



Flight Plan & Site Survey

Created using **RPAS Wilco®**

Operation Name:

Mission 01-27-2023

Pilot Name:

[REDACTED]

Pilot Certificate:

[REDACTED]

Flight Start:

January 27, 2023 1:38 PM

Flight End:

January 27, 2023 3:38 PM

Flight Area (Latitude):

42° 43' 13.90" N (42.721)

Flight Area (Longitude):

81° 7' 55.60" W (-81.132)

Altitude - Radius:

Alt: 700 ft - Rad: 926.0 m (0.5 nm)

Airspace:

CERT

FIR - Contact:

CZYZ - 905-676-4509

Weather:

-2.1 Celsius - Snow, 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

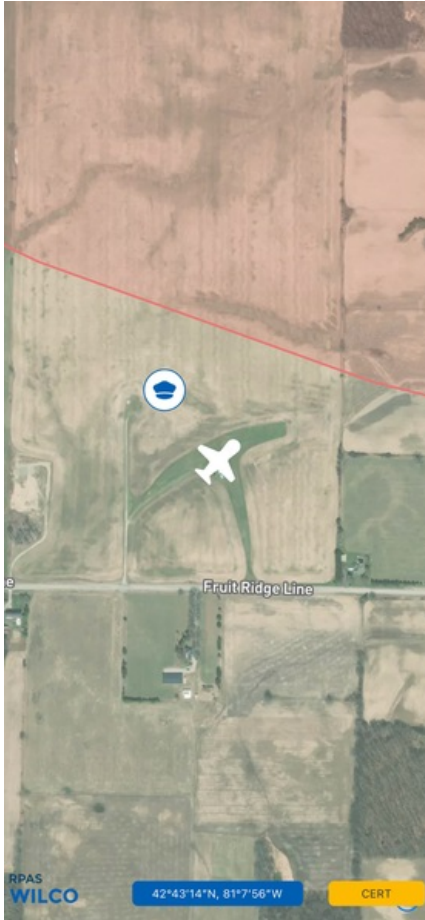
METAR & TAF (if available)

NOTAMs



CFS



Flight Map



MAP Details

		Latitude	Longitude
	MODEL	42° 43' 13.90" N (42.721)	81° 7' 55.60" W (-81.132)
	Pilot	42° 43' 17.50" N (42.7215)	81° 7' 59.20" W (-81.1331)



Airspace Classification



Overlying Airspaces

Class	Name	Floor	Ceiling
E	Southern Ontario Low Level Control Area CAE	2500MSL	6500MSL
E	Southern Ontario Low Level Control Area CAE	6500MSL	12500MSL
B	Southern Ontario Low Level Control Area CAE	12500MSL	18000MSL

Nearest Aerodromes & Distance from Operation

ST. THOMAS MUNICIPALITY (CYQS AERODROME Cert)	Lat: 42.77	Long: 81.109	5.816 KM	3.14 NM
IONA STATION (BOBIER STRIP) (COS2 AERODROME Reg)	Lat: 42.676	Long: 81.451	26.526 KM	14.32 NM
LONDON (VICTORIA HOSPITAL) (CPW2 HELIPORT Cert)	Lat: 42.959	Long: 81.226	27.6 KM	14.9 NM
BUSHHAWK CREEK (CBH5 AERODROME Reg)	Lat: 42.714	Long: 80.745	31.634 KM	17.08 NM

Weather Information for Mission Day

Summary: Cloudy skies throughout the day with snow.

Condition	Temperature	Feels Like	Precipitation	Visibility	Cloud Coverage	Wind Speed	Humidity
Snow, Overcast	2.1 Celsius	8.7 Celsius	100.0 %	9.3 Km	96.8 %	50.0 kph	82.5 %

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.

