

STATISTICAL SUMMARYOF CIVIL AVIATION FOR THE YEAR1936C A N A D ALicenses

During the year 491 air pilots or air engineers' licenses were granted. Also 249 aircraft registration certificates and 81 airworthiness certificates were granted to operators.

	<u>Issued</u>	<u>Extended</u>	<u>Lapsed</u>	<u>Renewed</u>	<u>Cancelled.</u>
Private Air Pilots	312	136	398	154	5
Commercial Air Pilots	10	289	318	296	46
Limited Commercial Air Pilots	54	31	11	8	2
Transport Pilots	44	25	4	3	1
Air Engineers	71	45	38	37	6
Private Aircraft	45	--	16	14	15
Commercial Aircraft	204	--	36	32	133

Totals in force December 31st, 1936.

Private Air Pilots	559
Commercial Air Pilots	380
Limited Commercial Pilots	65
Transport Pilots	42
Air Engineers	533
Private Aircraft	73
Commercial Aircraft	402
Airharbours	98

Accidents.

In accordance with Air Regulations, aircraft operators are required to report all accidents involving death or injury to personnel or damage to aircraft. During the year, 18 accidents involving death or injury were reported and Boards of Enquiry were convened to determine the cause of each accident. In addition, 85 accidents involving damage to aircraft only, were reported.

Light Aeroplane Clubs.

A further extension of the Club scheme was granted and revised Standard Conditions authorized. During the year grants were paid for 222 private and 32 commercial air pilot's licenses. Twenty-four aircraft were issued for training purposes. Twenty-two clubs were in operation during the year.

The activities of the club were:- Members 2,492. Aircraft used, 66. Members under instruction, 645. Hours flown, 17,324.01.

Aircraft Operators.

One hundred and twenty-seven commercial aircraft operators were variously engaged in transportation of mail, passengers, and freight, flying instruction, air photography, timber cruising, forest and fishery patrols, demonstrations, mining exploration and prospecting, etc. These firms were located as follows: 2 in Nova Scotia, 3 in New Brunswick, 19 in Quebec, 54 in Ontario, 7 in Manitoba, 7 in Saskatchewan, 12 in Alberta, 21 in British Columbia, and 2 in the Yukon.

TABLE

TABLE

TABLE 1. Summary of the results of the analysis of the data obtained from the experiments conducted during the period from January 1, 1950, to December 31, 1950.

Year	1950	1951	1952	1953	1954
1	100	100	100	100	100
2	100	100	100	100	100
3	100	100	100	100	100
4	100	100	100	100	100
5	100	100	100	100	100
6	100	100	100	100	100
7	100	100	100	100	100
8	100	100	100	100	100
9	100	100	100	100	100
10	100	100	100	100	100

TABLE 2. Summary of the results of the analysis of the data obtained from the experiments conducted during the period from January 1, 1950, to December 31, 1950.

100	100	100	100	100	100
100	100	100	100	100	100
100	100	100	100	100	100
100	100	100	100	100	100
100	100	100	100	100	100
100	100	100	100	100	100
100	100	100	100	100	100
100	100	100	100	100	100
100	100	100	100	100	100
100	100	100	100	100	100

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Forest fire protection and exploratory operations were carried out by the Air Services owned and operated by the Provinces of Ontario, Manitoba and Saskatchewan.

#### TRANS-CANADA AIRWAY DEVELOPMENT.

The construction of intermediate aerodromes and landing fields, hangars, buildings and radio stations on the Trans-Canada Airway progressed favourably during the year 1936.

Construction work proceeded on 42 locations. Where possible, winter work on clearing, rock cutting and other work that could be economically done was continued. Steel and concrete fireproof hangars were completed at Wagaming, Kapuskasing, Emsdale and Megantic. Caretakers' cottages were completed at Wagaming, Kapuskasing, Gillies, Emsdale, Reay and Killaloe.

On July 1st, 1936, the unemployment relief projects on the construction of aerodromes was stopped and the Civil Aviation Branch of the Department of National Defence (now Department of Transport) took over the construction work. Much of this work was done by day labour, but contracts were let where it appeared to be economically sound.

The situation in regard to aerodromes and landing fields may be summarized as follows to December 31st, 1936.

Intermediate Aerodromes and Landing Fields where preliminary development has been completed .....	18
Intermediate Aerodromes and Landing Fields under construction .....	34
Sites acquired but not under construction .....	9
Intermediate Aerodromes completed prior to 1930 .....	30
Municipal and Public Airports forming part of the Trans-Canada Airway .....	17

#### Wireless Services.

The two radio stations erected at Ottawa and St. Hubert were in operation and experimental work was continued during the early part of the year. During the latter part of the year radio and range beacon experimental work was carried out in the Vancouver - Lethbridge - Edmonton section.

#### St. Hubert Airport.

The Montreal-Albany International Air Mail and the summer service of the Montreal-Rimouski Air Mail Services were operated from the Government Airport at St. Hubert, P. Q.





