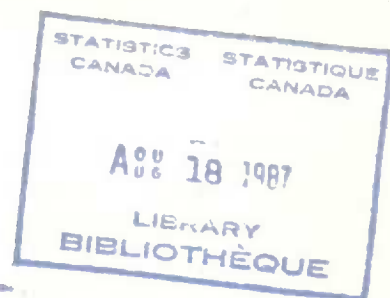


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CANADA



THE AIRCRAFT AND PARTS INDUSTRY 1951



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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 4 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries; **Volume II**—Manufacturing; **Volume III**—Construction; **Volume IV**—Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I—General Review of the Manufacturing Industries, \$1.50.
- II—The Manufacturing Industries, by Provinces
 - Section 1. Principal Statistics of Major Industrial Groups and Leading Industries, 50¢.
 - Section 2. Principal Statistics of Individual Industries, 75¢.
 - Section 3. Principal Statistics by Regional Distribution, 75¢.
- III—Foods and Beverages
- IV—Tobacco and Tobacco Products
- V—Rubber Products
- VI—Leather Products
- VII—Textiles
- VIII—Wood and Paper Products
- IX—Printing Trades
- X—Iron and Steel Products
- XI—Transportation Equipment
- XII—Non-ferrous Metal Products
- XIII—Electrical Apparatus and Supplies
- XIV—Non-metallic Mineral Products
- XV—Products of Petroleum and Coal
- XVI—Chemicals and Allied Products
- XVII—Miscellaneous Manufactures

The present report belongs in Part XI, Transportation Equipment. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A—General Review, 25¢.
- B—The Aircraft and Parts Industry, 25¢.
- C—The Bicycle Manufacturing Industry, 25¢.
- D—The Boat Building Industry, 25¢.
- E—The Motor Vehicles Industry, 25¢.
- F—The Motor Vehicle Parts Industry, 25¢.
- G—The Railway Rolling Stock Industry, 25¢.
- H—The Shipbuilding Industry, 25¢.
- I—The Miscellaneous Transportation Equipment Industry, 25¢.

THE AIRCRAFT AND PARTS INDUSTRY

1951

The aircraft and parts industry, as reviewed in this report, is made up of the primary assembly plants and also the establishments which were occupied solely or chiefly in making aircraft parts.

Production from this industry in 1951 amounted to \$117,188,078, an advance of 112 per cent over the \$55,267,621 reported in 1950. Workers employed by the 23 plants in this group numbered 19,198, and \$59,558,317 were paid in salaries

and wages. The amount paid for materials for use in manufacturing was \$36,291,613, and the amount paid for fuel and power was \$1,492,895.

In the 8 assembly plants which constitute the core of the industry there were 15,943 workers in 1951, and production, including an output value of \$34,701,964 for complete aircraft, was valued at \$96,846,396.

TABLE 1. Principal Statistics of the Aircraft and Parts Industry, 1947-1951

Year	Number of plants	Number of employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works	Net ¹ value of production
			\$	\$	\$	\$	\$
1947	12	9,374	21,422,060	749,639	16,190,747	44,303,576	27,363,190
1948	11	8,049	19,829,987	833,111	18,287,931	45,600,172	26,479,130
1949	14	10,725	27,443,498	1,070,016	24,315,084	61,099,075	35,713,975
1950	15	10,549	30,174,821	1,209,143	18,149,951	55,267,621	35,908,527
1951	23	19,198	59,558,317	1,492,895	36,291,613	117,188,078	79,403,570
Per cent change: 1951 from 1950	—	+82.0	+97.4	+23.5	+100.0	+112.0	+121.1

Note. Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

1. Gross value less cost of materials, fuel and electricity.

TABLE 2. Principal Statistics, by Subdivisions of Industry, 1950 and 1951

	Number of plants	Number of employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Selling value of products at works
			\$	\$	\$	\$
1950						
Assembly plants	4	8,929	26,179,576	1,003,859	14,843,388	45,714,677
Parts plants only	11	1,620	3,995,245	205,284	3,306,563	9,552,944
Total	15	10,549	30,174,821	1,209,143	18,149,951	55,267,621
1951						
Assembly plants	6	15,943	50,914,470	1,192,090	28,039,392	96,846,396
Parts plants only	17	3,255	8,643,847	300,805	8,252,221	20,341,682
Total	23	19,198	59,558,317	1,492,895	36,291,613	117,188,078

