



Flight Plan & Site Survey

Created using **RPAS Wilco**®

Operation Name:	Oshawa Maxwell Heights
Pilot Name:	
Pilot Certificate:	
Flight Start:	December 8, 2023 10:16 AM
Flight End:	December 8, 2023 12:16 PM
Flight Address:	1100 Coldstream Drive, Oshawa, Ontario L1K 0N1, Canada
Flight Area (Latitude):	43° 56' 43.88" N (43.946)
Flight Area (Longitude):	78° 51' 1.60" W (-78.85)
Altitude - Radius:	Alt: 400 ft - Rad: 926.0 m (0.5 nm)
Airspace:	CONTROLLED
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.

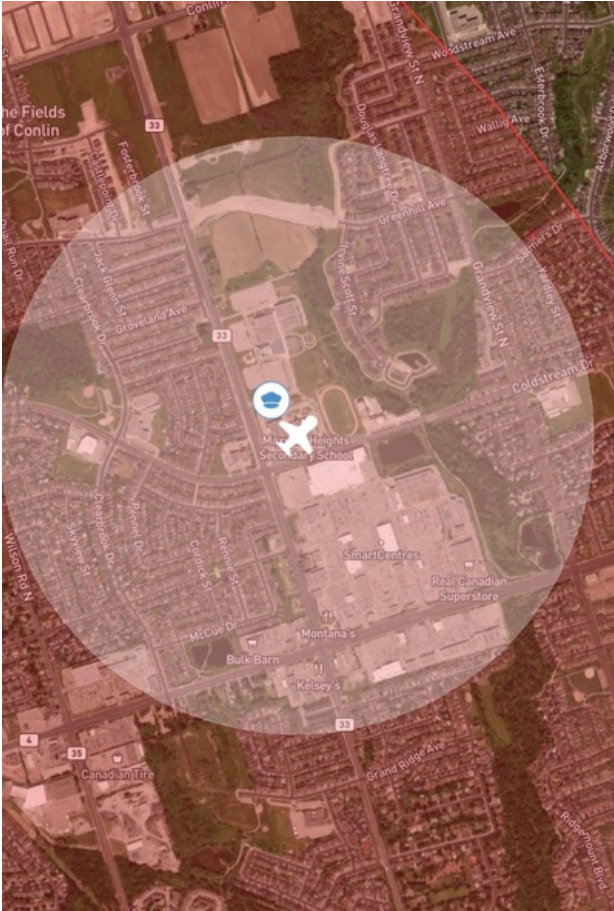
For the complete Terms & Conditions, see

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



Included

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

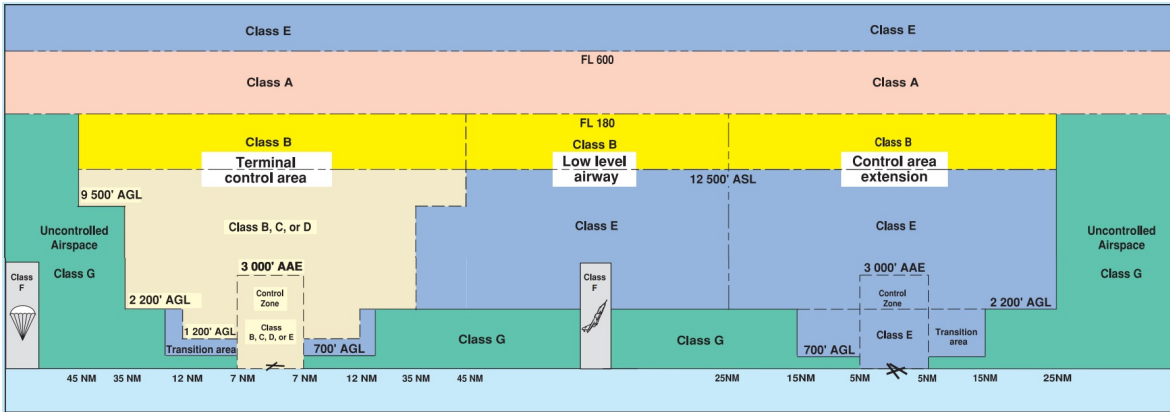
Flight Map



MAP Details

	Latitude	Longitude
 MODEL	43° 56' 43.88" N (43.946)	78° 51' 1.60" W (-78.85)
 Pilot	43° 56' 47.48" N (43.9465)	78° 51' 5.20" W (-78.8514)

