



Flight Plan & Site Survey

Created using **RPAS Wilco®**

Operation Name:	Mission 02-13-2023
Pilot Name:	██████████
Pilot Certificate:	██████████
Flight Start:	February 13, 2023 4:11 PM
Flight End:	February 13, 2023 6:11 PM
Flight Area (Latitude):	48° 23' 32.30" N (48.392)
Flight Area (Longitude):	89° 35' 0.20" W (-89.583)
Altitude - Radius:	Alt: 700 ft - Rad: 926.0 m (0.5 nm)
Airspace:	UNCONTROLLED
FIR - Contact:	CZWG - 204-983-8338
Weather:	-1.2 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.

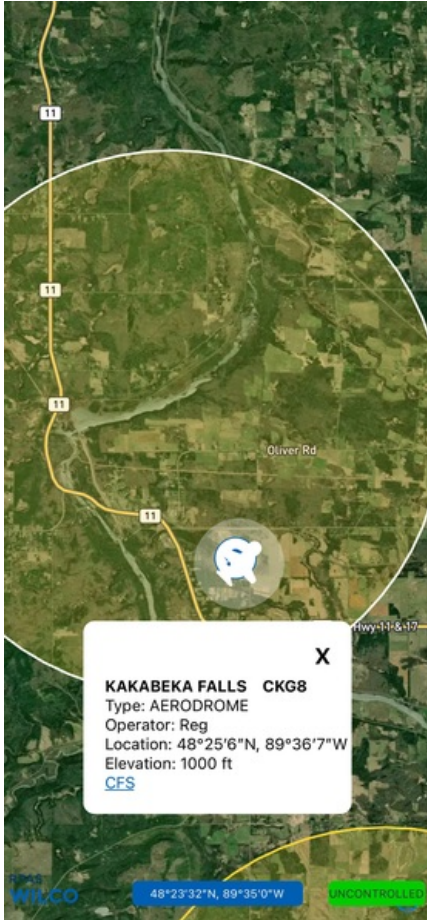
For the complete Terms & Conditions, see

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



Included

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

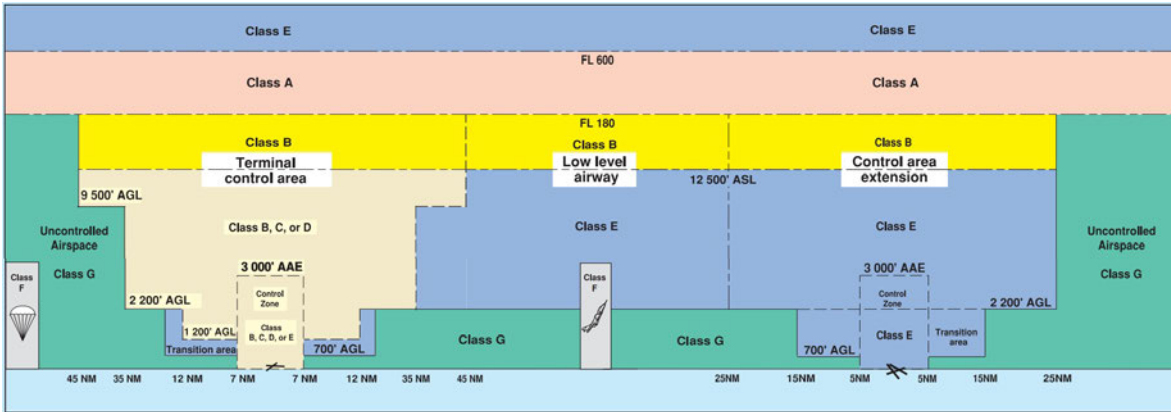
Flight Map



MAP Details

	Latitude	Longitude
 MODEL	48° 23' 32.30" N (48.392)	89° 35' 0.20" W (-89.583)
 Pilot	48° 23' 35.90" N (48.3933)	89° 35' 3.80" W (-89.5844)