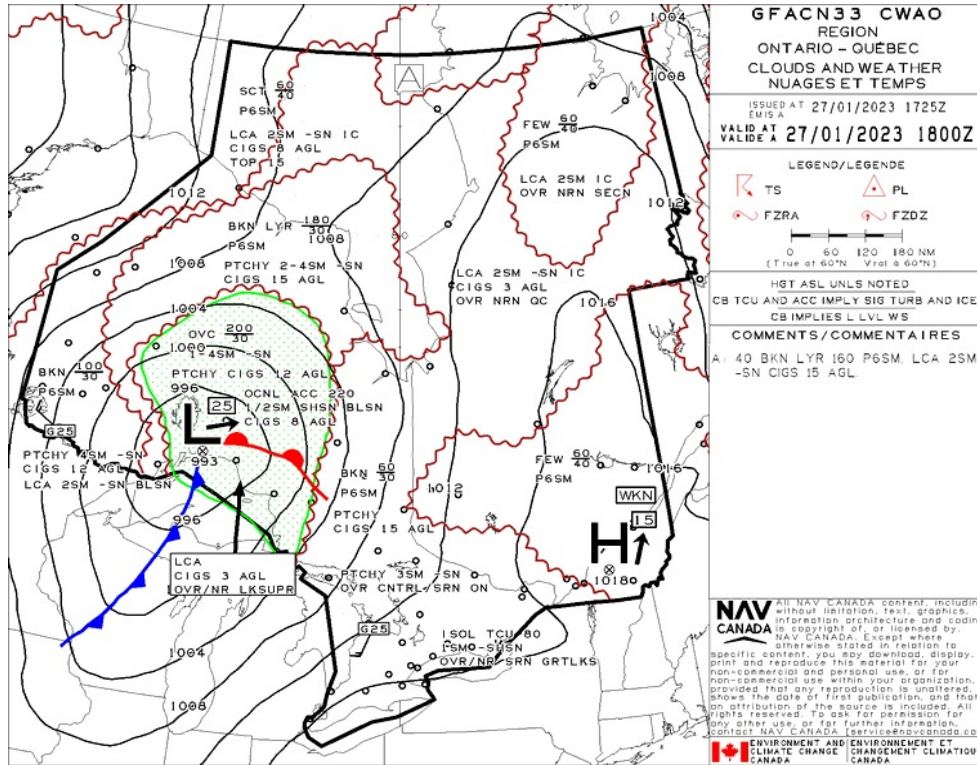
Operations at or in the Vicinity of an Aerodrome, Airport or Heliport

- **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.

