



NOTICE OF CHANGE

CANADIAN ADS-B OUT PERFORMANCE REQUIREMENTS MANDATE

NAV CANADA, the country's provider of civil air navigation services, has conducted an Aeronautical Study to determine the minimum performance requirements in support of space-based ADS-B surveillance and supports the requirements and timelines for ATS initiatives.

Affected Airspace, Timelines and Mandated Performance Requirements

The implementation of the mandate will be in phases. The phases were selected in collaboration with stakeholders to ensure alignment and interoperability with domestic and international Performance-Based Navigation (PBN) plans, ATS standards and procedures initiatives and future traffic management and flow tools.

- Phase 1: Class A airspace and Class E airspace above FL600.
- Phase 2: Class B airspace.
- Beyond Phase 2, no sooner than January 1, 2023, Class C, D and E airspace as required and following additional stakeholder consultations.
- The ADS-B Out avionics performance standards required for the start of Phase 1 and Phase 2 are DO 260, 260A, or 260B or equivalent including broadcast antenna diversity (currently requires a broadcast antenna mounted on the aircraft top and bottom). From January 01, 2024, the minimum standard for all aircraft operating within the airspace defined by Phase 1 and Phase 2 will be RTCA/DO-260B (equivalent to EUROCAE/ED-102A) with specified data elements.
- Exemptions to the ADS-B Out performance requirements are specified in the Aeronautical Study document.

Phase 1 will take effect February 25, 2021 at 0901 Coordinated Universal Time (UTC).

Phase 2 will take effect January 27, 2022 at 0901 UTC.

The appropriate aeronautical publications will be amended.

For further information or a copy of the Aeronautical Study, please contact:

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