



Flight Plan & Site Survey

Created using **RPAS Wilco**[®]

Operation Name:	Pine Ridge
Pilot Name:	██████████
Pilot Certificate:	██████████
Flight Start:	April 17, 2023 5:43 PM
Flight End:	April 17, 2023 5:43 PM
Flight Area (Latitude):	44° 7' 1.00" N (44.117)
Flight Area (Longitude):	78° 6' 45.30" W (-78.113)
Altitude - Radius:	Alt: 600 ft - Rad: 926.0 m (0.5 nm)
Airspace:	UNCONTROLLED
FIR - Contact:	CZYZ - 905-676-4509

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.

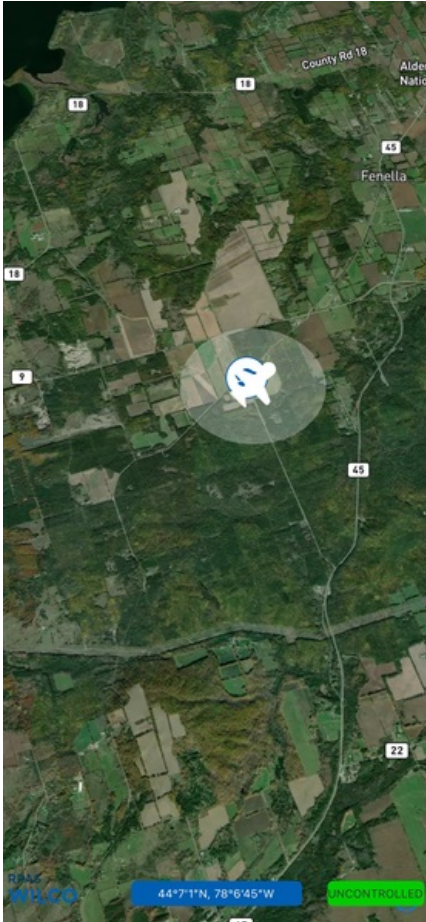
For the complete Terms & Conditions, see

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



Included

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

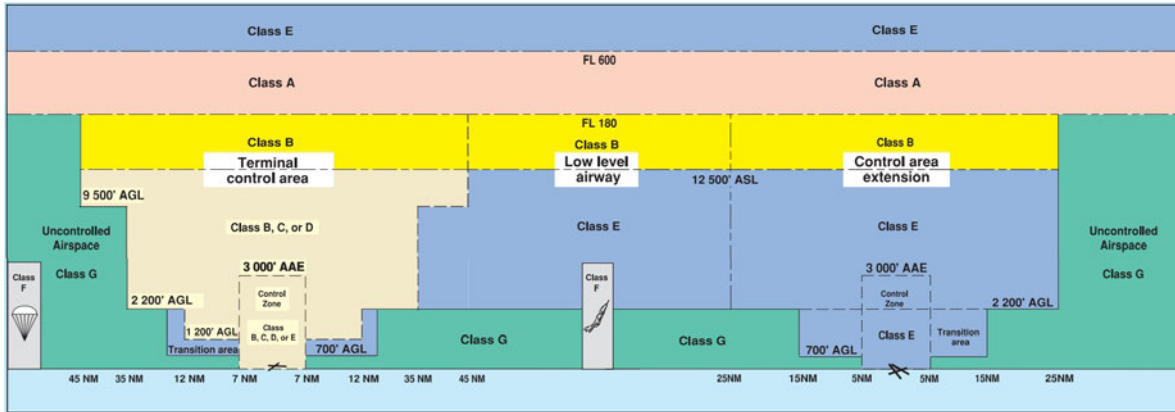
Flight Map



MAP Details

	Latitude	Longitude
 MODEL	44° 7' 1.00" N (44.117)	78° 6' 45.30" W (-78.113)
 Pilot	44° 7' 4.60" N (44.1179)	78° 6' 48.90" W (-78.1136)

