

# CANADA

## AIR TRANSPORTATION NETWORK

Produced by the Geographical Services Division, Surveys and Mapping Branch, Energy, Mines and Resources Canada. Printed 1984.

Copies of this map may be obtained from the Canada Map Office, Energy, Mines and Resources Canada, Ottawa, or your nearest map dealer. Quote MCR 4102.

Des exemplaires de cette carte sont disponibles en français. Précisez MCR 4102F.

© 1984, Her Majesty the Queen in Right of Canada, Department of Energy, Mines and Resources.

Scale 1:7 500 000 or 1 centimetre represents 75 kilometres  
0 75 150 225 300 375 450 Kilometres  
Lambert Conformal Conic Projection, Standard Parallels 49°N and 77°N.  
Modified Polyconic Projection, North of Latitude 80°.

### DOMESTIC AIR TRANSPORTATION NETWORK, 1983

- AIRPORTS**  
○ International  
○ National  
○ Regional  
○ Local-Commercial
- CHARTER BASES**  
▲ Aerodrome Base  
▲ Other Base
- ROUTES**  
— Airway  
— Air Route  
— Company-Approved Route
- NAVIGATIONAL AIDS**  
● Selected Navigational Aid or Reporting Station

#### AIR CARRIER COMPANIES

- National Air Carriers**  
AC Air Canada  
CP Canadian Pacific Airlines Limited  
EPA Eastern Provincial Airways Limited  
NOR Nordair Ltd.  
PWA Pacific Western Airlines Limited  
QTE Quebecair
- Local Air Carriers**  
AAJ Air Alma Incorporated  
AAW Austin Airways Limited  
ABL Air B.C. Limited  
ASJ Air Satellite Incorporated  
ATW Aero Trades (Western) Limited  
BLS Bearskin Lake Air Service Limited  
CAV Calm Air International Ltd.  
CRQ Air Creebec Incorporated  
FAB Bradley Air Services Limited (First Air)
- Local Air Carriers continued**  
GBA Georgian Bay Airways  
KBA Kinnikinnick Air Ltd.  
NAH Nahanni Air Services Limited  
NKA Northern Air Limited (Norcanair)  
NOA noOnair  
NWT Northwest Territorial Airways Limited  
ONT Air Ontario Limited  
OUL Air Alouette Limited  
PAG Perimeter Airlines (Inland) Limited  
PEM Pemair Limited  
PWL Powell Air Limited  
SFS Southern Frontier Air Transport Limited  
TAF Time Air (1982) Limited  
TNT Trans North Turbo Air Limited  
VAL Voyageur Airways Limited

Note:  
1. THE INFORMATION SHOWN ON THIS MAP IS FOR GENERAL REFERENCE ONLY AND IS NOT INTENDED FOR NAVIGATIONAL USE.  
2. This map shows Canada's domestic air transportation network only; the transborder network between Canada and the continental U.S.A. is not shown, nor is the network between Canada and other foreign countries.  
3. Canada's domestic air transportation network has been largely developed as a response to commercial air services. The Canadian Transport Commission, the regulatory agency responsible for licensing air services, differentiates seven classes of domestic commercial air services: Class 1 - Scheduled; Class 2 - Regular; Class 3 - Specific Point; Class 4 - Charter; Class 5 - Contract; Class 6 - Flying Club; and Class 7 - Specially commercial air service.  
4. For the purpose of this map, the network of regularly scheduled flights for public convenience and necessity (Class 1, 2 and selected Class 3 services) is portrayed.  
5. An airport is an aerodrome to which a Transport Canada licence has been issued under the terms of the Air Regulations Act.  
6. An aerodrome is any area of land or water or other supporting surface used or intended for aircraft movement and associated activities.  
7. The airports shown are classified by Transport Canada according to their air service operations and other common characteristics as: International, National, Regional and Local-Commercial airports. In the Regional and Local-Commercial airport classes, the following aerodromes have been included: Atlatik, Baker Lake, Cambridge Bay, Clyde River, Estevan Point, Igloolik, Inukjuik, Kitchikotie, Lake Harbour, Old Crow, and Repulse Bay.  
8. International airports act as gateways to the world air transportation network. These, along with National airports, support the bulk of interprovincial travel with airports located, in general, at points of relatively high population and at all provincial and territorial capitals. The Regional Airports act as hubs to collect the more localized, regularly scheduled services and support direct access to the International and National airports. Located at the more remote communities, the Local-Commercial airports support the most localized of the regularly scheduled services and other commercial activities such as training, crop-dusting and small charters. Local airports are not shown on this map as they do not support commercial air services.