Airspace Classification



Overlying Airspaces

Class	Name	Floor	Ceiling
B	Southern Ontario Low Level Control Area CAE	12500MSL	18000MSL
E	Southern Ontario Low Level Control Area CAE	2500MSL	6500MSL
E	Southern Ontario Low Level Control Area CAE	6500MSL	12500MSL
E	Toronto XPNDR MANDTRY	6500MSL	12500MSL
B	Windsor, ON TA	12500MSL	18000MSL
E	Windsor, ON TA	700AGL	12500MSL
D	Oshawa CZ	SFC	3000MSL
E	T781 Airway	2200AGL	12500MSL
B	T781 Airway	12500MSL	18000MSL

Nearest Aerodromes & Distance from Operation

OSHAWA EXECUTIVE AIRPORT (CY00 - AERODROME - Cert)	Lat: 43.923	Long: -78.896	4.425 KM	2.39 NM
HOSKIN (CPP3 - AERODROME - Reg)	Lat: 44.062	Long: -78.885	13.243 KM	7.15 NM
HAWKEFIELD (CHF4 - AERODROME - Reg)	Lat: 43.998	Long: -78.648	17.219 KM	9.3 NM
MARTYN (CBM2 - AERODROME - Reg)	Lat: 44.095	Long: -78.736	18.974 KM	10.25 NM
UTICA FIELD (CUT2 - AERODROME - Reg)	Lat: 44.066	Long: -79.021	19.119 KM	10.32 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).

ONTARIO

AERODROME/FACILITY DIRECTORY

TORONTO / OSHAWA EXECUTIVE AIRPORT ON

CYOO

REF	N43 55 22 W78 53 47 Adj N 11°W (2015) UTC-5(4) Elev 460' VTA A5000 LO6 T2 CAP	
OPR	Corporation of the City of Oshawa 905-576-8146 11-04Z† O/TPN Cert	
PF	A-2,7 B-6 C-1,3,4,5	
CUST	AOE/50 1330-2130Z† Mon-Fri 888-226-7277; AOE/15 Gen Avn 12-05Z†	
FLT PLN	Pilots to open/close VFR flt pln with London rdo 123.15 or by phone.	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
WX	METAR AUTO H24 (see COMM) TAF H24, issue times: 02, 08, 14 and 20Z WxCam	
SERVICES		
FUEL	100LL (cardlock on Apron I), JA-1	
OIL	All	
S	1,2,3,4,5,6	
PVT ADV	Enterprise Air Inc 131.05 905-721-0054	
RWY DATA	Rwy 12(122°)/30(302°) 4250x100 ASPH Rwy 12 down 0.31% Rwy 05(046°)/23(226°) 2654x100 ASPH Rwy 23 down 0.6%	
RWY CERT	Rwy 12 RVR 1200(1/4sm)/Rwy 30 RVR 1200(1/4sm) AGN IIIA Rwy 05/23 AGN II	
TWY CERT	Twy C: AGN I fr Apron V to Twy B & AGN IIIA fr Twy B to Rwy 12/30 & AGN I fr Rwy 12/30 to Rwy 05/23	
TWY	Normal Rwy 30 depts are from Twy B. Acft requiring full length must notify gnd ctl on initial contact.	
RCR	Twr 905-576-2398 RSC/CRFI avbl 1130-0330Z† OPR 905-576-8146 RSC/CRFI avbl 0330-1130Z† PLR/PCN.	
LIGHTING	05-AS(TE ME) P1, 23-(TE ME) P1, 12-AS(TE HI) P2, 30-AS(TE HI) P2 ARCAL-120.1 type K	
COMM		
ATIS	125.675 1130-0330Z†	
GND	118.4 1130-0330Z†	
TWR	120.1 (V) 1130-0330Z† (emerg only 905-576-2398)	
MF	tfc 120.1 0330-1130Z† 5NM 3000 ASL (CAR 602.98)	
ARR	Toronto tml 133.4	
DEP	Toronto tml 133.4	
AWOS	125.675 0330-1130Z†	
PRO	Rgt hand circuits Rwy 23 & 30 (CAR 602.96). On dep no turns below 1000 ASL. Arr turns to final apch will be made at or above 1000 ASL. Flts proh btwn 2230 & 0630 lcl unless appr by APM. Ctc opr for details. Pilots are requested to maintain 2000 ASL or above over Metropolitan Toronto Zoo (N43 49 05 W79 11 15). Tng flt prohibited at all times unless approved by APM. Ctc OPR for details.	
CAUTION	Winch launched hang gliders, cable up to 2000 AGL fr N43 55 W79 08 aprx 11NM W of A/D. Wildlife frequently on rwys.	