Airspace Classification



Overlying Airspaces

Class	Name	Floor	Ceiling
E	Southern Ontario Low Level Control Area CAE	2500MSL	6500MSL
B	Southern Ontario Low Level Control Area CAE	12500MSL	18000MSL
E	Southern Ontario Low Level Control Area CAE	6500MSL	12500MSL
B	T781 Airway	12500MSL	18000MSL
E	T781 Airway	2200AGL	12500MSL
E	Peterborough, ON TA	700AGL	12500MSL
B	Peterborough, ON TA	12500MSL	18000MSL
B	Southern Ontario Low Level Control Area CAE	17000MSL	18000MSL
E	Trenton, ON TCA	700AGL	12500MSL
E	Trenton, ON TCA	700AGL	17000MSL
B	Trenton, ON TCA	12500MSL	17000MSL

Nearest Aerodromes & Distance from Operation

ELMHIRST'S RESORT (CNQ6 WATERDROME Reg)	Lat: 44.251	Long: 78.104	14.922 KM	8.06 NM
ELMHIRST'S RESORT (CPS2 AERODROME Reg)	Lat: 44.252	Long: 78.106	15.027 KM	8.11 NM
COBOURG (NORTHUMBERLAND HILLS HOSPITAL) (CNB4 HELIPORT Cert)	Lat: 43.977	Long: 78.2	17.058 KM	9.21 NM
PETERBOROUGH (CYPQ AERODROME Cert)	Lat: 44.23	Long: 78.363	23.599 KM	12.74 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).

CANADA WATER AERODROME SUPPLEMENT

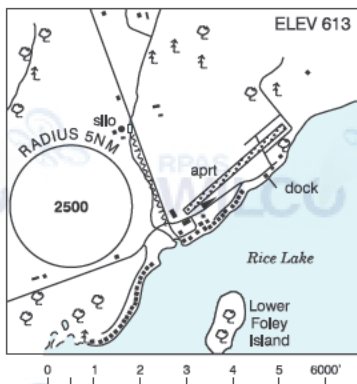
Effective 0901Z 24 March 2022 to 0901Z 20 April 2023

AERODROME/FACILITY DIRECTORY B83

KEENE/ELMHIRST'S RESORT ON

CNQ6

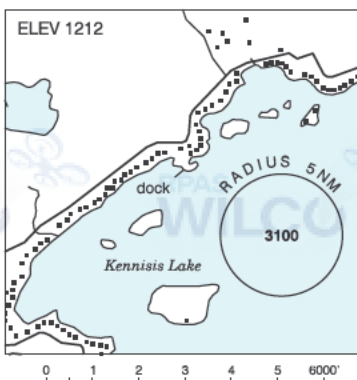
REF	N44 15 05 W78 06 15 3E 12°W UTC-5(4) Elev 613' A5000
OPR	Elmhirst's Resort, Keene Ltd 705-295-4591 Reg
PF	A-1,2,5,7,8 C-4 D-3,6
FLT PLN	FIC London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES	FUEL 100LL OIL W80, W100, 20W50 S 5
A/D DATA	Open water May-mid Nov.
COMM	ATF UNICOM ltd hrs O/T tfc 122.8 5NM 3600 ASL
CAUTION	Adj land A/D.



KENNISIS LAKE / FRANCIS ON

CKS2

REF	N45 14 03 W78 37 20 7.1N 11°W UTC-5(4) Elev 1212' A5000
OPR	Kei h R. Francis 647-287-2227 Reg PPR
FLT PLAN	FIC London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
A/D DATA	Open water mid May-Nov. Dock
COMM	ATF tfc 123.2 5NM 4300 ASL



ONTARIO

AERODROME/FACILITY DIRECTORY

KEENE / ELMHIRST'S RESORT ON

CPS2

REF	N44 15 07 W78 06 23 3E 12°W UTC-5(4) Elev 650' A5000
OPR	Elmhirst's Resort (Keene) Ltd 705-295-4591 Reg PPR
PF	A-1,2,5,7,8 C-4 D-3,6
FLT PLN	FIC London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 06/24 2800x50 GRASS RCR Opr Ltd win maint
COMM	ATF UNICOM ltd hrs O/T tfc 122.8 5NM 3700 ASL
PRO	Seaplane activity at adj base. Rwy rises fr both thlds, one thld not vis fr opposite thld.



