



Flight Plan & Site Survey

Created using **RPAS Wilco**®

Reference No:	F97CE0
Title:	Mission 06-01-2024
Pilot Name:	Dick Grattan
Pilot Certificate:	PC2305719146
Flight Start:	June 5, 2024 12:00 PM
Flight End:	June 5, 2024 7:00 PM
Flight Area (Latitude):	49° 5' 19.60" N (49.089)
Flight Area (Longitude):	122° 47' 11.21" W (-122.786)
Altitude - Radius:	Alt: 400 ft - Rad: 1852.0 m (1.0 nm)
Classification:	UNCONTROLLED
FIR - Contact:	CZVR - 506-867-7224

Please ensure you received all required authorizations prior to flight.

Disclaimer

This Site Survey was created using RPAS Wilco by AIM Robotics. The flight plan contained is intended only for RPAS flights on the date/time and location specified. The user accepts all responsibility for the accuracy and completeness of the information contained.

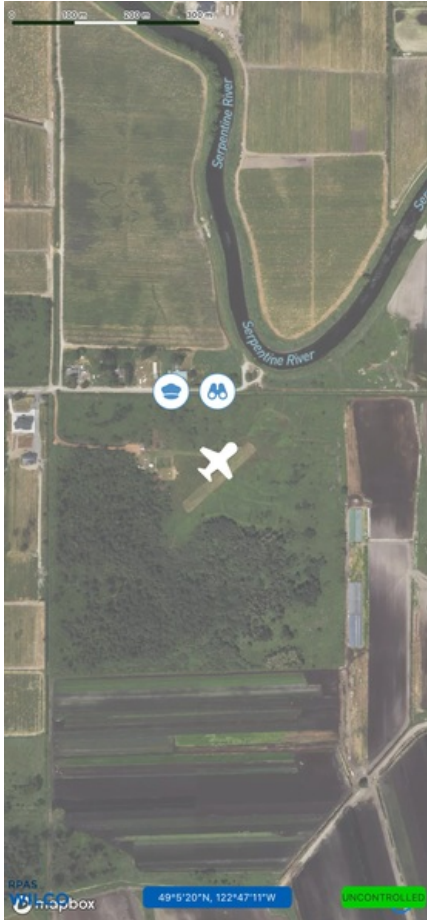
For the complete Terms & Conditions, see

<https://rpswilco.com/#/tnc>

Included

- Site Survey
- Obstacles (if available)
- Nearby Aerodromes
- Canadian Aviation Regulations
- GFA
- Aerodrome Supplements
 - METAR & TAF (if available)
 - NOTAMS
 - CFS




Flight Map



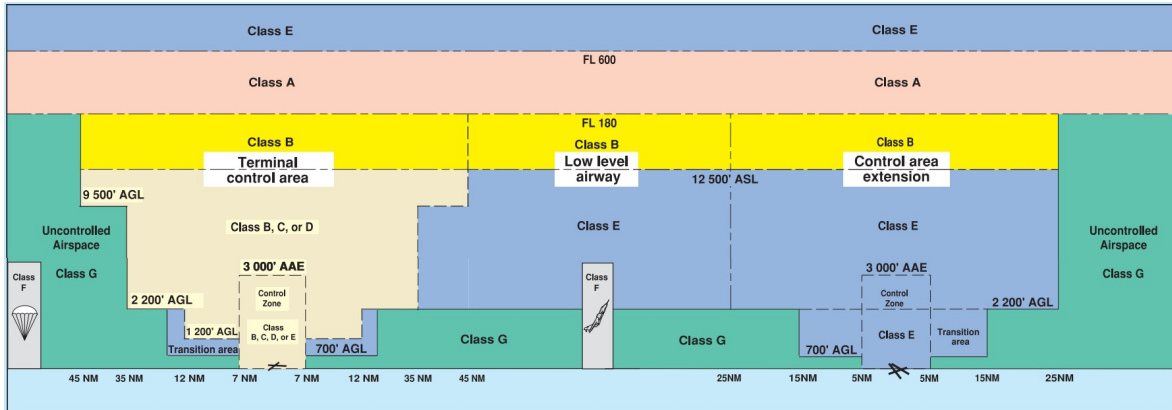
RPAS Specification

- **Manufacturer:**
DJI
- **Model:**
AVATA (Avata)
- **Registration Number:**
C-2320131108
- **Eligible for advanced operations:**
Yes
- **Manufacturer RPAS safety assurance:**
 - **Controlled Airspace:** YES
 - **Near People:** YES
 - **Over People:** NO

MAP Details

	Latitude	Longitude
 MODEL	49° 5' 19.60" N (49.089)	122° 47' 11.21" W (-122.786)
 Pilot Dick Grattan	49° 5' 23.20" N (49.0898)	122° 47' 14.81" W (-122.7874)
 Observer Ralph Woods	49° 5' 23.20" N (49.0898)	122° 47' 11.21" W (-122.7864)

Airspace Classification



Overlying Airspaces

Class	Name	Floor	Ceiling
E	V342 Airway	2200AGL	12500MSL
B	V342 Airway	12500MSL	18000MSL
E	Pitt Meadows, BC CAE	1500MSL	12500MSL
B	Pitt Meadows, BC CAE	12500MSL	18000MSL
E	T775 Airway	2200AGL	12500MSL
B	T775 Airway	12500MSL	18000MSL
C	Vancouver, BC TCA	4500MSL	6500MSL
C	Vancouver, BC TCA	8500MSL	9500MSL
C	Vancouver, BC TCA	2500MSL	4500MSL
C	Vancouver, BC TCA	6500MSL	8500MSL
C	Vancouver, BC TCA	9500MSL	12500MSL
B	Vancouver, BC TCA	12500MSL	18000MSL
E	T629 Airway	2200AGL	12500MSL
B	T629 Airway	12500MSL	18000MSL
E	T800 Airway	2200AGL	12500MSL
B	T800 Airway	12500MSL	18000MSL