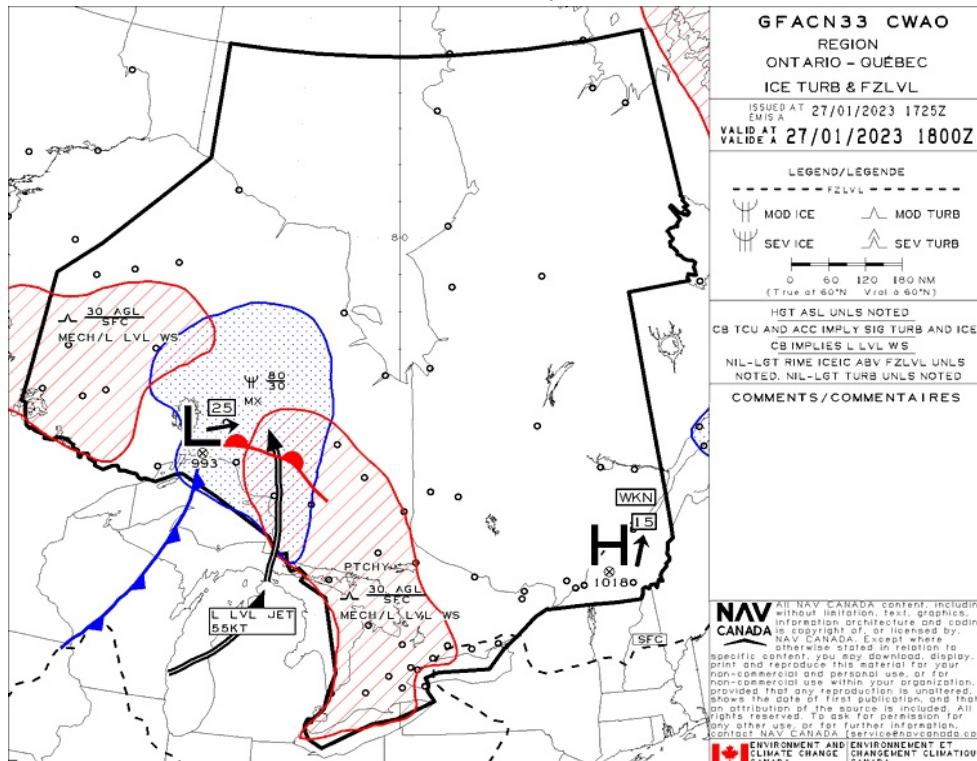
Records

- **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).

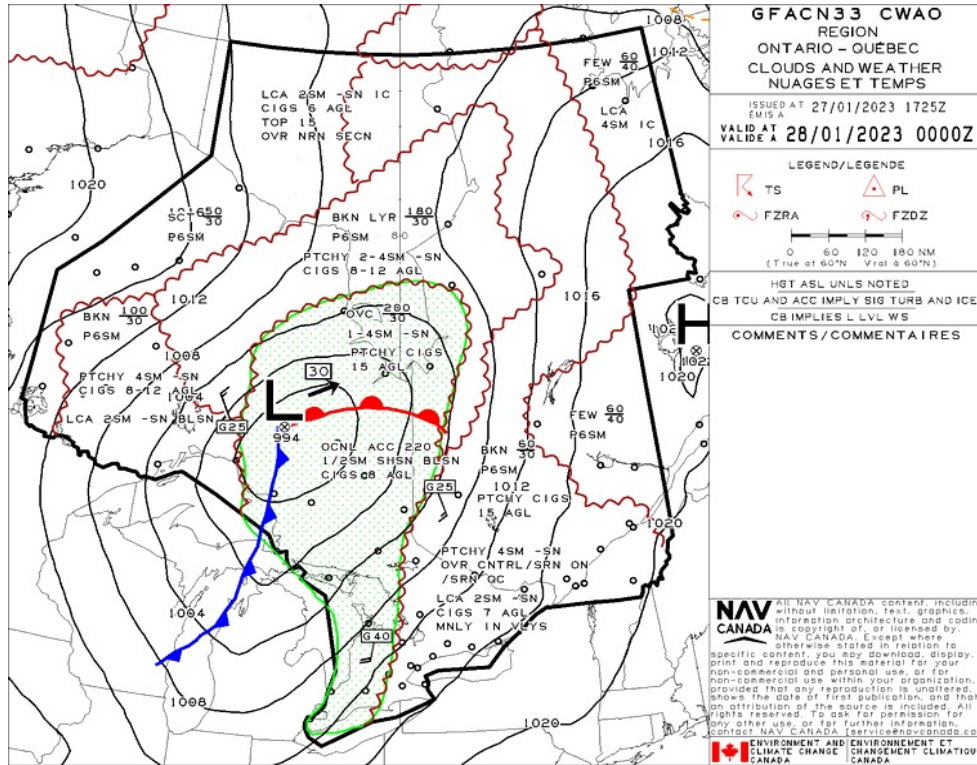
GFA Issue time + 00 hr - CLOUDS AND WEATHER