Airspace Classification



Overlying Airspaces

Class	Name	Floor	Ceiling
E	T675 Airway	2200AGL	12500MSL
B	T675 Airway	12500MSL	18000MSL
E	Thunder Bay, ON TA XPNDR MANDTRY	3000MSL	12500MSL
E	T702 Airway	2200AGL	12500MSL
B	T702 Airway	12500MSL	18000MSL
E	R6 Airway	2200AGL	12500MSL
B	R6 Airway	12500MSL	18000MSL
B	Thunder Bay, ON CAE XPNDR MANDTRY	12500MSL	18000MSL

Nearest Aerodromes & Distance from Operation

KAKABEKA FALLS (CKG8 AERODROME Reg)	Lat: 48.418	Long: 89.602	3.17 KM	1.71 NM
MARTINS LANDING (CML5 AERODROME Reg)	Lat: 48.293	Long: 89.543	11.439 KM	6.18 NM
THUNDER BAY (CYQT AERODROME Cert)	Lat: 48.372	Long: 89.322	19.435 KM	10.49 NM
THUNDER BAY (HEALTH SCIENCE CENTRE) (CTB2 HELIPORT Cert)	Lat: 48.423	Long: 89.27	23.383 KM	12.63 NM

Weather Information for Mission Day

Summary: Becoming cloudy in the afternoon.

Condition	Temperature	Feels Like	Precipitation	Visibility	Cloud Coverage	Wind Speed	Humidity
Partially cloudy	1.2 Celsius	5.0 Celsius	0.0 %	24.7 Km	41.5 %	26.3 kph	76.6 %

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.

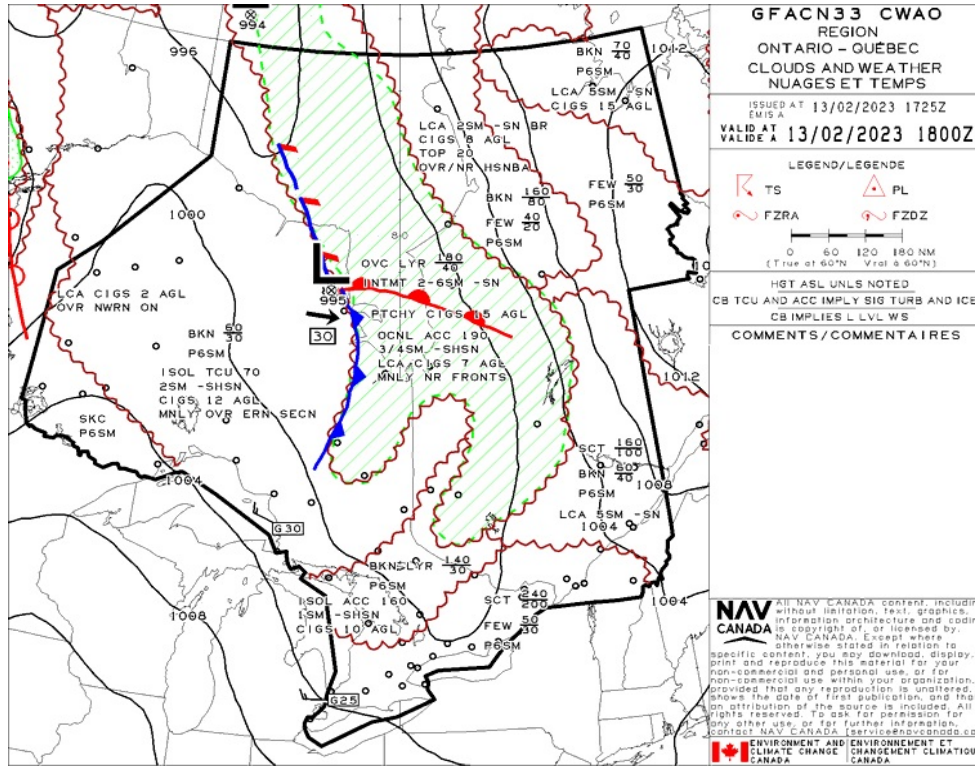
Operations at or in the Vicinity of an Aerodrome, Airport or Heliport

- **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.