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AERODROME/FACILITY DIRECTORY

PORT PERRY / HOSKIN ON

CPP3

REF	N44 03 42 W78 53 07 2.5SE 11°W (2013) UTC-5(4) Elev 900' VTA A5000	<p>The chart shows a runway oriented 177°/357° with a length of 2200 feet. A 5 NM radius circle is centered on the runway. Elevation markers include 900, 2600, and 36. The runway is labeled 18 and 36. The chart also shows a treeline and a ditch running parallel to the runway.</p>
OPR	Norm Hoskin 905-242-8920 Reg PPR	
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 1,4,5	
RWY DATA	Rwy 18(177°)/36(357°) 2200x60 GRASS	
RCR	Opr No win maint Rwy soft when wet.	
COMM	ATF tfc 123.2 2NM 3900 ASL	
CAUTION	Treeline parallels W side of rwy edge by 40'. Ditch running parallel to both sides of rwy at midfield. Numerous tall trees on apch Rwy 36.	

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AERODROME/FACILITY DIRECTORY

ORONO / HAWKEFIELD ON

CHF4

REF	N43 59 54 W78 38 54 1.9NW 11°W (2016) UTC-5(4) Elev 620' A5000	
OPR	Hannu Halminen 905-449-1857 Reg PPR	
PF	C-1,2,3,5,7	
FLT PLN		
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
SERVICES		
S	1,4	
RWY DATA	Rwy 18(178°)/36(358°) 4250x100 GRASS	
RCR	Opr No win maint	
COMM		
ATF	tfc 123.2 2NM 3700 ASL	
PRO	Rgt hand circuits Rwy 18 (CAR 602.96)	
CAUTION	High tension p-line 130 AGL 0.2NM N of Rwy 18.	

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AERODROME/FACILITY DIRECTORY

BLACKSTOCK / MARTYN ON

CBM2

REF	N44 05 41 W78 44 11 3.8ESE 11°W (2014) UTC-5(4) Elev 1000' VTA A5000	
OPR	Jim Martyn 905-434-9033 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)	
SERVICES		
S	1,4,5	
RWY DATA	Rwy 17(170°)/35(350°) 2200x50 GRASS Rwy 12(120°)/30(300°) 1400x50 GRASS	
RCR	Opr No win maint. Rwy soft when wet.	
COMM		
ATF	tfc 123.2 5NM 4000 ASL	
CAUTION	P-line south and east of A/D. Ldg only Rwy 12, tkof only Rwy 30.	

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AERODROME/FACILITY DIRECTORY

PORT PERRY / UTICA FIELD ON

CUT2

REF	N44 03 58 W79 01 15 4.1WSW 11°W (2016) UTC-5(4) Elev 920' VTA A5000
OPR	Arnold Kerry 905-985-7792 Reg PPR
PF	C-1,2,4 D-3,5,6,7,8
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 08(075°)/26(255°) 1968x75 GRASS Rwy 08 down 1.68%
RCR	Opr No maint
COMM	
ATF	tfc 123.2 2NM 4000 ASL excluding Greenbank (CNP8) ATF area

