



# Flight Plan & Site Survey

Created using **RPAS Wilco®**

Operation Name:	Youngs Point additional float site B
Pilot Name:	[REDACTED]
Pilot Certificate:	[REDACTED]
Flight Start:	February 5, 2023 2:55 PM
Flight End:	February 5, 2023 4:55 PM
Flight Area (Latitude):	44° 25' 5.60" N ( 44.418 )
Flight Area (Longitude):	78° 22' 4.70" W ( -78.368 )
Altitude - Radius:	Alt: 600 ft - Rad: 926.0 m ( 0.5 nm)
Airspace:	UNCONTROLLED
FIR - Contact:	CZYZ - 905-676-4509
Weather:	-0.1 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.

For the complete Terms & Conditions, see

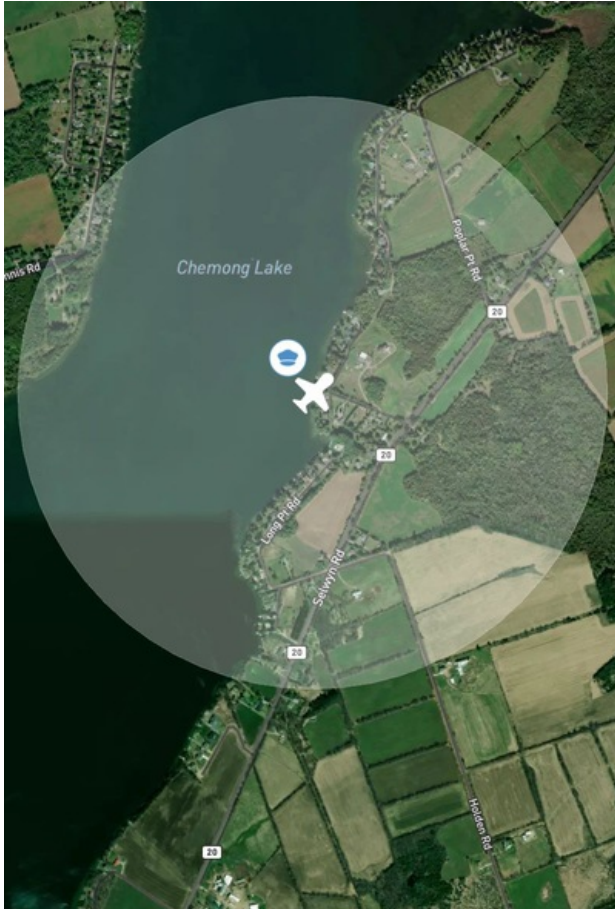
<https://rpaswilco.com/#/tnc>

## 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
 <b>MODEL</b>	44° 25' 5.60" N ( 44.418 )	78° 22' 4.70" W ( -78.368 )
 <b>Pilot</b>	44° 25' 9.20" N ( 44.4192 )	78° 22' 8.30" W ( -78.369 )



## Airspace Classification



## Overlying Airspaces

Class	Name	Floor	Ceiling
E	Southern Ontario Low Level Control Area CAE	6500MSL	12500MSL
B	Southern Ontario Low Level Control Area CAE	12500MSL	18000MSL
B	Peterborough, ON TA	12500MSL	18000MSL
E	Peterborough, ON TA	700AGL	12500MSL
E	T614 Airway	2200AGL	12500MSL
E	T614 Airway	2200AGL	12500MSL
B	T614 Airway	12500MSL	18000MSL
B	T614 Airway	12500MSL	18000MSL
E	Southern Ontario Low Level Control Area CAE	2500MSL	6500MSL

## Nearest Aerodromes & Distance from Operation

CHESHER LAKEHURST (CLH5 AERODROME Reg)	Lat: 44.525 Long: 78.448 13.465 KM 7.27 NM
PETERBOROUGH (REG HEALTH CENTRE) (CNU3 HELIPORT Cert)	Lat: 44.301 Long: 78.346 13.151 KM 7.1 NM
PETERBOROUGH (CYPQ AERODROME Cert)	Lat: 44.23 Long: 78.363 20.933 KM 11.3 NM
DUNSFORD (CDU5 AERODROME Reg)	Lat: 44.454 Long: 78.63 21.181 KM 11.44 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	0.1 Celsius	3.6 Celsius	5.0 %	11.9 Km	77.6 %	24.5 kph	77.9 %

# 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).

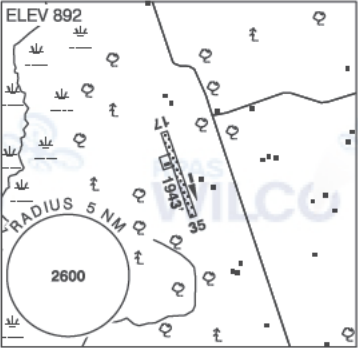
ONTARIO

AERODROME / FACILITY DIRECTORY

BOBCAYGEON / CHESHER LAKEHURST ON

CLH5

REF	N44 31 32 W78 26 53 4.3ESE 11°W (2017) UTC-5(4) Elev 892' A5000
OPR	Jeff Cheshier 705-927-8799 Reg PPR
PF	D-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)
RWY DATA	
RCR	Rwy 17(173°)/35(353°) 1943x98 TURF Opr
COMM	ATF tfc 122.8 5NM 3900 ASL



