



# AIR LAW

Altimeter Setting and  
Operating Procedures

# Altimeter Setting Region

The altimeter setting region is an airspace of defined dimensions below 18,000 feet ASL (see CAR 602.35 and the figure shown) within which the following altimeter setting procedures apply:

## ➤ Departure

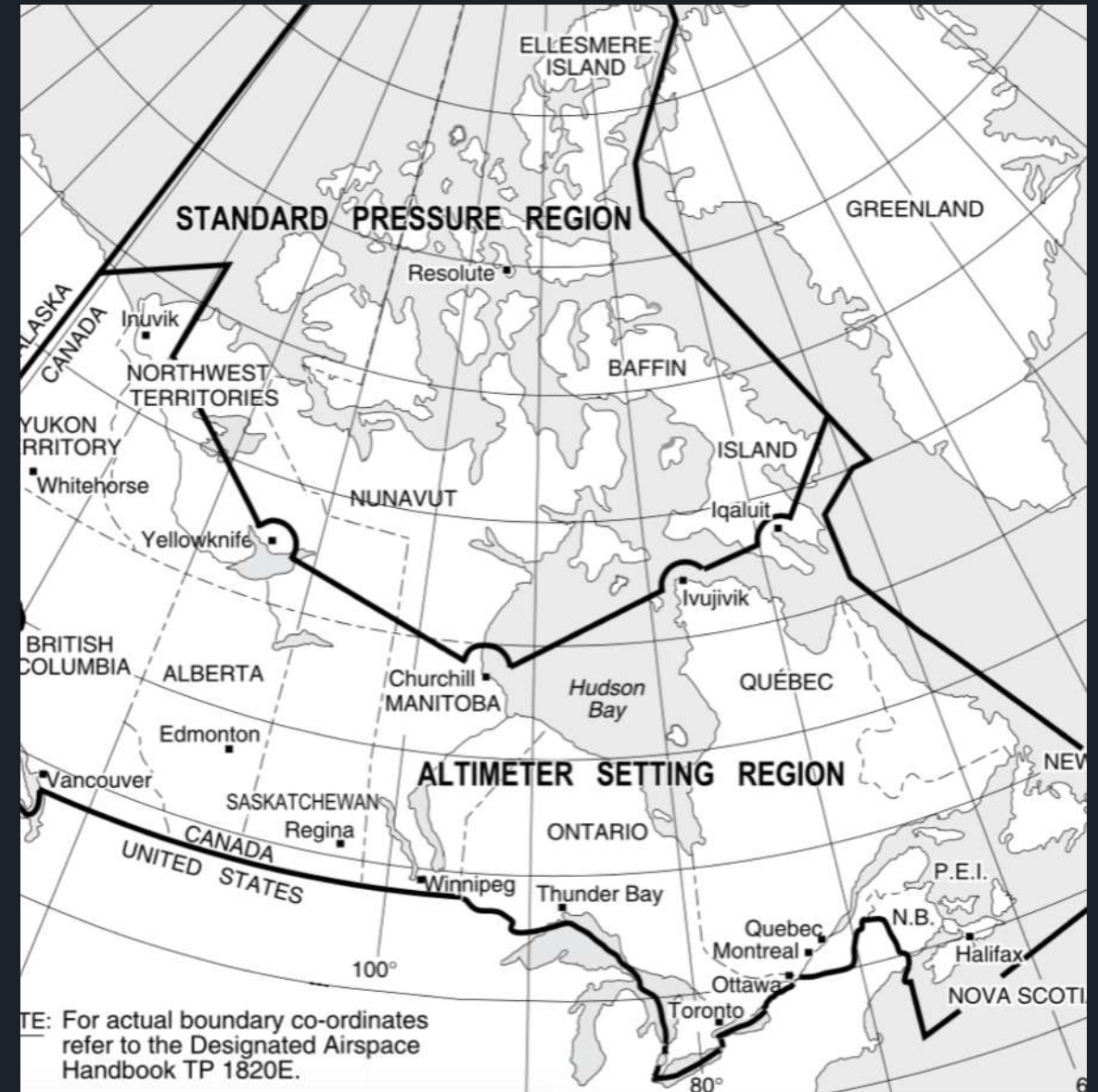
Prior to takeoff, the pilot shall set the aircraft altimeter to the current altimeter setting of that aerodrome or, if that altimeter setting is not available, to the elevation of the aerodrome

## ➤ En Route

During flight the altimeter shall be set to the current altimeter setting of the nearest station along the route of flight or, where such stations are separated by more than 150 NM, the nearest station to the route of flight.

## ➤ Arrival

When approaching the aerodrome of intended landing the altimeter shall be set to the current aerodrome altimeter setting, if available.



