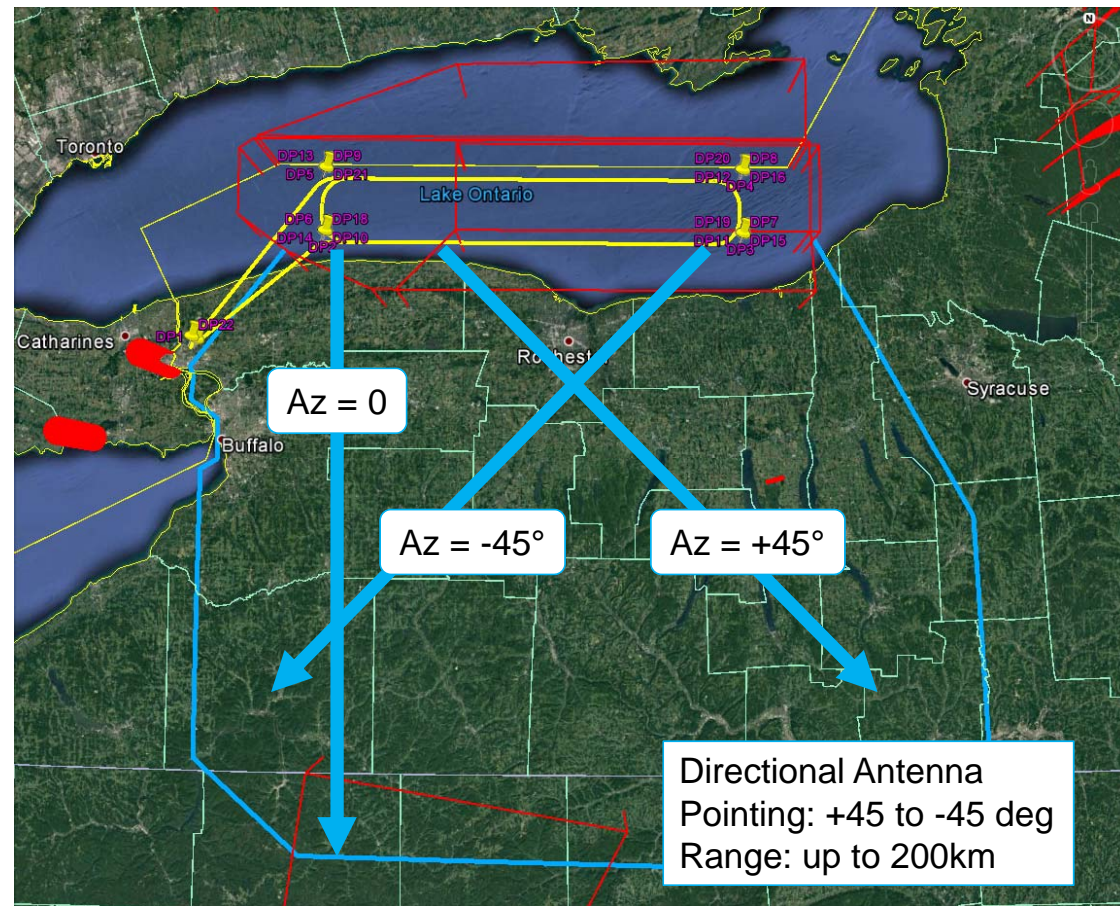


Flight Description

- The aircraft will enter and exit the racetrack flight path in (Yellow) at the west end of the racetrack from Data Point (DP) (DP1, 22)-43°6'43"N 78°57'7"W.
- The aircraft will continue following the yellow flight path, which is within the MISTY MOA (Red).
- The radar will be transmitting in the region outlined in (Blue). The transmission will occur South of the West bound leg (DP2)-43°23'43"N 78°30' 35"W & East bound leg (DP3)-43°28'33"N 76°58'1"W) of the flight path, using it high directivity antenna
- The blue transmission area has a center point Lat 42°38'14.69"N, Lon 77°34'10.45"W with a radius of 133.51km
- The transmission signal will stay within the US. There will be no signal transmitted North of the West and East bound legs.
- There is a pretest transmission requirement at (DP1, 22)-43°6'43"N 78°57'7"W location prior to flights.

Flight -1 Overview

- Flight Path (yellow) is within the MISTY MOA (red)
 - Altitude 26kft
- Transmission region (blue) is outlined
 - Stays within US
- Racetrack profile
 - Transmit South on East, West bound legs
 - Enter/Exit racetrack at west end



Flight -1 Navigation Path and Radius

Data Point	(Latitude, Longitude)	Altitude (Feet)
DP1, 22	43°6'43"N 78°57'7"W	0
DP2, 6, 10, 14, 18	43°23'43"N 78°30' 35"W	26,246
DP3, 7, 11, 15, 19	43°28'33"N 76°58'1"W	26,246
DP4, 8, 12, 16, 20	43°40'13"N 76°58'18"W	26,246
DP5, 9, 13, 17, 21	43°39'53"N 78°32'33"W	26,246

- DP2-DP5 loop is repeated 4 times
- DP1 and DP22 are the airport where the test starts and finishes

Transmit Region

- Centered at:
 - $42^{\circ}38'14.69''\text{N}$
 - $77^{\circ}34'10.45''\text{W}$
- Radius
 - 133.51km