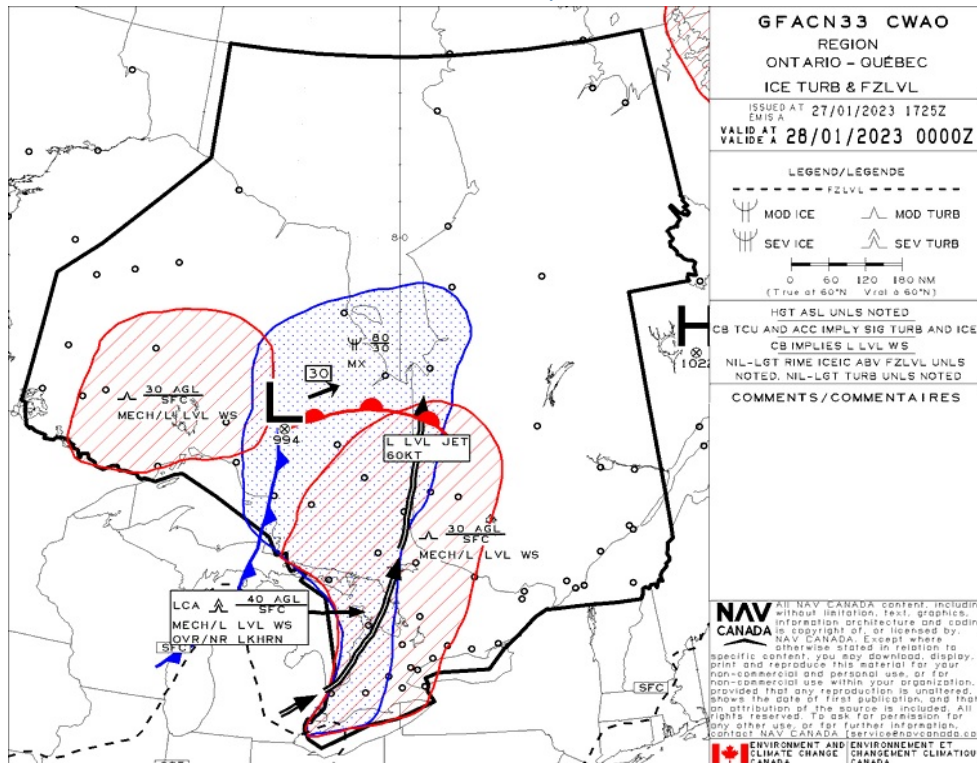
GFA Issue time + 00 hr - TURBULENCE, ICING AND FREEZING LEVEL