Nearest Aerodromes & Distance from Operation

DELTA HERITAGE AIR PARK (CAK3 - AERODROME - Reg)	Lat: 49.079	Long: -122.938	11.091KM	5.99NM	W
LANGLEY REGIONAL (CYNJ - AERODROME/HELIPORT - Cert)	Lat: 49.101	Long: -122.631	11.4KM	6.16NM	E
SURREY MEMORIAL HOSPITAL (CVS3 - HELIPORT - Cert)	Lat: 49.176	Long: -122.844	10.564KM	5.7NM	NW
PITT MEADOWS (CAJ8 - WATERDROME - Reg)	Lat: 49.209	Long: -122.709	14.506KM	7.83NM	NE
PITT MEADOWS (CYPK - AERODROME/HELIPORT - Cert)	Lat: 49.216	Long: -122.713	15.121KM	8.16NM	N

Canadian Aviation Regulations

Division III — General Operating and Flight Rules

For full listing please visit : <https://laws-lois.justice.gc.ca/eng/regulations/SOR-96-433/FullText.html#s-901.27>

Visual Line-of-sight

- **901.11 (1)** Subject to subsection (2), no pilot shall operate a remotely piloted aircraft system unless the pilot or a visual observer has the aircraft in visual line-of-sight at all times during flight.
- **(2)** A pilot may operate a remotely piloted aircraft system without the pilot or a visual observer having the aircraft in visual line-of-sight if the operation is conducted in accordance with a special flight operations certificate — RPAS issued under section 903.03.

Procedures

- **901.23 (1)** No pilot shall operate a remotely piloted aircraft system unless the following procedures are established:
 - **(a)** normal operating procedures, including pre-flight, take-off, launch, approach, landing and recovery procedures; and
 - **(b)** emergency procedures, including with respect to
 - **(i)** a control station failure,
 - **(ii)** an equipment failure,
 - **(iii)** a failure of the remotely piloted aircraft,
 - **(iv)** a loss of the command and control link,
 - **(v)** a fly-away, and
 - **(vi)** flight termination.
- **(2)** If the manufacturer of the remotely piloted aircraft system provides instructions with respect to the topics referred to in paragraphs (1)(a) and (b), the procedures established under subsection (1) shall reflect those instructions.
- **(3)** No pilot shall conduct the take-off or launch of a remotely piloted aircraft unless the procedures referred to in subsection (1) are reviewed before the flight by, and are immediately available to, each crew member.
- **(4)** No pilot shall operate a remotely piloted aircraft system unless the operation is conducted in accordance with the procedures referred to in subsection (1).

Site Survey

901.27 No pilot shall operate a remotely piloted aircraft system unless, before commencing operations, they determine that the site for take-off, launch, landing or recovery is suitable for the proposed operation by conducting a site survey that takes into account the following factors:

- **(a)** the boundaries of the area of operation;
- **(b)** the type of airspace and the applicable regulatory requirements;
- **(c)** the altitudes and routes to be used on the approach to and departure from the area of operation;
- **(d)** the proximity of manned aircraft operations;
- **(e)** the proximity of aerodromes, airports and heliports;
- **(f)** the location and height of obstacles, including wires, masts, buildings, cell phone towers and wind turbines;
- **(g)** the predominant weather and environmental conditions for the area of operation; and
- **(h)** the horizontal distances from persons not involved in the operation.

Operations at or in the Vicinity of an Aerodrome, Airport or Heliport

- **901.47 (1)** No pilot shall operate a remotely piloted aircraft at or near an aerodrome that is listed in the *Canada Flight Supplement* or the *Water Aerodrome Supplement* in a manner that could interfere with an aircraft operating in the established traffic pattern.
- **(2)** Subject to section 901.73, no pilot shall operate a remotely piloted aircraft at a distance of less than
 - **(a)** three nautical miles from the centre of an airport; and
 - **(b)** one nautical mile from the centre of a heliport.
- **(3)** No pilot shall operate a remotely piloted aircraft at a distance of less than three nautical miles from the centre of an aerodrome operated under the authority of the Minister of National Defence unless the operation is conducted in accordance with a special flight operations certificate — RPAS issued under section 903.03.

Records

- **901.48 (1)** Every owner of a remotely piloted aircraft system shall keep the following records:
 - **(a)** a record containing the names of the pilots and other crew members who are involved in each flight and, in respect of the system, the time of each flight or series of flights; and
 - **(b)** a record containing the particulars of any mandatory action and any other maintenance action, modification or repair performed on the system, including
 - **(i)** the names of the persons who performed them,
 - **(ii)** the dates they were undertaken,
 - **(iii)** in the case of a modification, the manufacturer, model and a description of the part or equipment installed to modify the system, and
 - **(iv)** if applicable, any instructions provided to complete the work.
- **(2)** Every owner of a remotely piloted aircraft system shall ensure that the records referred to in subsection (1) are made available to the Minister on request and are retained for a period of
 - **(a)** in the case of the records referred to in paragraph (1)(a), 12 months after the day on which they are created; and
 - **(b)** in the case of the records referred to in paragraph (1)(b), 24 months after the day on which they are created.
- **(3)** Every owner of a remotely piloted aircraft system who transfers ownership of the system to another person shall, at the time of transfer, also deliver to that person all of the records referred to in paragraph (1)(b).