TABLE 3. Principal Statistics, by Provinces, 1950 and 1951

Province	Number of plants	Number of employees	Salaries and wages for year	Cost of fuel and electricity at works	Cost of materials at works	Selling value of products at works
			\$	\$	\$	\$
1950						
Quebec	5	4,753	14,122,313	412,857	9,888,837	27,638,545
Ontario	6	4,877	14,038,603	673,757	7,177,576	23,961,222
Nova Scotia	1	919	2,013,905	122,529	1,083,538	3,667,854
Manitoba	2					
Alberta	1					
Canada	15	10,549	30,174,821	1,209,143	18,149,951	55,267,621
1951						
Quebec	9	8,950	27,124,974	571,994	23,464,403	53,427,598
Ontario	10	8,658	28,613,214	785,102	10,951,295	56,909,976
Nova Scotia	1	1,590	3,820,129	135,799	1,875,915	6,850,504
Manitoba	2					
Alberta	1					
Canada	23	19,198	59,558,317	1,492,895	36,291,613	117,188,078

TABLE 4. Products made in the Aircraft and Parts Industry, 1950 and 1951

Product	1950		1951	
	Quantity	Selling value at works	Quantity	Selling value at works
	Number	\$	Number	\$
Total aircraft completed in year	85	2,666,348	1	34,701,964
Aircraft being built, but not completed at year end (value of work done)	—	17,085,935	—	39,109,841
Repairs to aircraft (value of work done)	—	10,238,619	—	14,974,438
Aircraft parts manufactured	—	7,458,268	—	16,980,234
All other products manufactured, including value of work done on developing aircraft and engines	—	19,133,770	—	24,274,984
Total of above items	—	56,582,938	—	130,021,461
Less value of work done in previous year on aircraft completed in current year	—	1,315,317	—	12,833,383
Total value of production	—	55,267,621	—	117,188,078

1. Not available for publication

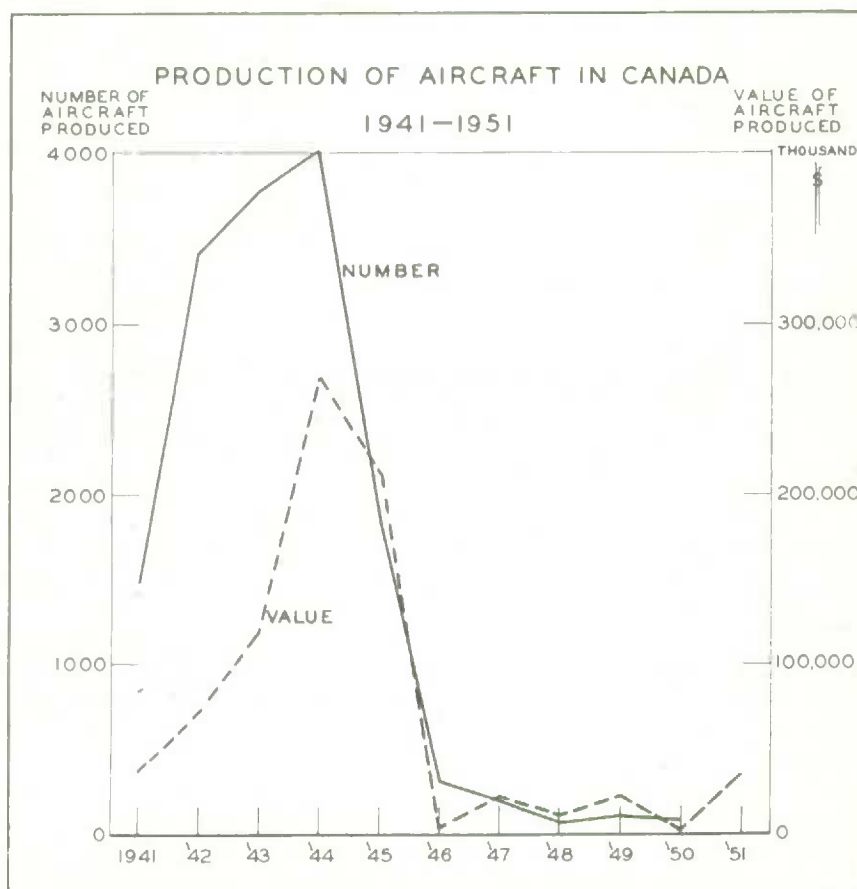


TABLE 5. Production of Aircraft in Canada, 1942-1951

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1942	3,409	70,274,104	1947	199	20,305,382
1943	3,792	119,432,707	1948	65	11,816,393
1944	4,095	269,879,520	1949	117	22,931,615
1945	1,822	211,861,554	1950	85	2,666,348
1946	308	3,700,453	1951	1	34,701,964

1. Not available for publication.

TABLE 6. Imports of Aircraft and Complete Parts Thereof, not Including Engines, 1950 and 1951

Item	1950		1951	
	Number	Value \$	Number	Value \$
Aircraft not over 1,500 lb. wt.:				
From United Kingdom	—	—	6	48,879
From United States	66	217,404	78	234,774
Aircraft 1,501 to 3,000 lb. wt.:				
From United States	16	94,973	24	177,264
Aircraft 3,001 to 7,500 lb. wt.:				
From United Kingdom	2	81,347	2	81,242
From United States	5	130,188	48	2,960,409
Aircraft over 7,500 lb. wt.:				
From United Kingdom	—	—	4	409,028
From Egypt	—	—	3	75,081
From Mexico	—	—	1	10,550
From United States	26	691,220	104	4,781,118
Total aircraft	115	1,215,132	268	8,778,345
Aircraft parts	—	9,727,274	—	32,660,039