ONTARIO

AERODROME/FACILITY DIRECTORY

COBOURG (NORTHUMBERLAND HILLS HOSP) ON (Heli)

CNB4

REF	N43 58 38 W78 12 00 Adj NW 12°W UTC-5(4) Elev 343' A5000
OPR	Northumberland Hills Hosp 905-372-6811 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' dia CONC/ASPH Safety Area 114' dia Max heli length 57'
RCR	Opr
LIGHTING	RY(LO) RF(FH) Perimeter lights green
PRO	Arr/dep btwn 001°-006° & 127°-155° fr heli, slope 8% (H3), day/night use.
CAUTION	Water twr 516 ASL aprx 1000' SSE & P-lines 200' S of heli E-W alignment.



ONTARIO

AERODROME/FACILITY DIRECTORY

PETERBOROUGH ON

CYPQ

REF N44 13 50 W78 21 48 3SSW 12°W
UTC-5(4) Elev 628' A5000 LO6 HI5
CAP

OPR City of Peterborough 705-743-6708
12-23Z± Oct 01-Mar 31, 12-01Z± Apr
01-Sep 30 Cert

PF A-1,2,7,8 After hrs airside tml access code 2977*. After hrs groundside tml access code 2977#. C-3,4,5,6

CUST AOE/15 1330-2130Z± Mon-Fri exc
hols 888-226-7277 PN

FLT PLN
FIG London 866-WXBRIEF (Toll free within
Canada) or 866-541-4104 (Toll free
within Canada & USA)

WX METAR AUTO H24 (see COMM).
TAF 11-03Z±, issue times: 11,14, 20Z
(DT 10, 14, 20Z)
WxCam

SERVICES 12-01Z± Apr-Sep, 12-23Z± Oct-Mar. Stay late or callout on request. After hrs callout chg may apply. Call 705-745-8626.

FUEL 100LL, JA-1

OIL All

S 1,2,3,4,5,6

SUP FL D & A-ice

JASU CE13, CA2

MILCON Stewart Aviation (World Fuel Services) 705-745-8626

RWY DATA Rwy 09(088°)/27(268°) 7000x100 ASPH
Rwy 13(128°)/31(308°) 2000x49 ASPH Day use only

RWY CERT Rwy 09/27 AGN IIIIB

Rwy 13/31 AGN I

TWY CERT Twy: C, F, G AGN I

TWY Twy B holding bay rstd to acft wingspans less than 79'.

Twy C rstd to 11,800 lbs or less.

Twy F & G day use only.

APRON Pvt Apron II (Adj B & C) rstd to 3000 lbs or less

RCR Opr Win maint 12-23Z± O/T 3 hrs PN CRFI/RSC avbl ltd hrs PLR/PCN

LIGHTING 09-AS(TE ME) P2, 27-AS(TE ME) P2 ARCAL-123.0 type K

COMM
MF UNICOM ltd hrs O/T tfc 123.0 5NM 3600 ASL
PAL Toronto Ctr 134.25
AWOS 126.925 (YPQ)

NAV
NDB YPQ 379 (L) N44 12 45 W78 27 47

PRO PPR for cont circuits on Rwy 13/31. Extv flt tng within 25NM of A/D, all quadrants to 6000' ASL. (See VTPC).

NOISE Noise Operating Criteria (CAR 602.105):

Rwy 09/27 VFR tkof/climb, no turns below 1000 AAE. Avoid overflight of noise sensitive areas while joining/departing circuit ctc opr for details.

CAUTION Wildlife frequently on rwys. Lgt'd twr 775 ASL (122 AGL) aprx 0.75NM WNW of Thld 09. Trees 42 AGL 807' before Thld 31. Extv bird activity at landfill 3NM ESE of Thld 27.