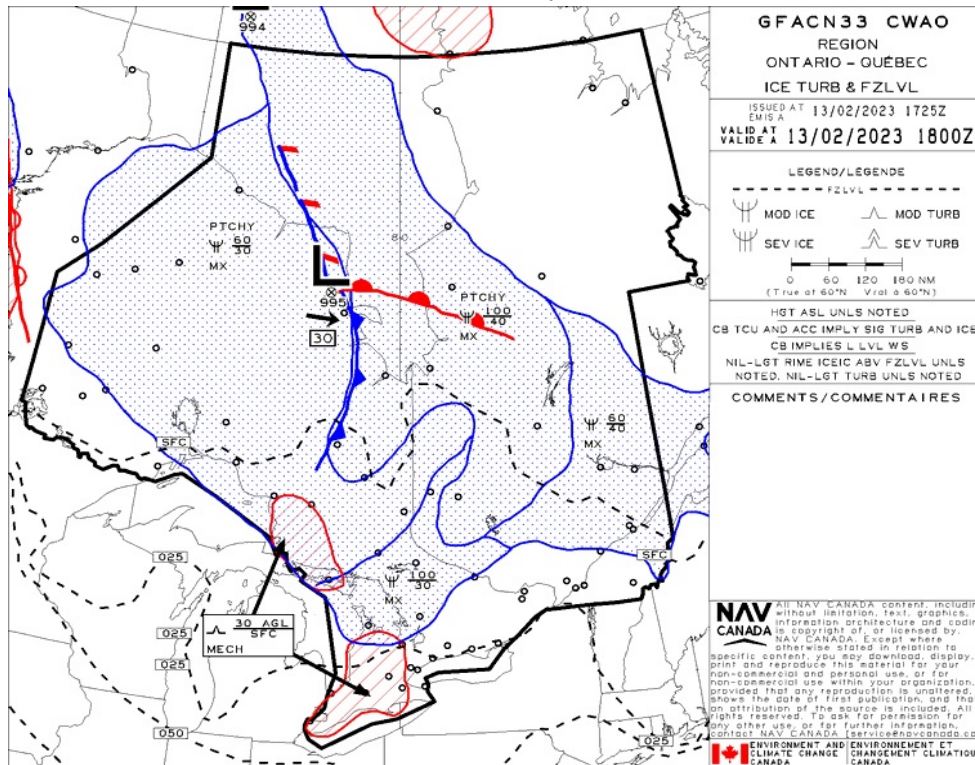
Records

- **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).

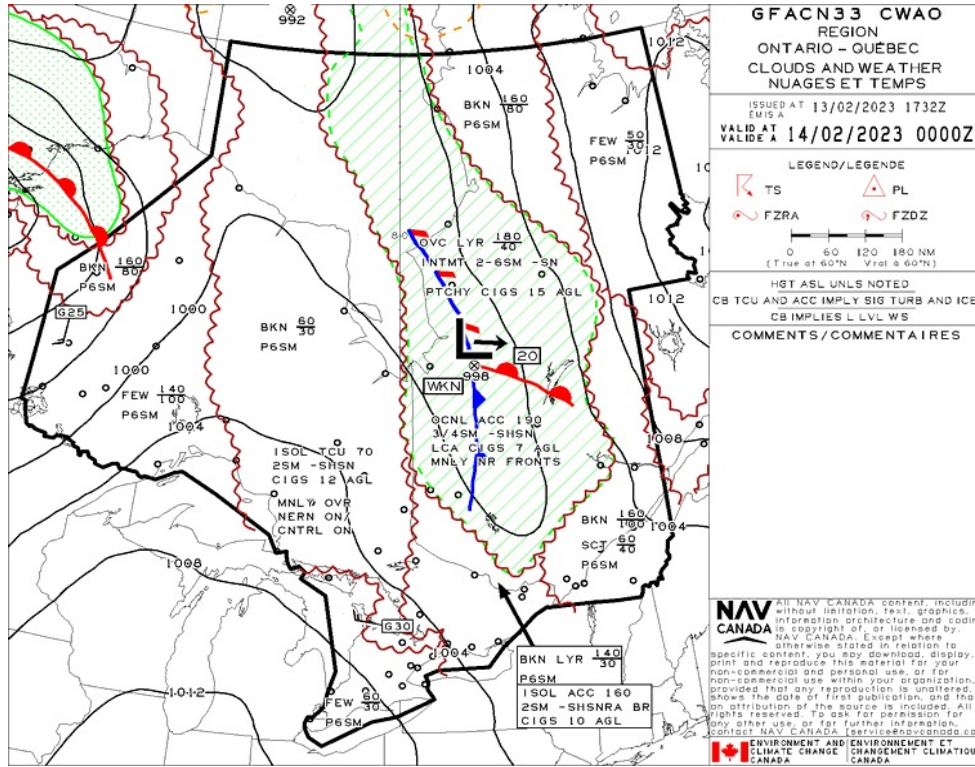
GFA Issue time + 00 hr - CLOUDS AND WEATHER



