

AERONAUTICAL INFORMATION CIRCULAR 27/18

ALTERNATE AERODROME WEATHER MINIMA REQUIREMENTS: SATELLITE-BASED APPROACH CREDIT IN NUNAVUT, QUEBEC AND LABRADOR

Purpose of Circular

This circular advises operators of a change related to credit that may be taken for satellite-based approaches, outlined in the *Canada Air Pilot*, General Pages, "Alternate Aerodrome Weather Minima Requirements."

Background

Where a satellite-based approach is planned at both destination and alternate, the aerodromes must be separated by a minimum of 100 nautical miles (NM). This minimum distance requirement helps reduce the risk that a single illegal personal privacy device (or jammer) could affect the approaches at both aerodromes. This distance was calculated based on the worst-case scenario for an aircraft where a jammer was situated on the surface midway between destination and alternate aerodromes.

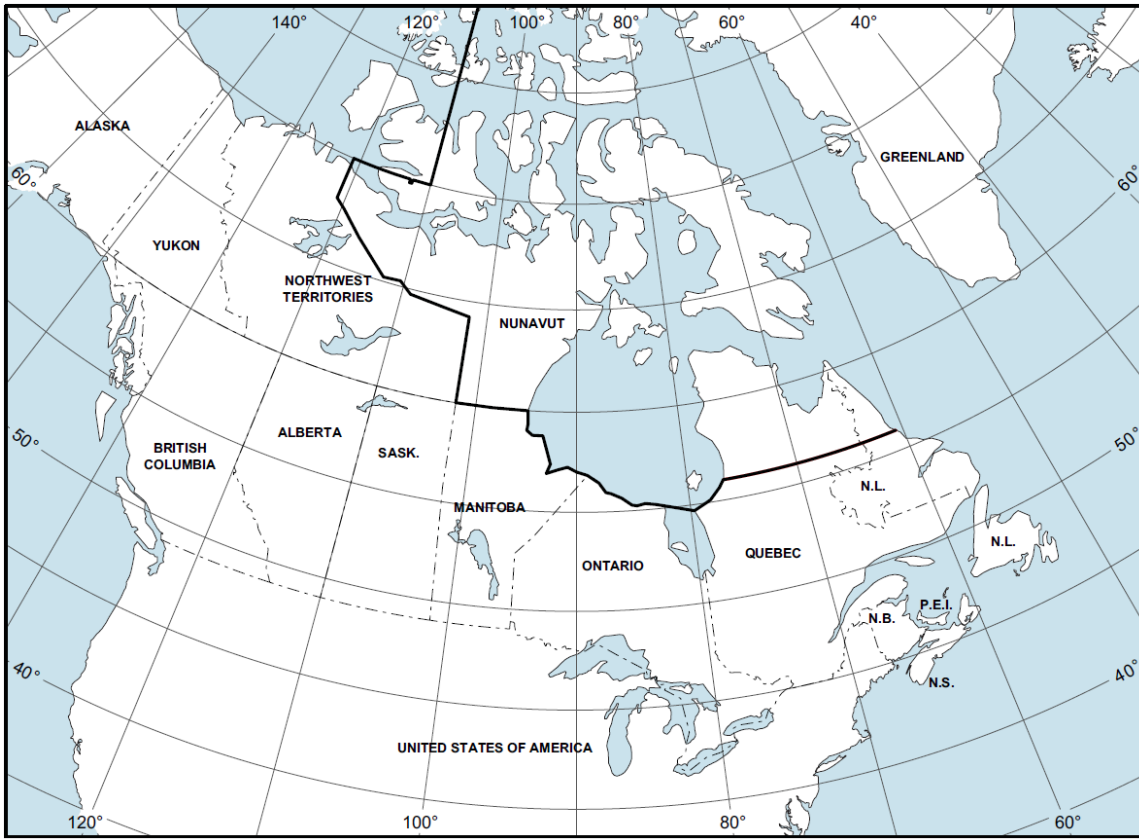
While the minimum 100 NM requirement helps to maintain safe operations using space-based approaches in populated areas, the requirement does not take into account the remote nature of certain parts of Canada where there is greatly reduced potential for a jammer to be placed midway between aerodromes.

Publication of the Changes

Effective 8 November 2018, the *Canada Air Pilot*, General Pages, "Alternate Aerodrome Weather Minima Requirements" will be amended to show:

- Where a satellite-based approach is planned at both the destination and alternate, the aerodromes must be separated by a minimum of:
 - 75 NM when both aerodromes are in either Nunavut, or north of 56 degrees North latitude in Quebec and Labrador; or
 - 100 NM when either or both aerodromes are located anywhere else in Canada.

A diagram on the following page outlines these two areas.



NOT SUITABLE FOR NAVIGATION

For further information, please contact:

NAV CANADA
Customer Service
77 Metcalfe Street
Ottawa, ON K1P 5L6

Tel.: 800-876-4693
Fax: 877-663-6656
E-mail: service@navcanada.ca

A handwritten signature in black ink, appearing to read 'James Ferrier'.

James Ferrier
Director, Aeronautical Information Management