



Flight Plan & Site Survey

Created using **RPAS Wilco®**

Reference No:	F2A2C9
Title:	NRMFC Float site
Pilot Name:	[REDACTED]
Pilot Certificate:	[REDACTED]
Flight Start:	May 16, 2024 1:10 PM
Flight End:	May 16, 2024 3:10 PM
Flight Area (Latitude):	43° 0' 38.00" N (43.011)
Flight Area (Longitude):	79° 22' 46.00" W (-79.379)
Altitude - Radius:	Alt: 400 ft - Rad: 926.0 m (0.5 nm)
Classification:	UNCONTROLLED
FIR - Contact:	CYZZ - 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

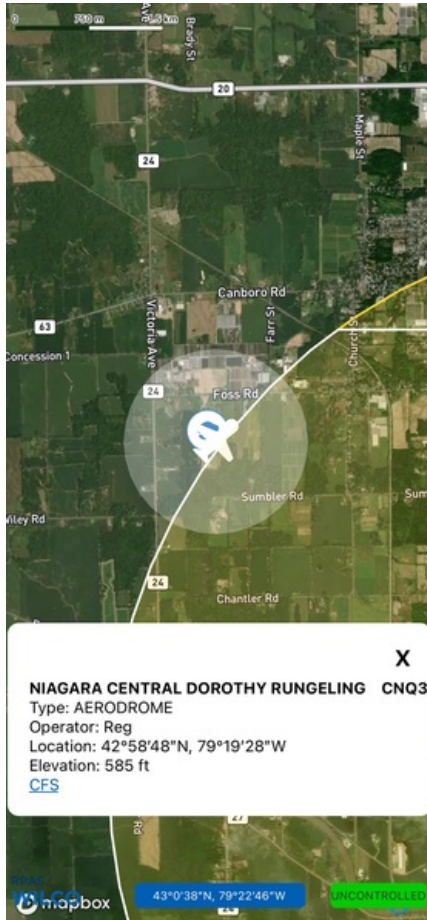
<https://rpaswilco.com/#/tnc>

Included

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





Flight Map



RPAS Specification

- **Manufacturer:**
MAAC
- **Model:**
MODEL AIRPLANE
- **Registration Number:**
[REDACTED]
- **Eligible for advanced operations:**
Yes
- **Manufacturer RPAS safety assurance:**
 - Controlled Airspace: YES
 - Near People: NO
 - Over People: NO

MAP Details

	Latitude	Longitude
 MODEL	43° 0' 38.00" N (43.011)	79° 22' 46.00" W (-79.379)
 Pilot Randall Hepner	43° 0' 41.60" N (43.0116)	79° 22' 49.60" W (-79.3804)



Airspace Classification



Overlying Airspaces

Class	Name	Floor	Ceiling
B	T608 Airway	12500MSL	18000MSL
E	T608 Airway	2200AGL	12500MSL
E	Windsor, ON TA	700AGL	12500MSL
B	Windsor, ON TA	12500MSL	18000MSL
E	Southern Ontario Low Level Control Area CAE	6500MSL	12500MSL
B	Southern Ontario Low Level Control Area CAE	12500MSL	18000MSL
E	Toronto XPNDR MANDTRY	6500MSL	12500MSL
E	Southern Ontario Low Level Control Area CAE	2500MSL	6500MSL

