



Directive # 2023-D-008

Subject: Airfield Maneuvering Area Transponder (MLAT) Requirement

From: Airport Operations

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Date of Issue: 2023-05-05

Effective Date: 2023-10-13

Purpose

The purpose of this Directive is to advise operators that, with effect from **October 10, 2023**, any vehicle entering the Maneuvering Area will be required to have a functioning transponder fitted by the GTAA's approved contractor, Lakeshore Group/ Fleetcom ("Fleetcom"). This will improve safety, as it will enable Nav Canada's multilateration radar technology ("MLAT") system to identify and track the presence of the vehicle on the airfield.

The Maneuvering Area is defined (in the Airport Traffic Directives / D 2023) as: "Used for the takeoff, landing and taxiing of aircraft. It includes runways, taxiways, high speed exits (taxiways enabling aircraft at high speeds to safely exit from runways), and apron entrances /exits (apron and taxiway intersections)." It does not include the Apron Area.

The type of transponder that is required to be fitted is the Mode S, ADS-B vehicle tracker programable to transmit the assigned callsign.

This requirement is in addition to the requirement that the vehicle is fitted with a functioning VHF radio and is driven by a person issued with a valid Airside Vehicle Operating Permit ("AVOP") D permit.

Expected Action

Operators should ensure that their vehicles which are required to operate in the Maneuvering Area, are fitted with an approved, functioning transponder before October 10, 2023.

The approved transponder shall be supplied, programmed and installed by Fleetcom, at the operator's expense. Fleetcom will also arrange the registration of the transponder with Nav Canada and obtain the assigned call sign.

To make the necessary arrangements, an operator should contact:

Lakeshore Group/Fleetcom
Gabriel Sebestyen
30 Meteor Drive
Toronto, M9W 1A4
T: 416-675-2929 Ext. 230
F: 416-675-3100
E: gabriel@toronto2way.com

Operators that wish to have access to the MLAT display to monitor the movement of their vehicles, may apply for access to Nav Canada via email to service@navcanada.ca.



Craig Bradbrook
Chief Operating Officer