



Flight Plan & Site Survey

Created using **RPAS Wilco®**

Operation Name:	Kincardine Cloudbusters
Pilot Name:	██████████
Pilot Certificate:	██████████
Flight Start:	March 6, 2023 2:51 PM
Flight End:	March 6, 2023 4:51 PM
Flight Area (Latitude):	44° 12' 1.50" N (44.2)
Flight Area (Longitude):	81° 35' 56.20" W (-81.599)
Altitude - Radius:	Alt: 700 ft - Rad: 926.0 m (0.5 nm)
Airspace:	CERT
FIR - Contact:	CZYZ - 905-676-4509
Weather:	-0.2 Celsius - Snow, Rain, 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.

For the complete Terms & Conditions, see

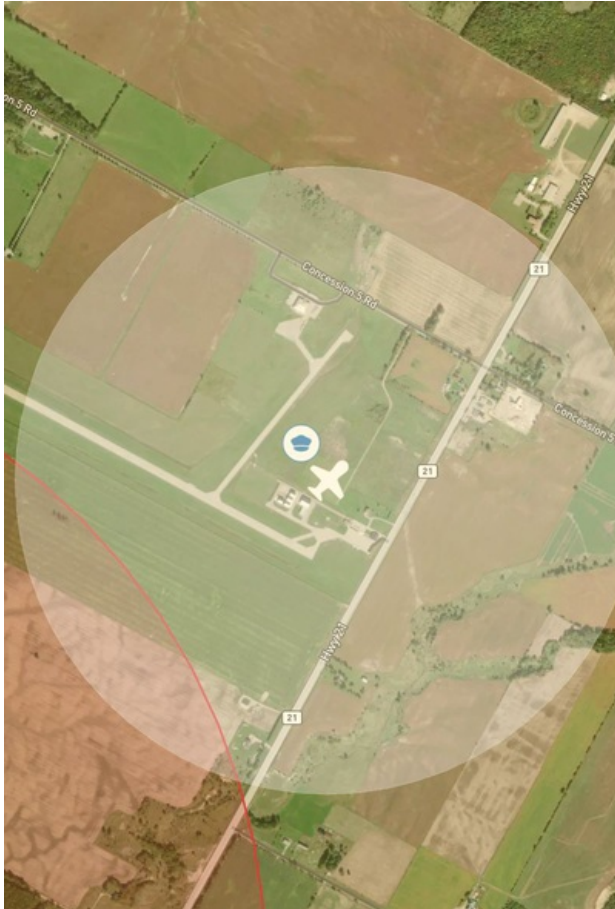
<https://rpaswilco.com/#/tnc>

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
 MODEL	44° 12' 1.50" N (44.2)	81° 35' 56.20" W (-81.599)
 Pilot	44° 12' 5.10" N (44.2014)	81° 35' 59.80" W (-81.5999)



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

KINCARDINE (CYKM AERODROME Reg)	Lat: 44.201	Long: 81.606	0.566 KM	0.31 NM
KINCARDINE (SOUTH BRUCE GREY HEALTH CENTRE) (CPU2 HELIPORT Cert)	Lat: 44.188	Long: 81.624	2.428 KM	1.31 NM
SHEPHERDS LANDING (CKS9 AERODROME Reg)	Lat: 44.117	Long: 81.698	12.185 KM	6.58 NM
PORT ELGIN (CNL4 AERODROME Reg)	Lat: 44.415	Long: 81.414	28.034 KM	15.14 NM

Weather Information for Mission Day

Summary: Cloudy skies throughout the day with rain or snow in the morning and afternoon.

Condition	Temperature	Feels Like	Precipitation	Visibility	Cloud Coverage	Wind Speed	Humidity
Snow, Rain, Overcast	0.2 Celsius	4.3 Celsius	100.0 %	15.2 Km	94.3 %	24.5 kph	83.6 %

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).

