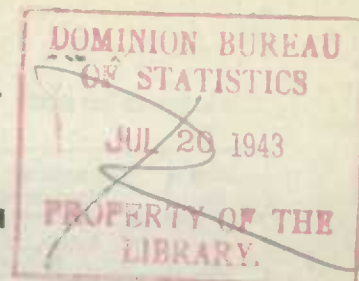Published by Authority of the Hon. James A. MacKINNON, M.P.,
Minister of Trade and Commerce.

## DOMINION BUREAU OF STATISTICS

## TRANSPORTATION & PUBLIC UTILITIES BRANCH

## OTTAWA

Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S Wrong, B.Sc.

## CIVIL AVIATION

## MARCH, 1943

Revenue passengers carried by air carriers numbered 22,054 for March, which was only slightly below the record reached in June, 1942. The increase over March 1942 traffic was 4,365 passengers or 25 per cent. The load factor of Canadian carriers operating over licensed routes was 79 per cent for carriers reporting available seat miles. These accounted for 77 per cent of the total passenger miles. For the international carriers the load factor was 62 per cent (the load factor is the ratio of passenger miles, revenue and non revenue to the available seat miles).

Freight traffic increased from 980,246 lbs. in March last year to 1,128,882 lbs., and mail increased from 391,995 to 600,927 lbs.

Revenues of Canadian licensed carriers increased from $870,243 in March, 1942 to $1,230,453. Operating expenses increased from $843,183 to $1,139,167, and net operating revenues increased from $27,060 to $91,286.

Averages per aircraft mile were 6.0 passengers, 228 pounds of freight and 287 pounds of mail as compared with 4.9, 181 and 182 respectively, in March 1942.

16/7/43

Price per year $1.50.