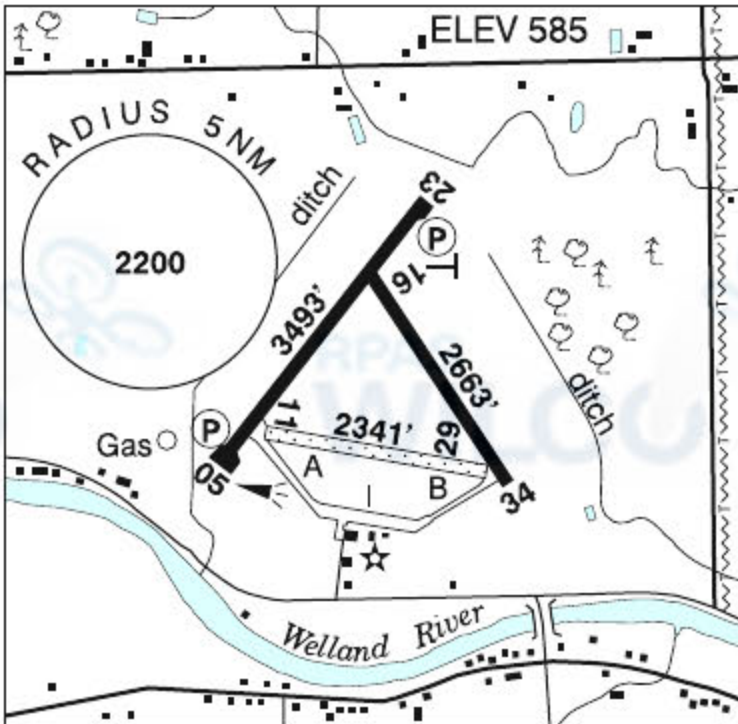
Nearest Aerodromes & Distance from Operation

NIAGARA CENTRAL DOROTHY RUNGELING (CNQ3 - AERODROME - Reg)	Lat: 42.98	Long: -79.324	5.646KM	3.05NM	SE
WELLAND (COUNTY GEN HOSPITAL) (CPB3 - HELIPORT - Cert)	Lat: 42.977	Long: -79.25	11.17KM	6.03NM	E
PORT COLBORNE (CPE5 - AERODROME - Reg)	Lat: 42.877	Long: -79.353	15.006KM	8.1NM	S
ST.CATHARINES(NIAGARA HEALTH SYSTEM) (CNH4 - HELIPORT - Cert)	Lat: 43.152	Long: -79.281	17.643KM	9.53NM	NE
SMITHVILLE (CLS6 - AERODROME - Reg)	Lat: 43.101	Long: -79.63	22.706KM	12.26NM	NW

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AERODROME/FACILITY DIRECTORY

WELLAND / NIAGARA CENTRAL DOROTHY RUNGELING ON CNQ3

REF	N42 58 48 W79 19 29 3.5W 10°W (2014) UTC-5(4) Elev 585' A5000 LO6 CAP	
OPR	Niagara Central Airport Commission 905-714-1000 Reg	
PF	B-6 C-2,3,4,5	
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 Self-serve H24 Visa, MasterCard & debit cards	
OIL	All	
S	2,3,4,5	
RWY DATA	Rwy 05(048°)/23(228°) 3493x100 ASPH AGN II Rwy 16(156°)/34(336°) 2663x50 ASPH Rwy 11(110°)/29(290°) 2341x60 GRASS	
RCR	Opr 14-22Z† Rwy 11/29 no win maint.	
LIGHTING	05-(TE ME) AP, 23-(TE ME) AP ARCAL-123.5 type K	
COMM	ATF UNICOM ltd hrs O/T tfc 123.5 5NM 3600 ASL	
PRO		
CAUTION	Rgt hand circuits Rwy 23, 29, and 34 (CAR 602.96). Parachute activity, do not over-fly A/D; join circuit on downwind leg. Parajumps at A/D and within 2NM to 12500 ASL Mar-Dec. Glider activity Sat, Sun and hols Apr-Jun and Sep-Nov. Gliders may follow non-standard circuit. Canada Geese activity.	

