

174th COA – 2

Misty Airspace Complex Operations

Point of Contact:



Exemption 6

Misty Airspace Complex and Air Traffic Control Authorized Airspace (ATCAA)

Misty Airspace Complex is defined as the combination of Restricted Area R5203, as well as the Misty ATCAA. Misty ATCAA is subdivided into the Misty 1, 2, 3 ATCAA and the 'Canadian Extension' which is delegated Control Authority from NAVCANADA to Eastern Air Defense Sector (EADS) for IFR control via Cleveland Center ARTCC. The Canadian Extension is designated as CYA503 (M) in ICAO FLIP. It is Class F Canadian Restricted airspace designated for military (M) use. The rules governing access to CYA designated airspace do not correlate directly with FAA Restricted airspace, and should not be construed to be identical.

Note: The Misty ATCAA is predicated upon Letters-of-Agreement (LOAs) between Cleveland Center, Boston Center ARTCC and 174th Fighter Wing. The LOAs are included as separate attachments.

Misty Airspace will be sub-divided and scheduled IAW Standard Operating Procedures (SOPs) for Military-Use SUAS in the Northeast, as per LOA with Eastern Air Defense (EADS) Airspace Scheduling (**DSN 587-6723**).

R-5201 will be used for climb/descent to/from Class A Airspace (typically at FL 190) to facilitate routine entry and exit to the Misty Airspace Complex.

Operations area is defined laterally to the limits of the Misty Airspace Complex. Anticipated cruising altitude = FL 190, however operations will occur at all altitudes within assigned/authorized Class A airspace and R5203.

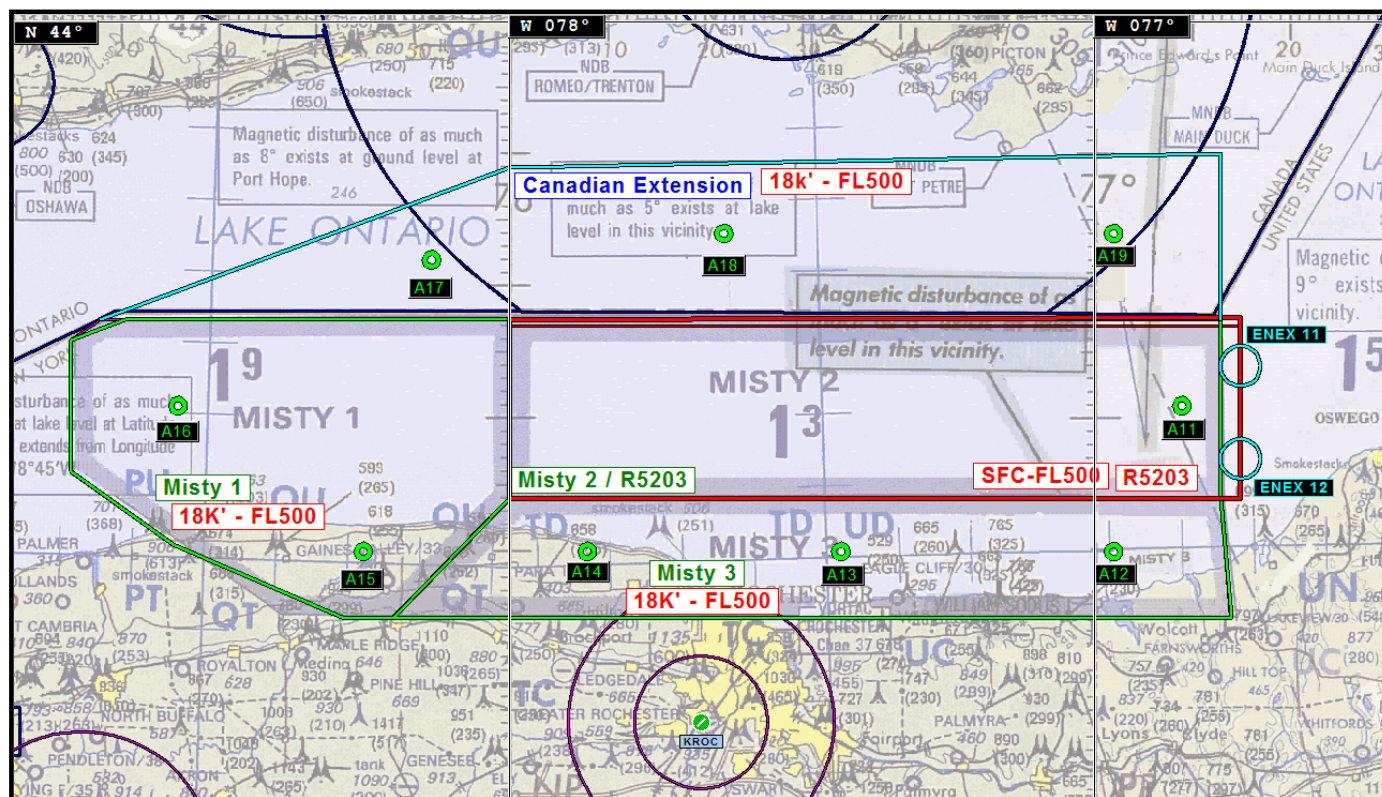
Pre-planned points are depicted in the following table; but are intended only to facilitate flight planning and navigation.

Misty Airspace Complex ENEX Points

ENEX 11 N 43° 34.0' W 076° 45.0'
 ENEX 12 N 43° 27.0' W 076° 45.0'

Misty Airspace Complex Alpha Points

A11 N 43° 31.0' W 076° 51.0'
 A12 N 43° 20.0' W 076° 58.0'
 A13 N 43° 20.0' W 077° 26.0'
 A14 N 43° 20.0' W 077° 52.0'
 A15 N 43° 20.0' W 078° 15.0'
 A16 N 43° 31.0' W 078° 34.0'
 A17 N 43° 42.0' W 078° 08.0'
 A18 N 43° 44.0' W 077° 38.0'
 A19 N 43° 44.0' W 076° 58.0'



Misty Transition Routing:

RPA routing will file stereo flight plans being developed by 174 FW Standardization and Evaluation (OGV) office, on file with ATC. All Operations will be under positive IFR control through ATC. The RPA will depart KGTB Class D airspace and spiral up to Class A inside the confines of R5201. Upon handoff to Boston Center ARTCC (ZBW), RPA will transition at assigned altitude direct to assigned Misty ENEX point (ENEX 11 shown, SYR 330/034). Cleveland ARTCC (ZOB) will clear the aircraft to operate, with any restrictions, inside the Misty Airspace Complex. This clearance relay may be delegated via hotline from ZOB to ZBW in accordance with LOA on file; and is the preferred method that has been utilized by the 174 FW for over 10 years.

Return routing will be reverse course, expected at FL190, departing ENEX 11 (or as cleared) direct to R5201 (via ENEX points or as cleared), then orbit and spiral-down in R5201. ATC handoff will be ZOB to ZBW to KGTB Approach Control, then GTBT Control Tower.