TABLE 7. Imports of Aircraft Engines and Complete Parts, 1950 and 1951

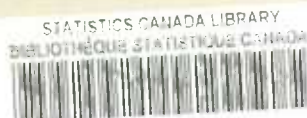
Item	1950		1951	
	Number	Value \$	Number	Value \$
Engines, aircraft, up to 200 h.p.:				
From United Kingdom	76	107,617	28	29,414
From United States	88	80,760	140	137,135
Engines, aircraft, 201 to 500 h.p.:				
From United Kingdom	11	43,459	32	159,144
From United States	26	49,212	105	370,197
Engines, aircraft, 501 to 1,000 h.p.:				
From United States	91	296,585	130	524,696
Engines, aircraft, over 1,000 h.p.:				
From United Kingdom	40	1,010,733	66	1,169,827
From Egypt	—	—	6	36,165
From France	—	—	1	26,000
From United States	273	1,860,101	341	10,791,524
Total aircraft engines	605	3,448,467	849	13,244,102
Parts of aircraft engines	—	4,427,620	—	6,361,894

TABLE 8. Exports and Re-Exports of Aircraft and Parts, 1950 and 1951

		1950	1951
EXPORTS¹			
Aircraft	No.	68	57
	\$	789,376	1,655,732
Aircraft parts	\$	3,593,853	5,868,613
Total exports	\$	4,383,229	7,524,345
RE-EXPORTS²			
Aircraft	No.	19	40
	\$	174,573	1,346,245
Aircraft parts	\$	1,476,403	1,288,834
Total re-exports	\$	1,650,976	2,635,079

1. Made in Canada.

2. Foreign-made goods re-exported.



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TRANSPORTATION EQUIPMENT

TABLE 9. Employees and Their Earnings in the Aircraft and Parts Industry, 1948 - 1951

Year	Number of Employees					Earnings		
	Supervisory and office		Production and related workers		Total employees	Supervisory and office	Production and related workers	Total earnings
	Male	Female	Male	Female				
						\$	\$	\$
1948	1,848	557	5,480	164	8,049	6,935,128	12,894,859	19,829,987
1949	2,522	721	7,237	245	10,725	9,496,511	17,946,987	27,443,498
1950	2,735	845	6,764	205	10,549	11,447,778	18,727,043	30,174,821
1951	4,122	1,363	13,365	348	19,198	19,417,203	40,141,114	59,558,317

Directory of Firms in the Aircraft and Parts Industry, 1951

Name of firm	Location of plant
Nova Scotia:	
Fairey Aviation Co. of Canada Ltd.	Eastern Passage
Quebec:	
Aircraft Industries of Canada Limited	Municipal Airport, St. Johns
Aviation Electric Limited	3483 Park Ave., Montreal
Bristol Aeroplane Engines (Eastern) Limited	6259 Notre Dame St. E., Montreal
Canadian Car & Foundry Company Limited*	Montreal
Canadian Pratt & Whitney Aircraft Co. Ltd.	150 Lorne Ave., Longueuil
Canadair Limited*	Montée St. Laurent, St. Laurent
Curtiss-Reid Manufacturing Co. Ltd.	10500 Montée St. Laurent, Ville St. Laurent
Godfrey Engineering Co. Ltd.	480 Metropolitan Blvd., Lachine
Heroux Machine Parts Limited	73 Chambly Rd., Longueuil
Ontario:	
Canadian Car & Foundry Co. Ltd.	Montreal St., Fort William
De Havilland Aircraft of Canada, Limited*	Sheppard Ave., Downsview
Dowty Equipment of Canada, Limited	Ajax
Genaire Limited	Municipal Airport, St. Catharines
Keicher Engineering	79 King St. S., Waterloo
Magor Aviation Limited	Argyle Road, Galt
Prencos Progress & Engineering Corp. Ltd.	72-74 Stafford St., Toronto
Roe, A. V., Canada Limited*	Malton
Found Brothers Aviation Ltd.*	Malton
Sanderson Aircraft Limited	Malton
Manitoba:	
MacDonald Bros. Aircraft Limited	Stevenson Field, Winnipeg
Prairie Equipment & Radiators Limited	310 Burnell St., Winnipeg
Alberta:	
Northwest Industries Limited	Municipal Airport, Edmonton

Note. This is not intended to be a complete directory of firms which make aircraft and parts. It is merely a list of the concerns which have been classified to this industry for statistical purposes. It includes the main assembly plants and also the firms which were occupied solely or chiefly in making aircraft parts. The assembly plants are indicated by an (*).