4. A charter base is any location from which CTC Class 4 - Charter Services are available. A majority of the airports shown on this map also serve as charter bases. Other charter bases, both at aerodromes and other areas, are indicated.  
5. The routes shown are the most commonly used routes flown by individual air carrier companies on regularly scheduled flights for public convenience and necessity. An Airway is an optimum routing for aircraft to follow between locations and uses airspace under Air Traffic Control. An Air Route is an optimum routing for aircraft to follow between two facilities and is established when air movements are of a permanent nature; the airspace used is not under Air Traffic Control. Though a Company-Approved Route is the same as an Air Route in technical specifications, air movements are restricted to only one or two operators.  
6. Navigational aids and reporting points are shown only when routes make a significant change in direction; those at or near airports are not shown.  
7. When the last navigational aid on a route is at some distance from the airport it serves, a linkage is shown.  
8. Air carrier companies may be generally grouped by the major geographical areas they serve. National air carrier companies operate the major transcontinental routes to provide mainline service to major centers in Canada. Regional air carriers operate local or regional routes to supplement the domestic mainline operations of the national carriers and provide regular and scheduled service into the north; the main operations of each regional carrier are carried on in one broadly defined region of Canada. The local air carriers operate routes within relatively small or local areas of Canada.  
9. The abbreviations used for the identification of individual air carrier companies on the map are the official designations of the International Civil Aviation Organization.

Research by N. J. Pooch, Geographical Research, Geographical Services Division, Surveys and Mapping Branch, Energy, Mines and Resources Canada.  
Cartography by Cartography and Topography, Geographical Services Division, Surveys and Mapping Branch, Energy, Mines and Resources Canada.

Major Sources:  
Canada, Canadian Transport Commission, 1983, Directory of Canadian Commercial Air Services/Autoroute des services aériens commerciaux du Canada, Ottawa.  
Canada, Department of Energy, Mines and Resources, 1983, Aeronautical Planning Chart Air 1601, Map Scale 1:5 000 000, Ottawa.  
1983, Enroute High Altitude Charts, Various scales, Ottawa.  
1983, Enroute Low Altitude Charts, Various scales, Ottawa.  
1983, IFR Supplement/Supplément IFR, Ottawa.  
1983, Northern Supplement, Ottawa.  
1983, Water Aerodrome Supplement/Supplément Hydroaérodromes, Ottawa.  
Canada, Transport Canada, 1981, Airport Classification System - 1981 Edition / Le Système de classification des aéroports - 1981, Ottawa.  
1982, Air Traffic Designators/Indicateurs de circulation aérienne, Ottawa.  
1983, Airports and Construction Services, Transport Canada, Ottawa.  
1983, Airport Location Identifiers/Codes d'identification d'aéroports, Transport Canada, Ottawa.  
1983, Designated Airports/Manoirs des aéroports, Transport Canada, Ottawa.  
1983, Designated Airports/Manoirs des aéroports, Transport Canada, Ottawa.

Personal Communications:  
Bar, J.R. Pacific Western Airlines Limited, Calgary, Alberta.  
Cobb, T.M. Aeronautical Chart Division, Surveys and Mapping Branch, Energy, Mines and Resources Canada, Ottawa.  
Cooper, A.H. Air Canada, Montreal, Quebec.  
Coulson, J.R. Bradley Air Services Limited, Calgary, Alberta.  
Duck, J.A. Canadian Pacific Airlines Limited, Vancouver, British Columbia.  
Grog, J.A. Passenger Transport Studies, Research Branch, Canadian Transport Commission, Ottawa.  
Jennett, N. Air Services Analysis Branch, Air Transport Committee, Canadian Transport Commission, Ottawa.  
Kigler, I. Canadian Air Transport Association, Ottawa.  
Loak, R. Quebecair Limited, Montreal, Quebec.  
McCaig, J.A. Austin Airways Limited, Toronto, Ontario.  
Sagan, M. Aeronautical Chart Division, Surveys and Mapping Branch, Energy, Mines and Resources Canada, Ottawa.  
Shaw, M. Airports and Construction Services, Transport Canada, Ottawa.  
Stoner, G.S. Planning, Programming and Development, Transport Canada, Ottawa.  
Webb, C. Planning, Programming and Development, Transport Canada, Ottawa.  
Information and data are provided by representatives of each of the air carrier companies shown on the map.