GFA Issue time + 06 hr - CLOUDS AND WEATHER

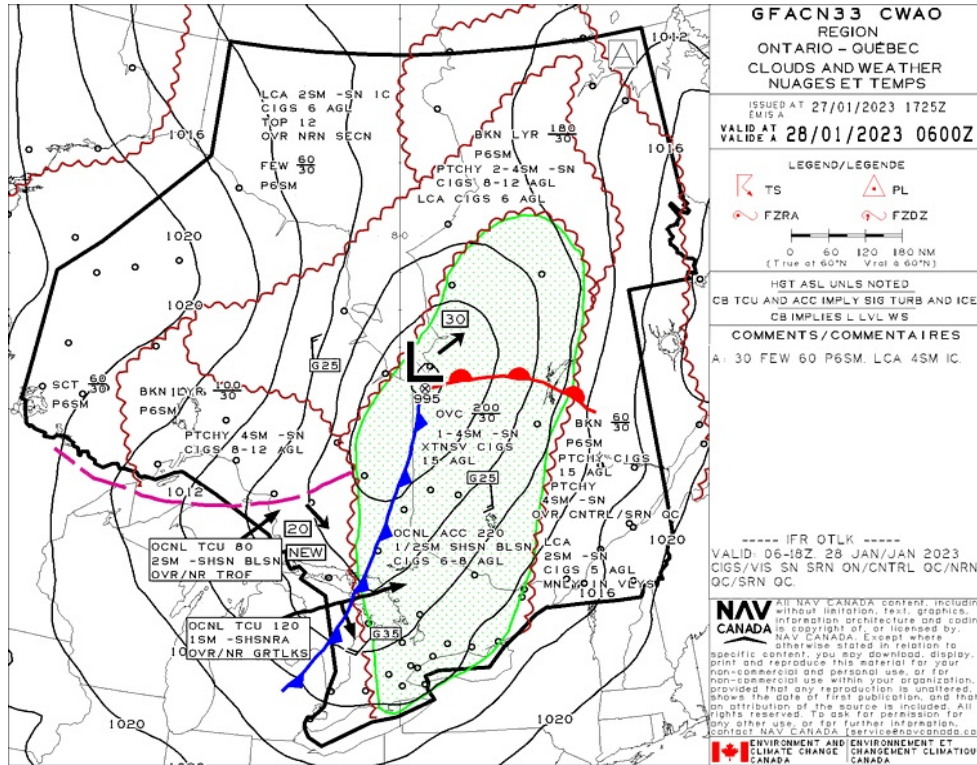


GFA Issue time + 06 hr - TURBULENCE, ICING AND FREEZING LEVEL

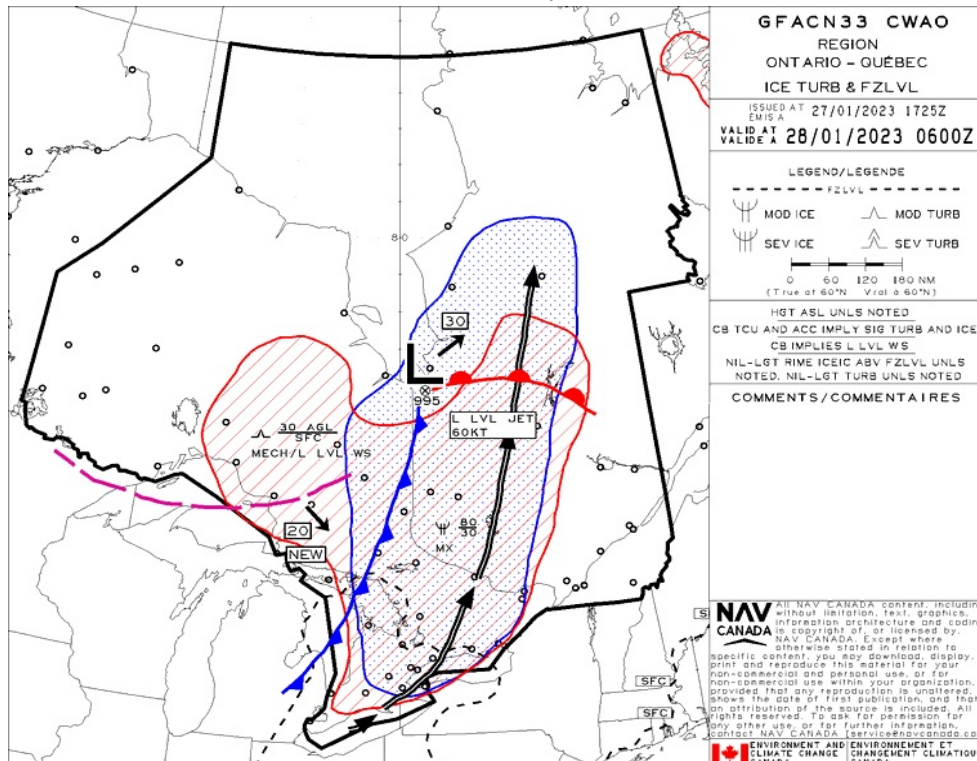




GFA Issue time + 12 hr - CLOUDS AND WEATHER



GFA Issue time + 12 hr - TURBULENCE, ICING AND FREEZING LEVEL



ST. THOMAS MUNICIPALITY - CYQS - Cert

NOTAM

(J8241/22 NOTAMR J6312/22
Q) CZYZ/QOBCE/IV/M/AE/000/009/4247N08106W005
A) CYQS B) 2212121831 C) 2302011800EST
E) MOBILE CRANE WITHIN 84FT RADIUS CENTRED ON 424633N 0810602W APRX
100FT BFR THR 27 AND 820FT NORTH EXTENDED RC . 62FT AG 835FT
AMS . NOT GTD, NOT PAINTED.)

