

International Virtual Aviation Organisation

Aquarian Eagle Exercise

Canada Division

Sunday, 11th of August of 2024



Special Operations Department

International Virtual Aviation Organisation

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Introduction

Dear pilots, we welcome you for our first Special operation exercise over the Canadian territory on IVAO.

This exercise is a technical low and fast flight over a river with fighter jets (Jeet loop).

Definitions

If the event masterplan includes some terms that may not be known by the general public, you can define them here.

TERM	EXPLANATION
GAT	General Air Traffic
OAT	Operational Air Traffic

Objective:

The main objective by doing this event is to help us to improve our pilot skills at low altitude.

Airports

For this exercise, we are going to fly over the Liard river in Yukon and in British Columbia.

Watson Lake Airport

ICAO: CYQH

Charts: <https://aip.enaire.es/AIP/#LEGE>

Runway	Length	ILS	CIRCUIT	HEIGHT
09	1677 m	110.300	Right/Left	2245 ft
27	1677 m	N/A	Right/Left	2255 ft

Fort Simpson Airport

ICAO: CYFS

Charts: <https://aip.enaire.es/AIP/#LEGE>

Runway	Length	ILS	CIRCUIT	HEIGHT
14	1828 m	N/A	Right/Left	544 ft
32	1828 m	N/A	Right/Left	550 ft

This exercise is not easy, it requires some good pilot skills, good knowledge about your aircraft and its limits, a good capacity to manage fuel and a good capacity to find your way over the field. We strongly suggest practising the path a few times off line before the exercise.

Parameters

- Considering the level of challenge, it's for day time only.
- Try to do it in less than an hour and a half
- You have to finish all the flight. (You'll take a lot of G. No crashes are allowed!)
- Top ceiling allowed is 4999 FT and below once you are over the river.

Route Map



Important things to know:

- The approximate total distance you have to do is 370 NM
- Along the river, there is no place to refuel. In case you have an emergency, you have to go to Fort Nelson airport CYYE to have a runway made in Asphalt. It's a little bit beside the track. You have the airport of Fort Liard along the track but the runway is made of gravel.
- From Watson lake to Fort Liard, due to the high level ground and steep turn, we strongly recommend to fly between 250 and 300 knots to not overshoot the turns or take too much G.
- Passing fort Liard down to the Mackenzie river and Fort Simpson, you can go up to 500 knots. Just remember to have a good situational awareness because even if the river becomes larger, you can have some difficult turns.
- For this exercise, TCAS is MANDATORY.
- Expect 10 minutes of separation between each pilot at the departure airport. Here are going to be controllers.
- If you catch another pilot in the air, try to move away up to 5 nautical miles beside or pass over him by 1000 FT.
- Expect a briefing at the departure airport.

Contact

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