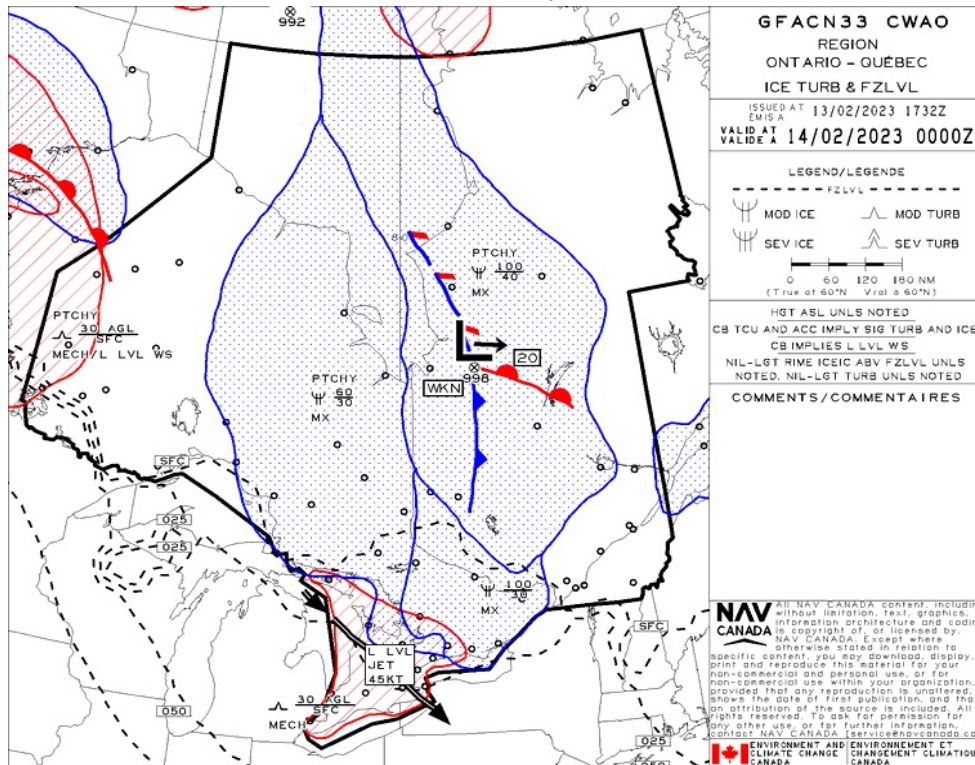
GFA Issue time + 00 hr - TURBULENCE, ICING AND FREEZING LEVEL