# Standard Pressure Region

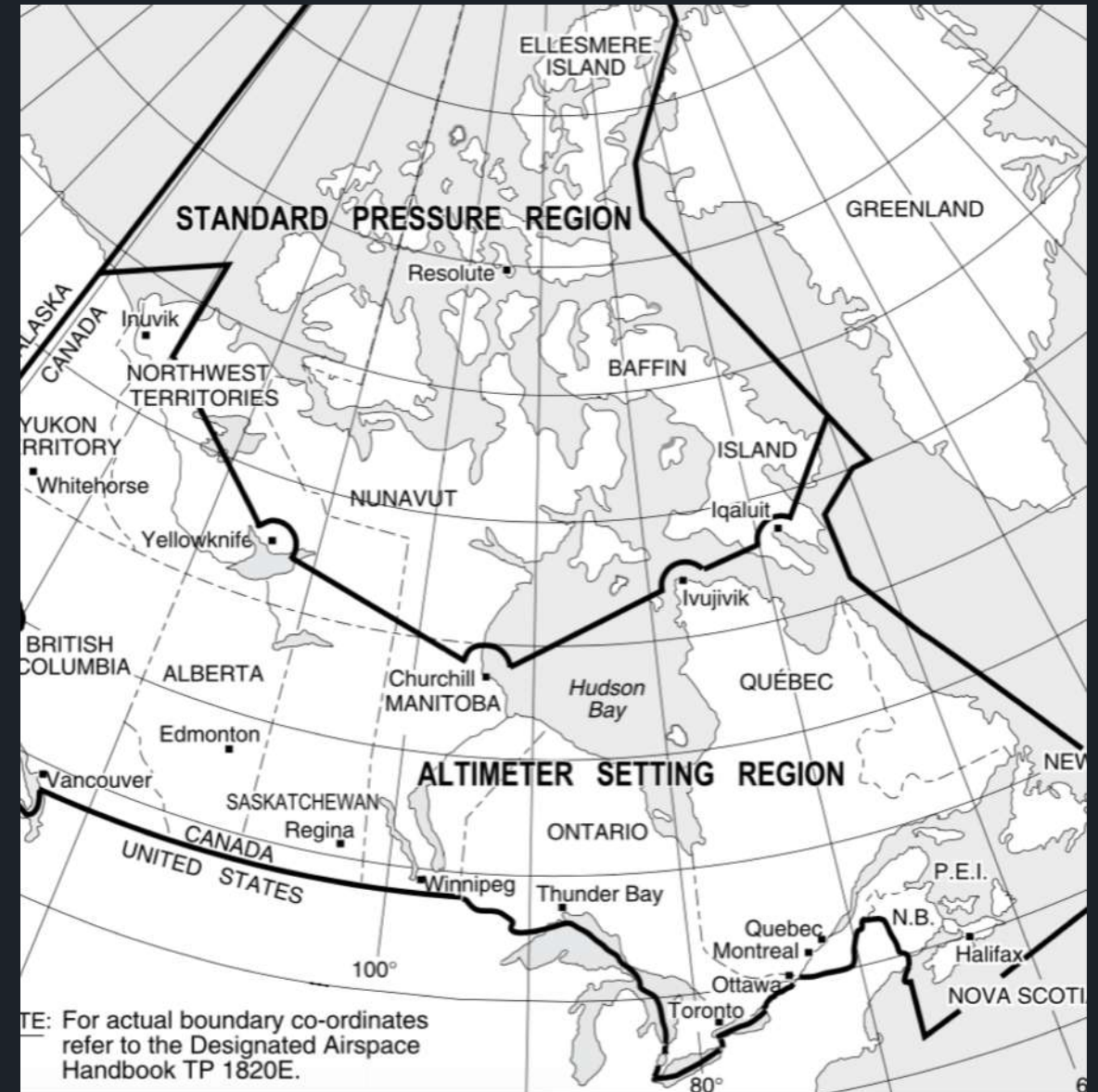
The standard pressure region includes all airspace over Canada at or above 18,000 feet ASL (the high level airspace), and all low level airspace that is outside of the lateral limit of the altimeter setting region (see the figure shown and CAR 602.36). Within the standard pressure region the following flight procedures apply :

## ➤ General

Except as otherwise indicated, no person shall operate an aircraft within the standard pressure region unless the aircraft altimeter is set to standard pressure, which is 29.92 inches of mercury or 1013.2 mbs.

## ➤ Departure

Prior to takeoff set the aircraft altimeter to the current altimeter setting of that aerodrome or, if the altimeter setting is not available, to the elevation of that aerodrome. Immediately prior to reaching the flight level at which flight is to be conducted, the altimeter shall be set to standard pressure



# Standard Pressure Region

## ➤ Arrival

Prior to commencing descent with the intention to land, the altimeter shall be set to the current altimeter setting of the aerodrome of intended landing, if available.

- However, if a holding procedure is conducted, the altimeter shall not be set to the current aerodrome altimeter setting until immediately prior to descending below the lowest flight level at which the holding procedure is conducted.
- Pilots of aircraft descending from cruising flight levels above FL 180 may reset altimeters to the current altimeter setting of the aerodrome of intended landing when approaching FL 180 provided no holding or cruise level flight below FL 180 is to be made or anticipated.

## ➤ Transitions between Pressure Regions

Except as otherwise authorized by ATC, aircraft progressing from one region to another shall make the change in the altimeter setting while within the standard pressure region prior to entering, or after leaving, the altimeter setting region.