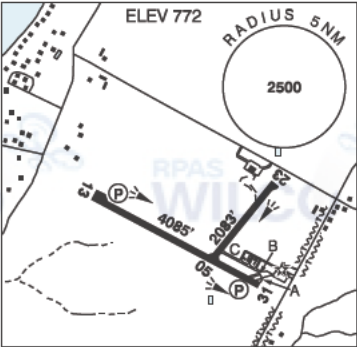
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AERODROME/FACILITY DIRECTORY

KINCARDINE ON

CYKM

REF	N44 12 05 W81 36 20 1.5NNE 9°W UTC-5(4) Elev 772' A5000 LO4 LO6 CAP RCAP
OPR	Municipality of Kincardine 519-396-4454 Reg
PF	A-1,7,8 B-2,6 (May-Oct) C-2,3,4,5,6
CUST	AOE/CAN 1-888-226-7277
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX	WxCam
SERVICES	
FUEL	100LL, JA-1 (FSII avbl)
OIL	All
RWY DATA	Rwy 13(127°)/31(307°) 4085x75 ASPH Rwy 05(048°)/23(228°) 2083x50 ASPH
RCR	Opr 13-22Z‡
LIGHTING	13-(TE ME) AP, 31-(TE ME) AP, 05-(TE ME), 23-(TE ME) ARCAL-122.8 type K
COMM	
ATF	UNICOM (AU) ltd hrs O/T tfc 122.8 5NM 3800 ASL
PRO	Rgt hand circuits Rwy 31 (CAR 602.96).
CAUTION	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.

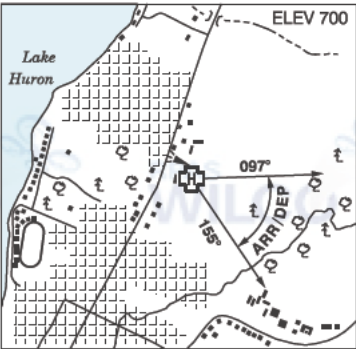


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KINCARDINE (SOUTH BRUCE GREY HEALTH CENTRE) ON (Heli) CPU2

REF	N44 11 15 W81 37 28 Adj 9°W UTC-5(4) Elev 700' A5000
OPR	Kincardine South Bruce Grey Health Centre 519-396-3331 Cert PPR
FLT PLN	FIC London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
HELI DATA	FATO/TLOF 86' x 86' ASPH Safety Area 114' x 114' Max heli overall length 57.5'
LIGHTING	RY(LO) RF(FL)
COMM	ATF Kincardine UNICOM ltd hrs O/T t/c 122.8 A/G 5NM of Kincardine A/D 3800 ASL ambulance dispatch 129.275
PRO	Arr/dep 097°- 155° fr heli, slope 8% (H3), day/night use. Kincardine aprt 1NM NE.



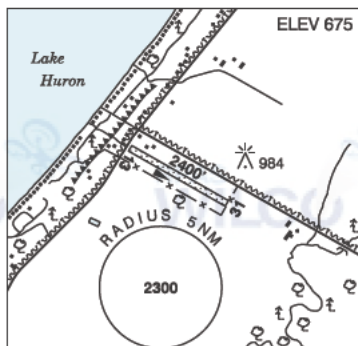
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KINCARDINE / SHEPHERD'S LANDING ON

CKS9

REF	N44 07 03 W81 41 54 4.5SW 9°W UTC-5(4) Elev 675' A5000
OPR	G. Shepherd 519-832-0666 Reg PPR Ltd hrs
PF	C-1,2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES S	4,5,6
RWY DATA RCR	Rwy 13/31 2400x70 GRASS Opr Ltd win maint, soft in spring & fall.
COMM ATF	tfc 122.8 5NM 3700 ASL
CAUTION	Marked P-line aprx 35 AGL aprx 70' fr Thld 13. Painted & lighted twr 300 AGL 800' N of Thld 31. Painted & lighted twr 300 AGL 1.2NM NE of aprt. Lakeshore noise sensitive dur sum months.



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PORT ELGIN ON

CNL4

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