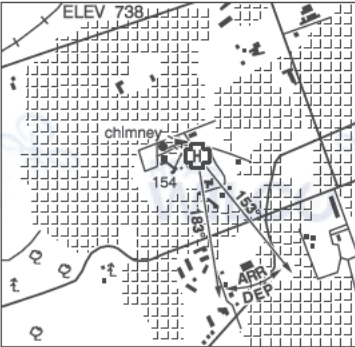
ONTARIO

AERODROME/FACILITY DIRECTORY

PETERBOROUGH (REG HEALTH CENTRE) ON (Heli)

CNU3

REF	N44 18 02 W78 20 45 Adj W 12°W UTC-5(4) Elev 738' A5000
OPR	Peterborough Regional Health Centre 705-743-2121 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 90' dia CONC Safety Area 120' dia Max heli overall length 60' RCR Opr
LIGHTING	RY(LO) Green RF(FL) ARCAL 123.0 key mic 7 times to activate
PRO	Arr/dep 153° to 183° fr heli, slope 8% (H3) day/night use.
CAUTION	Lgtd and painted twr 891 ASL (154 AGL) aprx 350' W of A/D





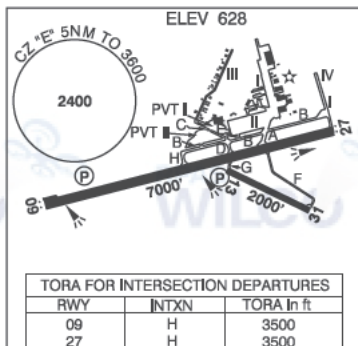
## ONTARIO

## AERODROME/FACILITY DIRECTORY

## PETERBOROUGH ON

CYPQ

<b>REF</b>	N44 13 50 W78 21 48 3SSW 12°W UTC-5(4) Elev 628' A5000 LO6 HI5 CAP
<b>OPR</b>	City 705-743-6708 12-23Z± Oct 01-Mar 31, 12-01Z± Apr 01-Sep 30 Cert
<b>PF</b>	A-1,2 C-3,4,5,6 After hrs terminal access code 2977*
<b>CUST</b>	AOE/15 1330-2130Z± Mon-Fri exc hols 888-226-7277 PN
<b>FLT PLN</b>	
<b>FIC</b>	London 866-WXBRIF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
<b>WX</b>	METAR AUTO H24 (see COMM). TAF 11-03Z±, Issue times: 11,14, 20Z (DT 10, 14, 20Z) WxCam



<b>SERVICES</b>	1130-0030Z± Apr-Sep, 13-23Z± Oct-Mar. Stay late or callout on request. After hrs callout chg may apply. Call 705-745-8626.
<b>FUEL</b>	100LL, JA-1
<b>OIL</b>	All
<b>S</b>	1,2,3,4,5,6
<b>SUP FL</b>	D & A-ice
<b>JASU</b>	CE13, CA2
<b>MILCON</b>	Stewart Aviation (World Fuel Services) 705-745-8626
<b>RWY DATA</b>	Rwy 09(088°)/27(268°) 7000x100 ASPH Rwy 13(128°)/31(308°) 2000x49 ASPH Day use only
<b>RWY CERT</b>	Rwy 09/27 AGN IIIB Rwy 13/31 AGN I
<b>TWY CERT</b>	Twy: C, F, G AGN I
<b>TWY</b>	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.
<b>APRON</b>	Pvt Apron II (Adj B & C) rstd to 3000 lbs or less
<b>RCR</b>	Opr Win 12-23Z± O/T 3 hrs PN CRFI/RSC avbl ltd hrs PLR/PCN
<b>LIGHTING</b>	09-AS(TE ME) P2, 27-AS(TE ME) P1 ARCAL-123.0 type K
<b>COMM</b>	
<b>MF</b>	UNICOM ltd hrs O/T tfc 123.0 5NM 3600 ASL
<b>PAL</b>	Toronto Ctr 134.25
<b>AWOS</b>	126.925 (YPQ)
<b>NAV</b>	
<b>NDB</b>	YPQ 379 (L) N44 12 45 W78 27 47
<b>PRO</b>	Acft are prohibited fr oprg within 302' either side of Rwy 09/27. PPR for cont circuits on Rwy 13/31. Extv flt tng w/in 25NM of A/D, all quadrants to 6000' ASL. (See VTPC).
<b>NOISE</b>	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.
<b>CAUTION</b>	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.

ONTARIO

AERODROME/FACILITY DIRECTORY

DUNSFORD ON

CDU5

REF	N44 27 17 W78 37 49 Adj E 11°W (2017) UTC-5(4) Elev 900' A5000
OPR	Glenn Snarr 705-772-9496 Reg PPR
PF	C-1,2,3 D-4,5,6
FLT PLN	FIC London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	
COMM	ATF tfc 122.8 4NM 4000 ASL
CAUTION	
	Low ultra-light act in 5NM radius. 50' tre