(J0093/23 NOTAMR J7485/22
Q) CZYZ/QMR C/IV/NB0/A/000/999/4246N08107W005
A) CYQS B) 2301061400 C) 2304071600EST
E) RWY 15/33 C SD.)

(G0033/23 NOTAMR G2417/22
Q) CZXX/QOECH/IV/NB0/E/000/999/5518N09358W999
A) CZWG CZYZ B) 2301111838 C) 2304121800EST
E) A ACFT, REGARDLESS OF THE STATE OF REGISTRY, DIRECT Y OR
INDIRECT Y OWNED, CHARTERED, EASED, OPERATED OR OTHERWISE
CONTROLLED BY A PERSON CONNECTED WITH EITHER THE RUSSIAN
FEDERATION OR OF BEARUS OR BY A CORPORATION OR ENTITY THAT IS
INCORPORATED OR FORMED UNDER THE LAWS OF THE RUSSIAN FEDERATION
OR BEARUS, AND A OPERATORS HOLDING AN AIR OPERATOR CERTIFICATE
(AOC) ISSUED BY RUSSIAN FEDERATION AND/OR BEARUSIAN AUTHORITIES
ARE PROHIBITED TO ENTER, EXIT OR OVERFLY CANADA'S TERRITORIA
AIRSPACE (INCLUDING F T WITHIN 12NM OF CANADA'S COASTS).
EXCEPTIONS PERMITTED FOR ACFT EXPERIENCING IMMINENT EMERG.

A AUTH OBTAINED PRIOR TO 27 FEB 2022 FOR ACFT AND OPS SUBJECT
TO THIS NOTAM ARE REVOKED.

HUMANITARIAN, SAR, MEDEVAC AND ANY OTHER F T SEEKING AN EXCEPTION
TO THIS RESTRICTION MUST RECEIVE AUTH GRANTED AFTER 27 FEB 2022
FM THE MINISTER OF TRANSPORT TO OPERATE IN CANADA'S TERRITORIA
AIRSPACE. AFFECTED ACFT WISHING TO OBTAIN SUCH AN AUTH OR C R
INTO CANADA'S TERRITORIA AIRSPACE MAY APPLY TO THE MINISTER OF
TRANSPORT AT 1-877-992-6853 OR 1-613-992-6853 OR BY EMAIL AT
OPERATIONS.AVIATION(AT)TC.GC.CA.)

(A3613/23 NOTAMR A3515/23
Q) CZYZ/QFAXX/IV/NB0/A/000/999/4246N08107W005
A) CYQS B) 2301271903 C) 2301280303
E) RSC 03/21 40 PCT 1/8IN WET SNOW AND 25 PCT 1/8IN WET SNOW ON TOP
OF ICE, CHEMICALLY TREATED, LOOSE SAND APPLIED. TRACE SNOW DUE TO
DRIFTING BARE WET AND BARE DRY PATCHES. VALID JAN 27 1843 - JAN
27 2100.

RSC 09/27 25 PCT 1/8IN WET SNOW ON TOP OF ICE AND 10 PCT ICE.
CHEMICALLY TREATED, LOOSE SAND APPLIED. TRACE SNOW DUE TO
DRIFTING RUNWAY MOSTLY BARE DAMP WITH BARE DRY SECTIONS. VALID
JAN 27 1853 - JAN 27 2100.

ADDN NON-GRF/TA PA INFO:
CRFI 03 NR/NR/NR.
CRFI 21 NR/NR/NR.
CRFI 09 NR/NR/NR.
CRFI 27 NR/NR/NR.