CIVIL AVIATION

| Line No. | Licensed Companies | Unlicensed Companies | Total Canadian Companies | International Licensed Companies | Total (b) March, 1945 | |
|---|---|---|---|---|---|---|
| 4. | 1,130,126 | 36,429 | 1,166,555 | 49,672 | 1,210,789 | |
| 5. | 33,088 | 8,169 | 41,257 | - | 41,257 | |
| 6. | 1,163,214 | 44,598 | 1,207,812 | 49,672 | 1,252,046 | |
| 7. | 16,858 | 1,573 | 16,431 | (a) 6,679 | (a) 22,054 | |
| 9. | 167 | 109 | 276 | 241 | 512 | |
| 10. | 70 | 166 | 236 | 65 | 295 | |
| 11. | 17,095 | 1,848 | 18,943 | 6,985 | 22,861 | |
| 12. | 1,043,001 | 13,472 | 1,056,473 | (a) 87,046 | (a) 1,128,882 | |
| 14. | 73,764 | 34,915 | 108,679 | 7,202 | 115,669 | |
| 15. | 1,116,765 | 48,387 | 1,165,152 | 94,248 | 1,244,551 | |
| 16. | 520,602 | 27,948 | 548,550 | 80,806 | 600,927 | |
| 17. | 6,702,991 | 113,852 | 6,816,843 | 548,925 | 7,316,792 | |
| 18. | 43,383 | 6,282 | 49,665 | 24,623 | 74,108 | |
| 19. | 46,082 | 10,917 | 56,999 | 6,125 | 62,963 | |
| 20. | 6,792,456 | 131,051 | 6,923,507 | 579,673 | 7,453,863 | |
| 21. | 114,765 | 944 | 115,709 | 6,450 | 121,998 | |
| 22. | 14,246 | 1,313 | 15,559 | 727 | 16,284 | |
| 23. | 129,011 | 2,257 | 131,268 | 7,177 | 138,282 | |
| 24. | 165,424 | 1,142 | 166,566 | 4,117 | 170,399 | |
| 26. | 8,170 | 358 | 8,528 | 348 | 8,845 | |
| 27. | 286 | 82 | 368 | - | 368 | |
| 28. | - | 20 | 20 | - | 20 | |
| 29. | - | 6 | 8 | - | 6 | |
| 30. | - | - | - | - | - | |
| 31. | - | - | - | - | - | |
| 32. | 253 | - | 253 | - | 253 | |
| 33. | 32 | - | 32 | 1 | 35 | |
| 34. | 8,741 | 466 | 9,207 | 349 | 9,525 | |
| 35. | 18,507 | 559 | 19,066 | 1,051 | 20,025 | |
| 36. | 43,805 | 1,219 | 45,024 | 4,032 | 48,769 | |
| 37. | 11,507 | 215 | 11,722 | 636 | 12,293 | |
| 38. | 436,476 | 12,270 | 448,746 | (1) 42,186 | 474,596 | |
| 39. | 10,675 | 237 | 10,912 | (1) 453 | 10,982 | |
| 40. | 2,660 | 115 | 2,775 | - | 2,775 | |
| 41. | 446,458 | 21,757 | 468,215 | - | 468,215 | |
| 42. | 560,788 | - | - | - | 560,788 | |
| 43. | 383,559 | - | - | - | 383,559 | |
| 44. | 150,077 | - | - | - | 150,077 | |
| 45. | 136,029 | - | - | - | 136,029 | |
| 46. | 1,230,453 | - | - | - | 1,230,453 | |
| 47. | 655,490 | - | - | - | 655,490 | |
| 48. | 277,714 | - | - | - | 277,714 | |
| 49. | 80,101 | - | - | - | 80,101 | |
| 50. | 54,065 | - | - | - | 54,065 | |
| 51. | 65,302 | - | - | - | 65,302 | |
| 52. | 6,495 | - | - | - | 6,495 | |
| 53. | 1,139,167 | - | - | - | 1,139,167 | |
| 54. | 91,286 | - | - | - | 91,286 | |
| 55. | 138 | 102 | 137 | 143 | 137 | |
| 56. | 116 | 100 | 112 | - | 112 | |
| 57. | 138 | 101 | 136 | 143 | 136 | |
| 58. | 5.9 | 3.1 | 5.8 | 11.1 | 6.0 | |
| 59. | 5.8 | 2.9 | 5.7 | 11.7 | 6.0 | |
| 60. | 203 | 52 | 198 | 260 | 202 | |
| 61. | 222 | 101 | 217 | 289 | 228 | |
| 62. | 293 | 63 | 286 | 166 | (4) 287 | |
| 63. | 2.1 | 1.2 | 2.1 | 3.0 | 2.1 | |
| 64. | 398 | 72 | 370 | 82 | 332 | |
| 65. | 49.9 | 26.3 | 48.7 | - | 48.7 | |
| 66. | 37.9 | 57.1 | 38.3 | - | 38.3 | |

(1) Purchased in Canada.     (2) For Canadian Companies only.     (3) For Canadian Companies operating over
(4) Licensed and International Companies only.                                                 licensed routes.

