



# Flight Plan & Site Survey

Created using **RPAS Wilco**®

Operation Name:	Port Elgin
Pilot Name:	██████████
Pilot Certificate:	██████████
Flight Start:	January 24, 2023 6:48 PM
Flight End:	January 24, 2023 8:48 PM
Flight Area (Latitude):	44° 27' 53.00" N ( 44.465 )
Flight Area (Longitude):	81° 21' 28.20" W ( -81.358 )
Altitude - Radius:	Alt: 600 ft - Rad: 926.0 m ( 0.5 nm)
Airspace:	UNCONTROLLED
FIR - Contact:	CZYZ - 905-676-4509
Weather:	-0.9 Celsius - Snow, Overcast

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



### Included

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

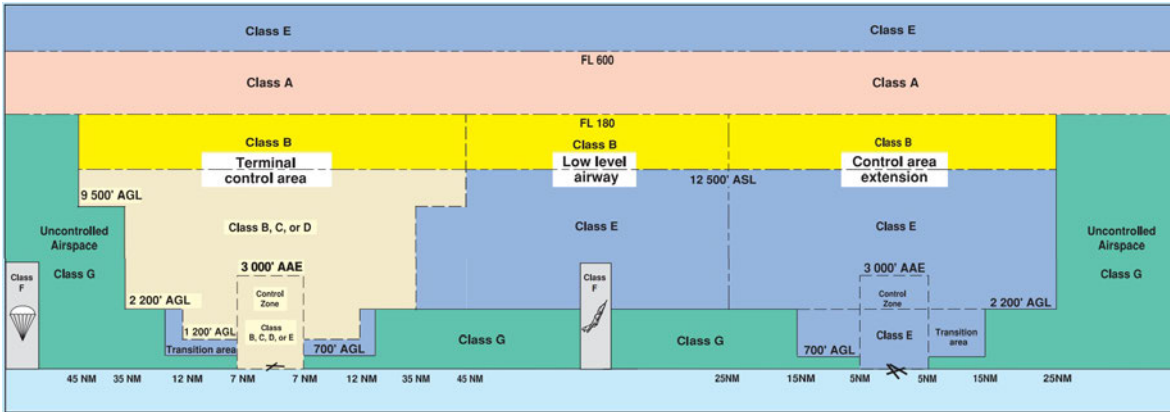
## Flight Map



## MAP Details

	Latitude	Longitude
 <b>MODEL</b>	44° 27' 53.00" N ( 44.465 )	81° 21' 28.20" W ( -81.358 )
 <b>Pilot</b>	44° 27' 56.60" N ( 44.4657 )	81° 21' 31.80" W ( -81.3588 )

## Airspace Classification



## Overlying Airspaces

Class	Name	Floor	Ceiling
E	Southern Ontario Low Level Control Area CAE	3500MSL	12500MSL
B	Southern Ontario Low Level Control Area CAE	12500MSL	18000MSL

## Nearest Aerodromes & Distance from Operation

SOUTHAMPTON (CPF7 AERODROME/HELIPORT Reg)	Lat: 44.494	Long: 81.335	3.726 KM	2.01 NM
PORT ELGIN (CNL4 AERODROME Reg)	Lat: 44.415	Long: 81.414	7.103 KM	3.84 NM
KINCARDINE (CYKM AERODROME Reg)	Lat: 44.201	Long: 81.606	35.349 KM	19.09 NM
WIARTON (CYVV AERODROME/HELIPORT Cert)	Lat: 44.744	Long: 81.108	36.818 KM	19.88 NM

## Weather Information for Mission Day

Summary: Cloudy skies throughout the day with early morning snow.

Condition	Temperature	Feels Like	Precipitation	Visibility	Cloud Coverage	Wind Speed	Humidity
Snow, Overcast	0.9 Celsius	5.4 Celsius	100.0 %	17.0 Km	94.2 %	31.1 kph	84.1 %

# 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).

## ONTARIO

## AERODROME/FACILITY DIRECTORY

## SOUTHAMPTON ON

CPF7

<b>REF</b>	N44 29 38 W81 20 07 1.4E 9°W UTC-5(4) Elev 685' A5000
<b>OPR</b>	G. Wilson 519-832-2070/6170 Reg
<b>PF</b>	C-2,3,4,5,6
<b>FLT PLN</b>	
<b>FIC</b>	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
<b>RWY DATA</b>	Rwy 13/31 1670x37 gravel/asphalt, 24' asphalt width No win maint
<b>RCR</b>	
<b>HELI DATA</b>	FATO/TLOF 84' dia CONC/GRVL Safety Area 106' x 106'
<b>COMM</b>	
<b>ATF</b>	tfc 122.8 5NM 3700 ASL
<b>PRO</b>	Arr/dep 127° fr heli.
<b>CAUTION</b>	P-Lines aprx 30' high, aprx 920' fr Thld 13.