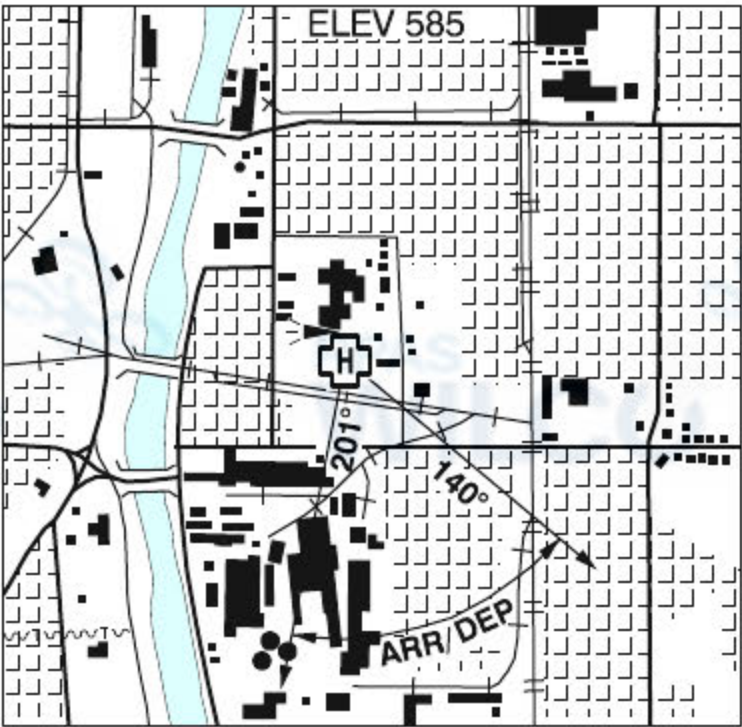
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WELLAND (COUNTY GEN HOSP) ON (Heli)

CPB3

REF	N42 58 39 W79 14 59 Adj S 10°W UTC-5(4) Elev 585' A5000
OPR	Welland County Gen Hosp 905-732-6111 Cert PPR
FLT PLN	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
FIC	
HELI DATA	86' dia (40' ASPH, 46' GRASS) 114' dia Rstd max heli length 57.5'
RCR	Opr
LIGHTING	RY(LO) RF(FL)
PRO	Arr/dep btwn 140°-201° fr heli, slope 8% (H3), day/night use.



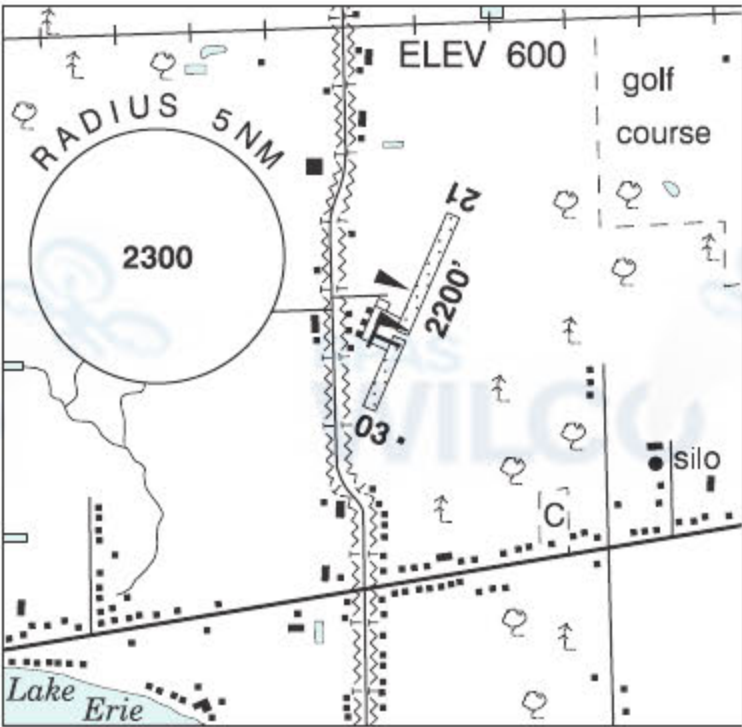
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PORT COLBORNE ON