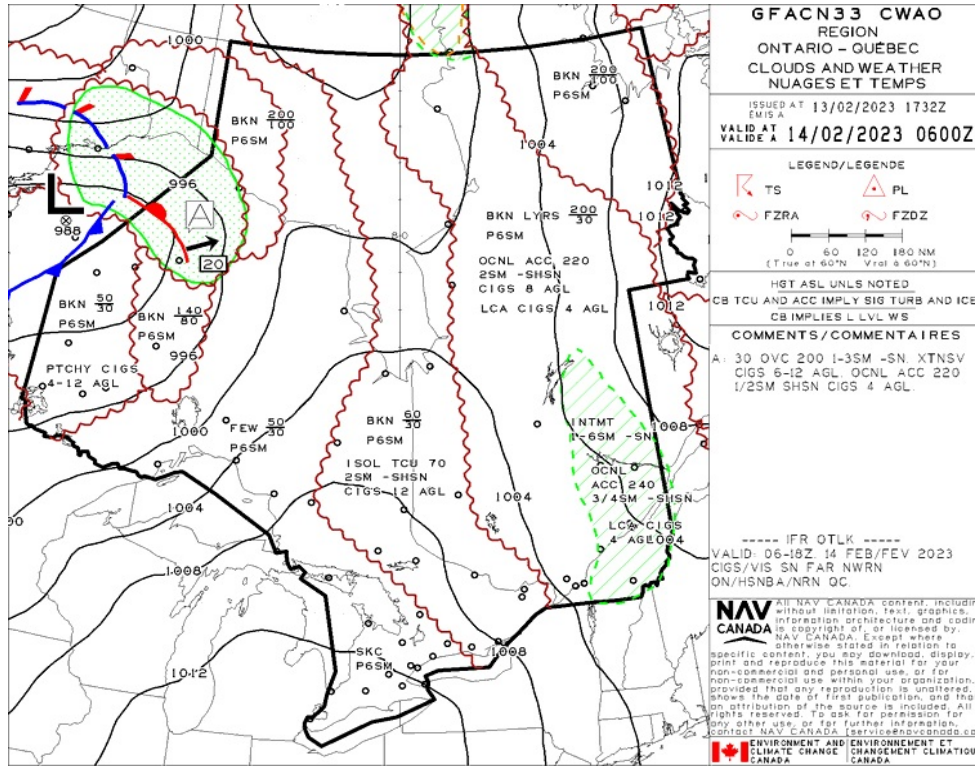
GFA Issue time + 06 hr - CLOUDS AND WEATHER



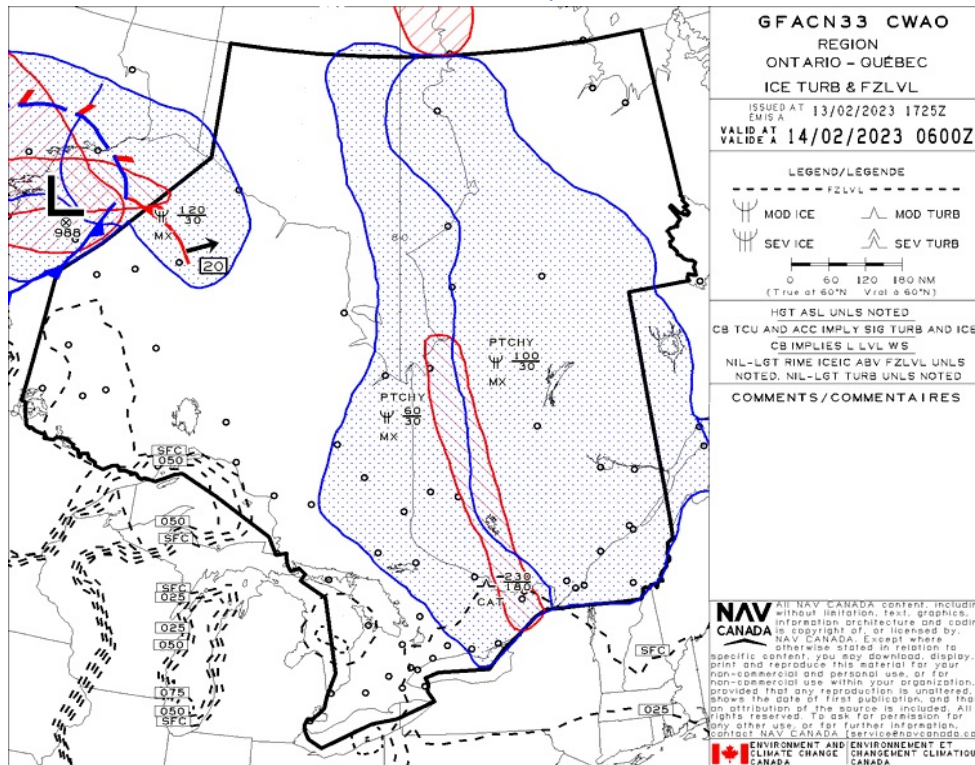
GFA Issue time + 06 hr - TURBULENCE, ICING AND FREEZING LEVEL



