

The treatment of air navigation in this part of the Year Book is confined to civil aviation; the military activities and organizations are dealt with under National Defence (see "Air Service" in the Index). The subject is introduced with a section dealing with the history and administrative control of civil aviation and this is followed by sections on facilities and equipment, finances and employees, and traffic, along the lines of the treatment adopted in this chapter for other forms of transportation.

The collection and compilation of statistics of civil aviation was transferred from the Branch of the Controller of Civil Aviation to the Bureau of Statistics in 1936. To preserve continuity with aviation statistics published in previous Year Books a statistical summary of civil aviation for the years 1931 to 1936 is given below in Table 1. The statistics collected for 1936 have been somewhat enlarged and consequently no comparisons with similar data for previous years can be made for items appearing in other tables of this Part.

1.—Statistical Summary of Civil Aviation in Canada, 1931-36.

NOTE.—Figures for 1921-23 may be found at p. 616 of the 1924 edition of the Year Book, for 1924-29 at p. 661 of the 1930 edition, and for 1930 at p. 698 of the 1936 Year Book.

Item.	1931.	1932.	1933.	1934.	1935.	1936.
	No.	No.	No.	No.	No.	No.
General Analysis.						
Firms manufacturing aircraft.....	7	7	7	6	10	7
Firms chiefly operating aircraft.....	100	73	87	125	123	116
Firms using aircraft as auxiliary service.....	4	4	3	3	7	12
Aircraft flights made.....	144,080	102,219	106,252	128,031	153,211	108,582 ¹
Aircraft hours flown.....	73,645	56,170	53,299	75,871	88,451	76,443 ²
Approximate aeroplane mileage.....	5,280,958	2,786,609	2,733,642	3,430,475	4,314,192	—
Approximate float seaplane mileage.....	1,553,721	1,503,157	1,641,911	—	—	42 ³
Approximate boat seaplane mileage.....	180,620	198,792	99,433	3,067,162	3,207,910	—
Approximate amphibian mileage.....	30,950	80,573	63,319	—	—	—
Total aircraft mileage.....	7,046,276	4,569,131	4,538,315	6,497,637	7,522,102	7,100,401 ³
Average flight duration (minutes).....	30	33	30	36	34	42 ³
Pilots carried.....	144,080	102,219	106,252	128,031	153,211	108,582 ¹
Passengers and crew carried.....	100,128	76,800	85,006	105,306	177,472	115,834 ²
Total personnel carried.....	244,208	179,019	191,258	233,337	330,683	224,416 ³
Pilots carried one mile (pilot miles).....	7,046,276	4,569,131	4,538,315	6,497,637	7,522,102	7,100,401 ³
Passengers and crew carried 1 mile (passenger miles).....	4,073,552	2,869,799	3,816,862	6,266,475	7,936,950	11,272,716 ³
Total personnel carried 1 mile (personnel miles).....	11,119,828	7,438,930	8,355,177	12,764,112	15,459,052	18,373,117 ³
Total freight or express carried (lb.).....	2,372,467	3,129,974	4,205,901	14,441,179	17,615,910 ⁴	22,947,105 ²
Total mail carried (lb.).....	470,461	413,687	539,358	625,040	1,126,084	1,107,060 ³
Licensed Civil Air Harbours.						
Total air harbours (all types).....	83	83	90	101	96	155
Licensed Civil Aircraft.¹						
Aeroplanes (single-engined).....	466	416	331	—	—	—
Aeroplanes (twin-engined).....	—	—	1	—	—	—
Aeroplanes (triple-engined).....	1	1	—	—	—	—
Float seaplanes (single-engined).....	466	416	331	—	—	—
Boat seaplanes (single-engined).....	23	26	12	—	—	—
Amphibians (single-engined).....	5	2	1	—	—	—
Total aircraft (all types).....	495	445	345	368	380	450
Licensed Civil Air Personnel.						
Commercial pilots.....	2	2	474	405	414	380
Limited commercial pilots.....	—	—	—	—	—	65
Transport pilots.....	—	—	—	—	—	42
Private pilots.....	2	2	405	429	496	559
Air engineers.....	2	2	403	461	472	533
Unlicensed air mechanics employed.....	140	52	60	61	318	55

¹ These figures show duplication, since practically all aeroplanes are convertible to float seaplanes.
² The basis of classification was changed in 1935. Figures on the old basis for 1929-34 will be found at p. 746 of the 1934-35 edition of the Year Book.
³ Commercial air traffic only.
⁴ Revised since the publication of the 1936 Year Book.