1) 32,047                          | 391,093            | 3,463,713                                   | 2,850,976                                     | 36.         |
|  | 8,605                       | (1) 400                             | 9,005              | 79,586                                      | 51,921  | 37.         |
|  | 1,736                       | -                                   | 1,736              | (4) 1,646                                   | (4) 1,301                                     | 38.         |
|  | 273,919                     | -                                   | 273,919            | 2,257,758                                   | 1,736,555                                     | 39.         |
|  | -                           | -                                   | \$370,353          | \$2,750,328                                 | -   | 40.         |
|  | -                           | -                                   | 296,256            | 2,721,253                                   | -   | 41.         |
|  | -                           | -                                   | 99,369             | 883,658                                     | -   | 42.         |
|  | -                           | -                                   | 41,944             | 308,876                                     | -   | 43.         |
|  | -                           | -                                   | \$807,922          | \$6,664,115                                 | -   | 44.         |
|  | -                           | -                                   | \$505,997          | \$4,193,068                                 | -   | 45.         |
|  | -                           | -                                   | 142,311            | 1,188,692                                   | -   | 46.         |
|  | -                           | -                                   | 15,282             | 96,349                                      | -   | 47.         |
|  | -                           | -                                   | 34,502             | 296,992                                     | -   | 48.         |
|  | -                           | -                                   | 36,710             | 291,841                                     | -   | 49.         |
|  | -                           | -                                   | 3,557              | 31,753                                      | -   | 50.         |
|  | -                           | -                                   | \$738,359          | \$6,098,695                                 | -   | 51.         |
|  | -                           | -                                   | \$ 69,563          | \$ 565,420                                  | -   | 52.         |

(3) For Canadian Companies operating over licensed routes.

(x) Revised.

(4) Monthly average.

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