CPE5

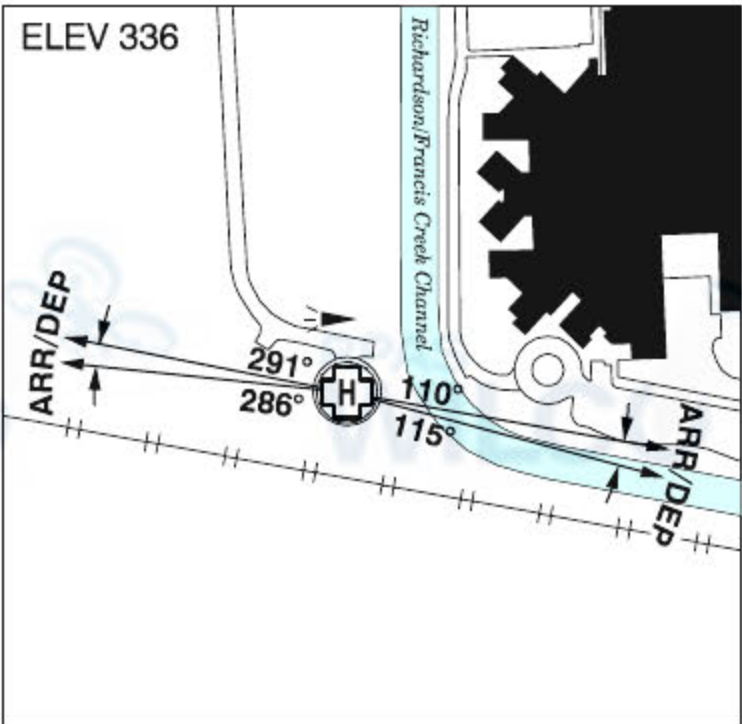
REF	N42 52 39 W79 21 10 4.8W 10°W UTC-5(4) Elev 600' A5000
OPR	Skydive Burnaby 905-899-1528 Reg PPR
PF	B-1 C-2,3,4,5,6
FLT PLN FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
SERVICES FUEL OIL S	100LL All 1,4,5
RWY DATA RCR	Rwy 03/21 2200x75 GRASS Thld 03 displ 800'. Opr No win maint. Rwy soft when wet.
COMM ATF A/G	tfc 123.2 5NM 3600 ASL 122.9
PRO	Rgt hand circuits Rwy 21 (CAR 602.96) release of parachutes Mon-Fri fr 500' ab CYA513(P) activated by NOTAM when ASL.



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ST. CATHARINES (NIAGARA HEALTH SYSTEM) ON (Heli) CNH4

REF	N43 09 06 W79 16 50 Adj 10°W (2013) UTC-5(4) Elev 336' VTA A5000	
OPR	Niagara Health System 905-378-4647 Ext 32284 Cert PPR	
FLT PLN	FIC London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada and USA)	
HELI DATA	FATO/TLOF 82' dia ASPH Safety Area 110' dia Max heli overall length 54.6' Opr	
	RATO/TLOF 82' dia ASPH Safety Area 110' dia Max heli overall length 54.6' Opr	
LIGHTING	RY(LO) green	
COMM	ATF tfc 123.25 ltd hrs 5NM 3400 ASL	
PRO	Arr/dep btwn 110°-115° and 286°-291° fr heli. Slope 16% (H2), day/night use VFR only.	
CAUTION	CN railway line runs S of heli.	

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SMITHVILLE ON

CLS6

REF	N43 06 04 W79 37 49 3.6WNW 10°W (2021) UTC-5(4) Elev 640' VTA A5000	
OPR	Smithville Flying Club Inc. 647-522-4645 Reg PPR	
PF	B-7 C-2,3,4,5	
FLT PLN	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
FIC		
SERVICES		
FUEL	100LL PN	
OIL	20W50, 15W50	
S	1,4,5	
RWY DATA	Rwy 01/19 2500x35 ASPH, centre 35' ASPH Thld 19 displ 280'	
RCR	Opr Ltd win maint	
LIGHTING	01-(TE LO), 19-(TE LO) ARCAL-123.35 type J	
COMM		
ATF	UNICOM ltd hrs O/T tfc 123.35 3NM 3700 ASL	
CAUTION	Acft on apch to Hamilton apt Rwy 30 may overfly A/D at 3000 ASL. Ocsl deer crossing rwy.	

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).