

Expansion of the weather forecasting services of the Meteorological Division of the Department of Transport has been made possible by the establishment of additional weather-observing stations in Arctic and sub-Arctic regions. Canada has undertaken to maintain for meteorological purposes, a weather-observing station, manned by three weather ships in the Pacific Ocean, 300 miles off Vancouver Island. This weather station was established in December 1950 as a result of Canada's undertaking with International Civil Aviation Organization.

Royal Canadian Flying Clubs.—At the end of 1951, there were 36 member clubs of the Royal Canadian Flying Clubs Association with a total membership of 4,000. In 1950 there were 34 member clubs. During the year 1951, with 1950 figures in brackets, instructional hours flown totalled 51,190 (25,659) and the number of aircraft utilized for instructional purposes was 140 (127). The number of students instructed and graduated as private pilots was 709 (601). In 1951 there were 116 who graduated as commercial pilots.

Air Industries and Transport Association.—Commercial flying schools that are members of the Air Industries and Transport Association numbered 44 at the end of 1951 as compared with 57 in 1950. During the year 1951, with 1950 figures in brackets, the number of students instructed and graduated as private pilots was 516 (597) and the number graduated as commercial pilots 134 (not separately listed in 1950). The number of instructional hours flown was 33,063 (33,854).

International Air Agreements.—In recent years, Canada has been a signatory to agreements concerning civil aviation with Australia and New Zealand; Belgium, Germany, Ireland, Iceland, Netherlands, Portugal, Sweden and the United Kingdom; and with the United States.

Section 2.—Air Services

Air Transport Services.—These services are grouped into two broad classes—Scheduled Services and Non-Scheduled Services.

Scheduled Services provide regular point-to-point service on scheduled advertised routes and Non-Scheduled Services include:—

- (1) Specific Point Services from a designated base to specific points on the basis of unit rates that may be undertaken as the traffic warrants and that are not on a time schedule;
- (2) Chartered Services operated on the basis of the private chartering of an entire aircraft for a specific trip;
- (3) Contract Air Services which operate on one or more specific contracts. These do not operate on a time schedule nor need the contractor take the entire space of the aircraft;
- (4) Specialty Air Services concerned with large-scale forestry and utility surveys according to some specific agreement.

Trans-Canada Air Lines.—During the years 1950 and 1951, with two exceptions, emphasis was placed on increasing service on existing routes rather than geographic expansion of operations. On Apr. 1, 1950, a service between Montreal and New York was inaugurated; this service ties in with the Toronto-New York service, and four flights daily are operated on these routes.