



Flight Plan & Site Survey

Created using **RPAS Wilco**[®]

Operation Name:	MARS- new
Pilot Name:	[REDACTED]
Pilot Certificate:	[REDACTED]
Flight Start:	April 26, 2023 9:17 AM
Flight End:	April 26, 2023 11:17 AM
Flight Area (Latitude):	45° 53' 42.00" N (45.895)
Flight Area (Longitude):	73° 22' 45.10" W (-73.379)
Altitude - Radius:	Alt: 700 ft - Rad: 926.0 m (0.5 nm)
Airspace:	UNCONTROLLED
FIR - Contact:	CZUL - 506-867-7173

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.

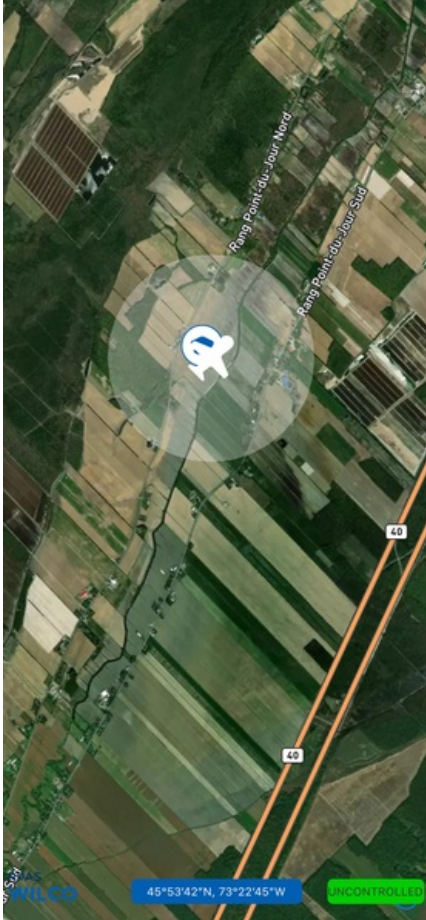
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Included

- 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	45° 53' 42.00" N (45.895)	73° 22' 45.10" W (-73.379)
 Pilot	45° 53' 45.60" N (45.896)	73° 22' 48.70" W (-73.3802)

Airspace Classification



Overlying Airspaces

Class	Name	Floor	Ceiling
E	Montreal FIR CAE	2000MSL	12500MSL
B	Montreal FIR CAE	12500MSL	18000MSL
E	T693 Airway	2200AGL	12500MSL
B	T693 Airway	12500MSL	18000MSL
C	Montral, QC TCA XPNDR MANDTRY	5000MSL	12500MSL
E	Montreal FIR CAE	6000MSL	12500MSL
B	Montreal FIR CAE	12500MSL	18000MSL

Nearest Aerodromes & Distance from Operation

ST THOMAS (CJ02 AERODROME Reg)	Lat: 46.007	Long: 73.382	12.456 KM	6.73 NM
JOLIETTE (CSG3 AERODROME Reg)	Lat: 46.045	Long: 73.502	19.191 KM	10.36 NM
ST ESPRIT (CES2 AERODROME Reg)	Lat: 45.911	Long: 73.672	22.726 KM	12.27 NM
LAC AGILE (MASCOCHE) (CSA2 AERODROME Reg)	Lat: 45.791	Long: 73.638	23.144 KM	12.5 NM

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

JOLIETTE / ST-THOMAS QC

CJO2

REF	N46 00 26 W73 22 58 1.5ESE 15°W (2016) UTC-5(4) Elev 100' VTA A5002	
OPR	Robert Côté 450-757-0685 Reg PPR	
PF	C-1,2,3,4,5,6	
FLT PLN	(bil)	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	
ACC	Montréal 800-633-1353	
SERVICES		
S	7	
RWY DATA	Rwy 02(018°)/20(198°) 2862x40 GRASS Thld 20 displ 129'	
RCR	Opr No win maint.	
COMM		
ATF	tfc 123.5 5NM 3100 ASL	
CAUTION	Ditch along each side of rwy. Ltd graded area. Unmarked p-line 40 AGL, 200' Thld 20. A/D Joliette (CSG3) 5.5NM NW tfc 123.5.	

QUEBEC

AERODROME/FACILITY DIRECTORY

JOLIETTE qc

CSG3

REF	N46 02 41 W73 30 06 2.2NW 15°W (2014) UTC-5(4) Elev 225' VTA A5002 LO6 LO7 LO8	
OPR	Aéroclub de Joliette Inc 450-759-6252 Reg	
PF	A-1 C-2,3,4,5,6	
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		
FUEL	100LL, JA-1 PN 1,4,5,6	
RWY DATA	Rwy 15(150°)/33(330°) 3109x75 ASPH	
TWY	Twy A rstd to acct wingspans less than 49'	
RCR	Opr Ltd win maint	
LIGHTING	15-(TE ME), 33-(TE ME) ARCAL-123.5 type J	
COMM		
ATF	tfc 123.5 5NM 3300 ASL	
PRO	Rgt hand circuits Rwy 15 (CAR 602.96). Grass/snow tkof/lbg area 1500x35 adj NE Rwy 15/33 btwn Twys B and C.	
CAUTION	A/D Lourdes-de-Joliette 4.5NM NE, tfc 123.5. Possibility of NORDO ultra-light tfc in the circuit. Two lgtd twrs 512 ASL (253 AGL) 1NM NE of A/D. P-line 40 AGL aprx 1320' Thld 15.	

QUEBEC

AERODROME/FACILITY DIRECTORY

ST-ESPRIT QC

CES2

REF	N45 54.41 W73 40.21 Adj NNW 16°W UTC-5(4) Elev 192' VTA A5002	
OPR	Aérodrome Saint-Esprit Inc. 450-839-1111 Fax 450-839-6969 Reg PPR	
PF	C-1	
FLT PLN	(bil)	
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free w/ in Canada) or 866-541-4105 (Toll free w/ in Canada & USA)	
RWY DATA	Rwy 02/20 3000x75 GRASS	
RCR	Opr No win maint Nov-Mar	
COMM	ATF ffc 123.2 5NM BLW 2500 ASL A/G 129.85	
CAUTION	Parachuting activity Mar-Nov to 17,000'. P-line and barn 30 AGL 300' S of Thld 02. Antenna 500 ASL 1.4NM SSE A/D.	

QUEBEC

AERODROME/FACILITY DIRECTORY

LAC AGILE (MASCOCHE) QC

CSA2

REF	N45 47 28 W73 38 17 3.5NNW 15°W (2015) UTC-5(4) Elev 174' A5002 VTA
OPR	Gestion Wilburdea Inc 514-249-4040 or 450-675-0350 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES S	1,4
RWY DATA RCR	Rwy 03/21 1800x50 GRASS Opr No win maint
COMM ATF	tfc 123.2 2NM 2000 ASL
PRO	Rgt hand circuits Rwy 21 (CAR 602.96). Touch and go not auth.
CAUTION	Bridge crossing ditch 1000' from displ thld Rwy 21. Possibility of wildlife on the rwy.