RMK: TWY TRACE SNOW OVER ICE BARE WET AND BARE DRY PATCHES.
RMK: APN TRACE SNOW OVER ICE BARE WET AND BARE DRY PATCHES.
RMK: CONDITIONS CHANGING RAPIDLY. NEXT OBS AT JAN 27 2030.)



IONA STATION (BOBIER STRIP) - COS2 - Reg

NOTAM

(G0033/23 NOTAMR G2417/22
Q) CZXX/QOEC/IV/NBO/E/000/999/5518N09358W999
A) CZWG CZYZ B) 2301111838 C) 2304121800EST
E) A ACFT, REGARDLESS OF THE STATE OF REGISTRY, DIRECTLY OR
INDIRECTLY OWNED, CHARTERED, EASED, OPERATED OR OTHERWISE
CONTROLLED BY A PERSON CONNECTED WITH EITHER THE RUSSIAN
FEDERATION OR OF BEARUS OR BY A CORPORATION OR ENTITY THAT IS
INCORPORATED OR FORMED UNDER THE LAWS OF THE RUSSIAN FEDERATION
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LONDON (VICTORIA HOSPITAL) - CPW2 - Cert

NOTAM

(D0184/23 NOTAMN
Q) CZYZ/Q0BCE/IV/M/AE/000/012/4301N08109W005
A) CYXU B) 2301291130 C) 2301292015
E) CRANE 430120N 0810914W APRX 2300FT BEYOND THR 33 AND 3600FT SW
RC . 200FT AG 1116FT AMS . NOT GTD, NOT PAINTED.)

(G0033/23 NOTAMR G2417/22
Q) CZXX/Q0ECH/IV/NB0/E/000/999/5518N09350W999
A) CZWG CZYZ B) 2301111838 C) 2304121800EST
E) A ACFT, REGARD ESS OF THE STATE OF REGISTRY, DIRECT Y OR
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(J8539/22 NOTAMR J6426/22
Q) CZYZ/QFP T/IV/B/A/000/999/4258N08114W005
A) CXXX B) 2212231546 C) 2303231600EST
E) CPW2 ONDON (VICTORIA HOSPITA) (HE I)
ARR AND DEP PATH RESTRICTED TO 141DEG AND 241DEG FM HE I ON Y)

(J0310/23 NOTAMR J0307/23
Q) CZYZ/QPKCR/V/NB0/A/000/999/4301N08116W005
A) CXXX B) 2301161801 C) 2304161700EST
E) CPR4 ONDON (UNIVERSITY HOSPITA) (HE I)
ARR/DEP 130DEG FR HE I AVB DAY IGH T HR ON Y)

BUSHHAWK CREEK - CBH5 - Reg

NOTAM

(G0033/23 NOTAMR G2417/22
Q) CZXX/QOEC/IV/NB0/E/000/999/5518N09358W999
A) CZWG CZYZ B) 2301111838 C) 2304121800EST
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OR BEARUS, AND A OPERATORS HOLDING AN AIR OPERATOR CERTIFICATE
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ONTARIO

