



Flight Plan & Site Survey

Created using **RPAS Wilco**[®]

Operation Name:	Mission 02-16-2023
Pilot Name:	██████████
Pilot Certificate:	██████████
Flight Start:	February 16, 2023 6:56 PM
Flight End:	February 16, 2023 8:56 PM
Flight Area (Latitude):	48° 35' 15.60" N (48.588)
Flight Area (Longitude):	72° 21' 0.10" W (-72.35)
Altitude - Radius:	Alt: 600 ft - Rad: 400 m (0.22 nm)
Airspace:	UNCONTROLLED
FIR - Contact:	CZUL - 506-867-7173
Weather:	-16.8 Celsius - Partially cloudy

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.

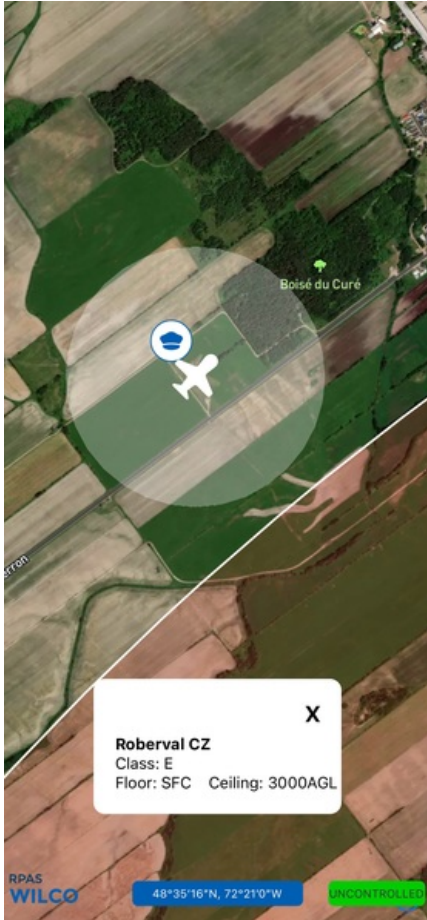
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Included

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

Flight Map



MAP Details

	Latitude	Longitude
 MODEL	48° 35' 15.60" N (48.588)	72° 21' 0.10" W (-72.35)
 Pilot	[REDACTED] (48.5887)	72° 21' 3.70" W (-72.351)

Airspace Classification



Overlying Airspaces

Class	Name	Floor	Ceiling
E	Roberval, QC TA	700AGL	12500MSL
B	Roberval, QC TA	12500MSL	18000MSL
E	Roberval, QC CAE	2200AGL	12500MSL
B	Roberval, QC CAE	12500MSL	18000MSL

Nearest Aerodromes & Distance from Operation

ROBERVAL (CYRJ AERODROME Cert)	Lat: 48.52	Long: 72.266	9.74 KM	5.26 NM
DOLBEAU ST FELICIE (CYDO AERODROME Reg)	Lat: 48.777	Long: 72.375	21.133 KM	11.41 NM
POTVIN HELI BASE (CPH4 HELIPORT Reg)	Lat: 48.931	Long: 72.205	39.629 KM	21.4 NM
ALMA (CYTF AERODROME Cert)	Lat: 48.508	Long: 71.641	52.938 KM	28.58 NM

Weather Information for Mission Day

Summary: Partly cloudy throughout the day.

Condition	Temperature	Feels Like	Precipitation	Visibility	Cloud Coverage	Wind Speed	Humidity
Partially cloudy	16.8 Celsius	25.6 Celsius	36.0 %	16.3 Km	56.6 %	18.7 kph	67.9 %

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).

QUEBEC

AERODROME/FACILITY DIRECTORY

ROBERVAL QC

CYRJ

REF	N48 31 12 W72 15 57 2W 17°W (2013) UTC-5(4) Elev 586' A5010 LO6 LO7 HI5 HI6 CAP	
OPR	Services ADR Inc 418-275-2344 Cert	
PF	A-6,7,8 C-1,2,3,4,5	
FLT PLN	(bil)	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	
ACC WX	Montréal 800-633-1353 METAR H24. TAF 13-03Z†, issue times: 13, 20Z (DT 12, 14, 20Z).	
SERVICES		
FUEL	100LL, JA-1	
OIL	15W50, W100, W100+, Turbine Oil	
S	1,4,5,6	
PVT ADV	Services ADR Inc 130.3 1200-2200Z† Mon-Fri, 1300-2100Z† Sat-Sun ltd availability.	
RWY DATA	Rwy 16(160°)/34(340°) 5000x150 asphalt Rwy 16 down 0.52%	
RWY CERT	Rwy 16/34 AGN IIIA	
APRON	Advs Services ADR Inc on 130.3 for prkg. ltd availability.	
RCR	Opr 1200-2200Z† Mon-Fri 1300-2100Z† Sat-Sun. O/T for MEDEVAC 2 hr PN for RSC/CRFI, 3 hr PN for win maint. O/T for other acct 6 hr PN for RSC/CRFI and win maint. Call out chg 418-275-2344 PCN	
LIGHTING	16-AO(TE ME), 34-AO(TE ME) P2 ARCAL-122.2 type K	
COMM	(bil)	
RCO	Rouyn rdo 122.2 (RAAS) 11-03Z† Québec rdo 123.55 5680 (FISE) 126.7 (bcst)	
MF	Rouyn rdo 11-03Z† O/T tfc 122.2 5NM 3600 ASL (CAR 602.98)	
NAV		
NDB	RJ 378 (M) N48 32 41 W72 17 40	
CAUTION	Powerline W of thld Rwy 34 infringes lateral zoning.	