## ONTARIO

## AERODROME/FACILITY DIRECTORY

## PORT ELGIN ON

CNL4

<b>REF</b>	N44 24 55 W81 24 52 1.3SW 9°W UTC-5(4) Elev 650' A5000 LO4 LO6	
<b>OPR</b>	Town Aprt Committee 519-389-5381/832-6178 May 1-Oct 31 Reg	
<b>PF</b>	B-1 C-2,3,4,5,6	
<b>CUST</b>	AOE/CAN	
<b>FLT PLN</b>	<b>FIG</b> London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
<b>SERVICES</b>	<b>FUEL</b> 100LL <b>OIL</b> All <b>S</b> 4,5	
<b>RWY DATA</b>	Rwy 06/24 3800x175 turf Thld 06 displ 300' day & 1100' ngt Thld 24 displ 400' day & 800' ngt	
<b>RCR</b>	Opr No win maint. Rwy may be soft dur spring & when wet.	
<b>LIGHTING</b>	06-(TE LO), 24-(TE LO) Lgts on by req	
<b>COMM</b>	<b>ATF</b> UNICOM ltd hrs O/T tfc 122.8 5NM 3700 ASL	
<b>CAUTION</b>	Occasionally deer & birds on rwy. 164 AGL twr 262' E Thld 24 (ngt).	

## ONTARIO

## AERODROME/FACILITY DIRECTORY

## KINCARDINE ON

CYKM

<b>REF</b>	N44 12 05 W81 36 20 1.5NNE 9°W UTC-5(4) Elev 772' A5000 LO4 LO6 CAP RCAP	
<b>OPR</b>	Municipality of Kincardine 519-396-4454 Reg	
<b>PF</b>	A-1,7,8 B-2,6 (May-Oct) C-2,3,4,5,6	
<b>CUST</b>	AOE/CAN 1-888-226-7277	
<b>FLT PLN</b>		
<b>FIC</b>	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
<b>WX</b>	WxCam	
<b>SERVICES</b>		
<b>FUEL</b>	100LL, JA-1 (FSII avbl)	
<b>OIL</b>	All	
<b>RWY DATA</b>	Rwy 13(127°)/31(307°) 4085x75 asphalt Rwy 05(048°)/23(228°) 2083x50 asphalt Opr 13-22Z†	
<b>RCR</b>		
<b>LIGHTING</b>	13-(TE ME) AP, 31-(TE ME) AP, 05-(TE ME), 23-(TE ME) ARCAL-122.8 type K	
<b>COMM</b>		
<b>ATF</b>	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3800 ASL	
<b>PRO</b>	Rgt hand circuits Rwy 31 (CAR 602.96).	
<b>CAUTION</b>	Migrating birds in vic May - Sep. Lakeshore area noise sensitive dur sum months. Snow removal eqpt may be on rwys as rqrd dur win months. Rdo ctl models oprg NE of hg dur sum - unsked times.	

## ONTARIO

## AERODROME/FACILITY DIRECTORY

## WIARTON ON

CYVV

<b>REF</b>	N44 44 39 W81 06 31 1.5E 10°W (2012) UTC-5(4) Elev 728' A5000 LO4 LO6 HI5 CAP	
<b>OPR</b>	Township of Georgian Bluffs 519-534-0140 O/T 519-373-3954 1330-2200Z± Cert	
<b>PF</b>	A-1,7,8 B-2,6 C-3,4,5	
<b>CUST</b>	AOE/15 888-226-7277 2 hrs PN 14-22Z± Mon-Fri exc hol, seasonal May1-Oct 31.	
<b>FLT PLN</b>		
<b>FIC</b>	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
<b>WX</b>	METAR H24. TAF 12-24Z±, issue times: 12, 14, 20Z (DT 11, 14, 20Z).	
<b>SERVICES</b>	1330-2200Z± O/T call out chg 2 hrs PN	
<b>FUEL</b>	100LL, JA-1 (FSII avbl), SP (H24 cardlock on apron)	
<b>OIL</b>	80, W80, 100, W100, 15W50	
<b>S</b>	2,4,5,6	
<b>RWY DATA</b>	Rwy 05(054°)/23(234°) 5033x150 ASPH Rwy 11(114°)/29(294°) 3456x100 GRVL	
<b>RWY CERT</b>	Rwy 05/23 AGN IIIB Rwy 11/29 AGN II	
<b>RCR</b>	Opr RSC 1330-2200Z± O/T 2hrs PN. Rwy 11/29 no win maint. PLR	
<b>HELI DATA</b>	TLOF 57' dia CONC Max heli overall length 47.7'	
<b>LIGHTING</b>	05-AD(TE ME) P2, 23-(TE ME) P2 ARCAL-122.2 type K.	
<b>COMM</b>		
<b>RCO</b>	London rdo 123.375 (FISE) 126.7 (bcst)	
<b>MF</b>	tfc 122.2 5NM 3700 ASL (CAR 602.98)	
<b>PAL</b>	Toronto Ctr 132.575	
<b>NAV</b>		
<b>VOR/DME</b>	YVV 117.7 Ch 124 N44 44 41 W81 06 18 (748')	
<b>CAUTION</b>	Wildlife frequently on rwy. Extv bird act Mar-Nov.	