AERODROME/FACILITY DIRECTORY

ST. THOMAS MUNI ON

CYQS

REF	N42 46 12 W81 06 35 3.5E 9°W (2012) UTC-5(4) Elev 779' A5000 LO6 HI5 CAP	
OPR	Muni 519-633-5866 or 519-631-1680 Cert	
PF	B-1,2 C-3,4,5,6	
CUST	AOE/15 888-226-7277 14-20 \pm Mon-Fri exc hols	
FLT PLN		
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
WX	AUTO (see COMM) WxCam	
SERVICES	13-21Z \pm O/T call out chg may be levied	
FUEL	100LL, JA-1 (FSII avbl) Self-serve, Debit, Visa, Mastercard and Amex accepted.	
OIL	80, W80, 100, W100, W100plus, 15W50, 20W50, 20W50M, 25W60, Turbo Oil 2380	
S	1,2,3,4,5,6	
RWY DATA	Rwy 09(094°)/27(274°) 5013x100 ASPH Rwy 03(034°)/21(214°) 2607x75 ASPH Rwy 15(154°)/33(334°) 2610x75 ASPH	
RWY CERT	Rwy 03/21 AGN I Rwy 09/27 AGN IIIA Rwy 15/33 AGN I	
RCR	Opr Snow removal 13-21Z \pm O/T O/R.	
LIGHTING	09-AS(TE ME) P1, 27-AS(TE ME) P1, ARCAL-122.7 type K	
COMM		
ATF	UNICOM ltd hrs O/T tfc 122.7 5NM 3800 ASL	
AUTO	122.550	
CAUTION	Ocsl deer crossing rwys.	

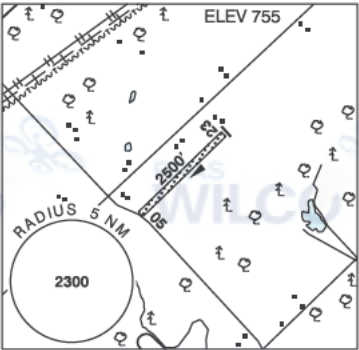
ONTARIO

AERODROME/FACILITY DIRECTORY

IONA STATION (BOBIER STRIP) ON

COS2

REF	N42 40 35 W81 27 04 2.7SW 9°W (2017) UTC-5(4) Elev 755' A5000
OPR	Robert Bobier 519-762-2486 Reg PPR May-Oct
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 05(055°)/23(235°) 2500x50 TURF
RCR	Opr No win maint. Rwy soft in spring. Rolling sfc.
LIGHTING	05-(LO 1600' lgtd O/R), 23-(LO 1600' lgtd O/R)
COMM	
ATF	tfc 123.2 5NM 3700 ASL
CAUTION	Barn at Thld 23.



ONTARIO

AERODROME/FACILITY DIRECTORY

LONDON (VICTORIA HOSP) ON (Heli)

CPW2

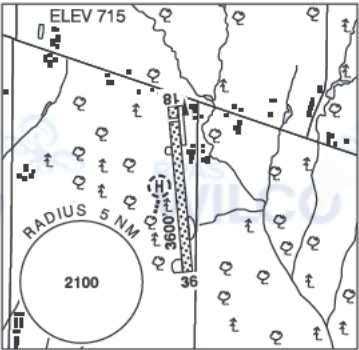
REF	N42 57 33 W81 13 32 Adj 9°W UTC-5(4) Elev 875' A5000	
OPR	Victoria Hosp Corp 519-685-8500 Cert PPR	
FLT PLN	FIC London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
HELI DATA	86' dia asphalt 114' dia Max heli overall length 57.5'	
LIGHTING	DR RY(LO) RF(FL)	
COMM	A/G Ambulance dispatch 129.275	
PRO	Two arr/dep paths brg 141° & 241° fr heli, slope 8% (H3), day/night use VFR only.	

ONTARIO

AERODROME / FACILITY DIRECTORY

STRAFFORDVILLE / BUSHHAWK CREEK ON

CBH5

REF	N42 42 52 W80 44 42 2.5SSE 9°W (2021) UTC-5(4) Elev 715' A5000	
OPR	Bushhawk Creek 519-866-5294 Reg PPR	
PF	B-5 (emerg only) C-1,2 D-3,4,5	
FLT PLN		
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
RWY DATA	Rwy 18/36 3600x100 TURF Thld 18 displ 250'	
RCR	Opr Ltd win maint	
COMM		
ATF	tfc 123.2 5NM 3800 ASL	
CAUTION	Trees and P-lines adj Thld 18. Deer and wild turkeys in vic of Thld 36. Agricultural ops adj rwy.	