QUEBEC

AERODROME / FACILITY DIRECTORY

DOLBEAU-ST-FÉLICIEN QC

CYDO

REF	N48 46 36 W72 22 30 8.5SW 16°W (2020) UTC-5(4) Elev 373' A5010 LO7 HI1 HI5 HI6 CAP	
OPR	Régie de l'Aéroport DM-N-F 418-679-3543/7621 or 418-637-0188 Reg Ldg fees (commercial acft)	
PF	A-1,7 (ltd hrs) C-3,4,5,6 D-2	
FLT PLN	(bil)	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free w/ in Canada) or 866-541-4105 (Toll free within Canada & USA)	
ACC	Montréal 800-633-1353	
SERVICES	13-21Z±	
FUEL	100LL, JA-1 418-637-0188	
OIL	All	
S	1,2,3,4,5,6	
RWY DATA	Rwy 11(110°)/29(290°) 5001x100 ASPH Rwy 03(032°)/21(212°) 3563x72 GRVL Cisd Nov 01-Apr 30	
RCR	Opr	
LIGHTING	11-AS(TE ME) P1, 29-AS(TE ME) P1 ARCAL-122.7 type K	
COMM	(bil)	
ATF	UNICOM Ltd hrs O/T ttc 122.7 5NM 3400 ASL	

QUEBEC

AERODROME / FACILITY DIRECTORY

DOLBEAU-MISTASSINI / POTVIN HELI-BASE QC (Heli)

CPH4

REF	N48 55 51 W72 12 18 17°W (2014) UTC-5(4) Elev 425' A5010
OPR	R. Potvin 418-671-1222 Reg PPR
FLT PLN	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
HELI DATA	24' x 60' asphalt
RCR	Opr
COMM	
ATF	tfc 123.2 5NM 3500 ASL

QUEBEC

AERODROME / FACILITY DIRECTORY

ALMA QC

CYTF

REF	N48 30 31 W71 38 29 2.2S 17°W (2014) UTC-5(4) Elev 448' A5010 LO6 LO7 HI5 HI6 CAP	
OPR	CIDAL 418-669-5104 13-21Z± Mon-Fri Cert Ldg fees, tml fees	
PF	A-1 C-2,3,4,5,6	
FLT PLN	(bil) FIG Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free w/in Canada) or 866-541-4105 (Toll free within Canada & USA) ACC Montréal 800-633-1353 WX AUTO 418-669-5406 (see COMM)	
SERVICES	1230-2130Z± Mon-Fri exc hols, O/T 1 hr PN 418-480-8686. Call out chg may be levied for one or more svcs.	
FUEL	100LL (fuel management tml avbl, ctc opr to receive code), JA-1 (FSII avbl), SP	
S	1(Ltd),2,3,4,5,6	
JASU	Electric start 10/15	
RWY DATA	Rwy 13(131°)/31(311°) 5000x100 ASPH Rwy 31 down 0.37%	
RWY CERT	Rwy 13/31 AGN IIIA	
TWY CERT	Twy A AGN II	
RCR	Opr CRF1 Win maint O/R 1530-2130Z± Mon-Fri exc hols, O/T 3 hrs PN 418-480-8686, call out chg may be levied. PLR/PCN	
LIGHTING	13-AO(TE ME), 31-AO(TE ME) ARCAL-122.35 type K	
COMM	(bil) Prior dep pilots must ctc Bagotville Tml for IFR clnc at 888-813-8508.	
CLNC DEL	UNICOM 1330-2030Z± Mon-Fri, exc hols (CAR 602.98) O/T tfc 122.35	
MF/ATF	5NM excluding CYBG class D airspace. Class D airspace begins at 1200 AGL. (Refer to Bagotville VTPC)	
TML	Bagotville 127.2 227.6	
VFR ADV	Bagotville Tml 121.2	
AUTO	123.175	
NAV	DME ITF 110.7 Ch 44 N48 30 14 W71 37 47 (458') LOC ITF 110.7 (Rwy 13) LOC reliable only within 10° either side of centreline.	
PRO	Several areas of Class F of restricted airspace (CYRs) have been established in the Alma area for flight testing of Remotely Piloted Aircraft (RPA). These CYRs are activated occasionally by NOTAM with 48 hours prior notice. No person shall operate an aircraft within an active CYR unless the flight has been authorized by the User Agency as stated in the Designated Airspace Handbook (DAH). When CYR651 is active and access to the Alma airport is required, to avoid delays pilots should make prior arrangements with the User Agency for authorization to operate within the CYR. Pilots can contact Alma UNICOM MF 122.35 for authorization but unless the flight is essential such as MEDEVAC, police, emergency, etc., access may be delayed. Once authorized, pilots must enter and exit CYR651 from the northeast and operations are restricted to circuit procedures for arrivals and departures from the airport only. See Alma VTPC for a depiction of the CYRs.	
CAUTION	Parachute jumps over apt to 12,500 ASL, (DT 12-24Z) May-Sep. Possible win maint eqpt on rwy outside ops hrs. Migratory bird activity Apr-May & Sep-Oct.	