The following is a summary of activities at this airport for the year: -

Aircraft in .....	455
" out .....	450
Passengers in .....	893
" out .....	1400
Freight in (lbs.) .....	8456
" out (lbs.) .....	----
Mail in .....	94920
" out .....	66185
Aircraft imported).....	5
Value .....	\$20,106.57
Aircraft exported).....	2
Value .....	\$15,000.00

#### Air Mail Service.

During 1936, thirty-five regular air mail services were operated by Commercial firms, under Post Office Contracts; 1,159,834 pounds of mail were carried, 905,545 Route miles were flown, 6,880 Single trips were made. The following services were maintained: -

Yearly Services: - Cameron Bay-Coppermine, Central Manitoba & Northern Ontario, Winnipeg-Diana, Kenora-Red Lake, Sioux Lookout- Casummit Lake, Sioux Lookout-Red Lake, Fort Chipewyan-Goldfields, McMurray-Smith, Smith-Resolution, Resolution-Simpson, Simpson-Aklavik, Fort Resolution-Cameron Bay, GodsLake-Cross Lake-Norway House, Goldfields-Fond du Lac, Kenora-Cole, Kenora-Whitefish Bay, Moncton-Charlottetown, Prince Albert-Goldfields, Prince Albert-Ile a la Crosse-Lac la Ronge, Sioux Lookout-Pickle Crow, Vancouver-Seattle, Vancouver-Victoria, Winnipeg-God's Lake & Ilford, Montreal-Albany, Ottawa-Montreal, Haileybury-Mud Lake, Winnipeg-Pembina, Kenora-Machin.

Summer Services:- Montreal-Rimouski.

Winter Services:- Havre St. Pierre-Port Menier, Quebec-Sept Iles, Sept Iles-Natashquan, Leamington-Pelee Island, Atlin-Telegraph Creek, Charlottetown, Magdalen Islands.

#### Statistics.

The following summary includes all operations of Commercial and provincial-owned aircraft, light aeroplane clubs and air mail operators, in fact, all flying in Canada except Federal Government and Private-owned aircraft.

	1934	1935	1936
Aircraft miles .....	6,497,637	7,522,102	8,991,042
Flights .....	128,031	153,211	160,014
Hours .....	75,871	88,451	101,953
Passengers .....	105,306	177,472	118,666
Passenger miles .....	6,266,475	7,936,950	10,105,936
Freight and Express (lbs.) .....	14,441,179	17,615,910	25,387,719
Mail (lbs.) (Contract) .....	625,040	1,126,084	1,159,934.





SUMMARY OF LIGHT AEROPLANE CLUBS' ACTIVITIES FOR YEAR ENDING DECEMBER 31ST, 1936

LIGHT AEROPLANE CLUBS	MEMBERS	AIRCRAFT IN USE	MEMBERS UNDER INSTRUCTION	HOURS FLOWN	GRANTS AWARDED FOR PILOTS TRAINED.	
					PRIVATE	COMMERCIAL
1. Aero Club of B. C.	137	4	6	889.50	4	-
2. Brandon Flying Club	20	2	4	220.00	5	-
3. Brant & Norfolk Aero Club	103	3	40	565.45	8	-
4. Border Cities Aero Club	102	3	26	850.35	8	3
5. Cape Breton Flying Club	69	3	27	216.05	3	1
6. Calgary Aero Club	78	2	47	1279.02	13	2
7. Edmonton Aero Club	114	4	6	980.34	23	2
8. Fort William Aero Club	35	2	21	274.40	5	1
9. Halifax Aero Club	50	2	12	495.25	-	4
10. Hamilton Aero Club	136	2	27	937.50	12	2
11. Flying Club of Kingston	70	3	23	716.30	16	-
12. Kitchener-Waterloo Flying Club, Inc.	70	1	20	354.05	-	-
13. London Flying Club Ltd.	85	2	44	1071.25	8	-
14. Montreal Light Aeroplane Club, Inc.	150	5	8	933.30	9	4
15. Moose Jaw Flying Club, Ltd.	45	3	30	700.10	19	1
16. Ottawa Flying Club	120	5	70	704.10	4	2
17. Regina Flying Club	58	1	34	509.50	16	1
18. Saskatoon Flying Club	63	3	31	774.27	20	-
19. Saint John Flying Club	48	4	14	344.10	3	1
20. St. Catharines Flying Club	51	2	47	320.00	7	-
21. Toronto Flying Club	506	7	44	2761.00	15	4
22. Winnipeg Light Aeroplane Club	382	3	64	1424.58	24	4
TOTALS FOR 1936 - 12 MONTHS	2492	66	645	17324.01	222	32
TOTALS FOR 1935	2,400	81	536	13,819.31	165	33
TOTALS FOR 1934	2,200	82	535	10,581.33	133	21
TOTALS FOR 1933	2,075	68	499	9,971.59	120	26
TOTALS FOR 1932	2,703	68	872	10,450.55	129	27
TOTALS FOR 1931	2,915	72	673	11,507.32	111	48
TOTALS FOR 1930	3,643	70	703	14,686.44	178	59
TOTALS FOR 1929	5,233	65	904	16,612.50	175	58
TOTALS FOR 1928	2,403	34	598	8,124.30	111	28

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