MARCH, 1943

| | Total (b) February, 1943 | Total (b) March, 1942 | Line No. |
|---|---|---|---|
| Miles Flown by Aircraft - Revenue | 991,139 | 1,051,049 | 4. |
| "        "        "        " - Non Revenue | 50,804 | 41,230 | 5. |
| "        "        "        " - TOTAL | 1,041,943 | 1,092,279 | 6. |
| Passengers Carried - Revenue | (a) 17,977 | 17,689 | 7. |
| "        "        - Company Employees | 490 | 820 | 9. |
| "        "        - Non Revenue | 251 | 532 | 10. |
| "        "        - TOTAL | 18,718 | 19,041 | 11. |
| Freight Carried - Revenue        (lb.) | (a) 1,481,145 | 980,246 | 12. |
| "        "        - Non Revenue | 133,528 | 89,230 | 14. |
| "        "        - TOTAL | 1,614,673 | 1,069,476 | 15. |
| Mail Carried | 514,127 | 391,995 | 16. |
| Passenger Miles - Revenue | 6,134,708 | 5,047,143 | 17. |
| "        "        - Company Employees | 79,752 | 134,895 | 18. |
| "        "        - Non Revenue | 52,122 | 136,864 | 19. |
| "        "        - TOTAL | 6,266,582 | 5,318,902 | 20. |
| Ton Miles - Freight - Revenue | 103,468 | 87,160 | 21. |
| "        "        -        "        - Non Revenue | 17,328 | 11,743 | 22. |
| "        "        -        "        - TOTAL | 120,796 | 98,903 | 23. |
| "        "        - Mail | 140,490 | 95,654 | 24. |
| Hours Flown by Aircraft - Revenue Transportation | 7,000 | 7,801 | 26. |
| "        "        "        "        - Non Revenue        " | 516 | 405 | 27. |
| "        "        "        "        - Forestry Patrol | 13 | 37 | 28. |
| "        "        "        "        - Fishery        " | — | 4 | 29. |
| "        "        "        "        - Photography | 5 | 20 | 30. |
| "        "        "        "        - Advertising | — | — | 31. |
| "        "        "        "        - School - Instruction | 89 | 189 | 52. |
| "        "        "        "        - Exhibition - Miscellaneous | 78 | 126 | 33. |
| "        "        "        "        - TOTAL | 7,701 | 8,582 | 34. |
| "        "        "        Crew | 16,521 | 18,431 | 35. |
| "        "        "        Passengers - Revenue - Non Revenue | 40,784 | 34,882 | 36. |
| Horse Power Hours Flown        (Thousands) | 10,022 | 9,714 | 37. |
| Gasoline Consumed        ( Gallons ) | 396,642 | 399,859 | 38. |
| Lubricating Oil Consumed        " | 8,605 | 9,445 | 39. |
| Number of Employees        (2) | 2,685 | 1,853 | 40. |
| Total Salaries and Wages        $        (2) | 451,996 | 308,959 | 41. |
| OPERATING REVENUES        $        (3) | | | |
| Passenger (including Excess Baggage) | 462,418 | 317,931 | 42. |
| Mail | 343,206 | 314,041 | 43. |
| Other Transportation Revenue | 134,942 | 127,585 | 44. |
| Incidental Revenues | 122,631 | 110,686 | 45. |
| TOTAL | 1,063,197 | 870,243 | 46. |
| OPERATING EXPENSES        $        (3) | | | |
| Aircraft Operation and Maintenance | 655,171 | 546,521 | 47. |
| Ground Operation and Maintenance | 270,931 | 168,040 | 48. |
| Incidental Services | 69,855 | 45,725 | 49. |
| Traffic | 37,602 | 35,455 | 50. |
| General Administration | 57,711 | 40,791 | 51. |
| General Taxes | 3,091 | 6,651 | 52. |
| TOTAL | 1,094,361 | 843,183 | 53. |
| Net Operating Revenues | Dr. 31,364 | 27,060 | 54. |
| AVERAGES | | | |
| Aircraft Miles per hour - Revenue Transportation | 142 | 135 | 55. |
| "        "        "        "        - Non Revenue        " | 98 | 102 | 56. |
| "        "        "        "        - TOTAL | 139 | 133 | 57. |
| Passengers per Aircraft Mile - Revenue Passengers | 6.2 | 4.8 | 58. |
| "        "        "        "        - TOTAL | 6.0 | 4.9 | 59. |
| Freight per Aircraft Mile - Revenue Freight        (lb.) | 209 | 166 | 60. |
| "        "        "        "        - TOTAL | 232 | 181 | 61. |
| Mail per Aircraft Mile | (4) 289 | (4) 182 | 62. |
| Crew        "        Hour | 2.1 | 2.1 | 63. |
| Revenue Passenger Journey        (miles) | 341 | 285 | 64. |
| Gasoline per Aircraft Hour        (Gallons)        (2) | 49.5 | 44.2 | 65. |
| "        "        1,000 H.P. Hours        "        (2) | 38.6 | 40.1 | 66. |

(a) Includes traffic between foreign stations over Canadian routes, 1,411 passengers, 47,215 lbs. of freight and 23,376 lbs. of mail, March, 1943 and 1,184 passengers and 40,795 lbs. of freight, February, 1943.
(b) Excludes duplications.