GFA Issue time + 12 hr - CLOUDS AND WEATHER



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





KAKABEKA FALLS - CKG8 - Reg

NOTAM

(M0016/23 NOTAMR M2833/22
Q) CZWG/QNNAS/IV/B0/AE/000/999/4822N08920W025
A) CYQT B) 2301041342 C) 2304042359EST
E) MCKAY (THUNDER BAY) TACAN UAU 112.5MHZ/CH72X U/S)

(G0033/23 NOTAMR G2417/22
Q) CZXX/QOECH/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, LEASED, 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 TERRITORIAL
AIRSPACE (INCLUDING FURTHER WITHIN 12NM OF CANADA'S COASTS).
EXCEPTIONS PERMITTED FOR ACFT EXPERIENCING IMMINENT EMERGENCY.

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

HUMANITARIAN, SAR, MEDEVAC AND ANY OTHER FURTHER SEEKING AN EXCEPTION
TO THIS RESTRICTION MUST RECEIVE AUTHORITY GRANTED AFTER 27 FEB 2022
FROM THE MINISTER OF TRANSPORT TO OPERATE IN CANADA'S TERRITORIAL
AIRSPACE. AFFECTED ACFT WISHING TO OBTAIN SUCH AN AUTHORITY OR CLARIFICATION
INTO CANADA'S TERRITORIAL 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.)

(M0222/23 NOTAMN
Q) CZWG/QNMXX/IV/B0/AE/000/999/4815N08926W025
A) CYQT B) 2302112007 C) 2302172359
E) THUNDER BAY VOR/DME YQT 114.1MHZ/CH88X UNMONITORED)

(G0100/23 NOTAMR G2624/22
Q) CZWG/QART/IV/NBO/E/000/999/4929N08904W120
A) CZWG B) 2301311211 C) 2302230901EST
E) J525-596 BTN YSP AND YX NDB NOT SUITABLE FOR VOR NAV)



MARTINS LANDING - CML5 - Reg

NOTAM

(M0222/23 NOTAMN

Q) CZWG/QNMX/IV/B0/AE/000/999/4815N08926W025

A) CYQT B) 2302112007 C) 2302172359

E) THUNDER BAY VOR/DME YQT 114.1MHZ/CH88X UNMONITORED)

(J7669/22 NOTAMN

Q) CZWG/QFAX/IV/NB0/A/000/999/4818N08933W005

A) CXXX B) 2211171441 C) PERM

E) CH 5 THUNDER BAY/MARTINS LANDING

AMEND PUBLICATIONS: OPERATE TO READ: 807-344-0071)

(G0100/23 NOTAMR G2624/22

Q) CZWG/QAR T/IV/NB0/E/000/999/4929N08904W120

A) CZWG B) 2301311211 C) 2302230901EST

E) J525-596 BTN YSP AND YX NDB NOT SUITABLE FOR VOR NAV)

(M0016/23 NOTAMR M2833/22

Q) CZWG/QNNAS/IV/B0/AE/000/999/4822N08920W025

A) CYQT B) 2301041342 C) 2304042359EST

E) MCKAY (THUNDER BAY) TACAN UAU 112.5MHZ/CH72X U/S)

(G0033/23 NOTAMR G2417/22

Q) CZXX/QOEH/IV/NB0/E/000/999/5518N09358W999

A) CZWG CZY B) 2301111838 C) 2304121800EST

E) ALL 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 OR BEARUS, AND ALL OPERATORS HOLDING AN AIR OPERATOR CERTIFICATE (AOC) ISSUED BY RUSSIAN FEDERATION AND/OR BEARUSIAN AUTHORITIES ARE PROHIBITED TO ENTER, EXIT OR OVERFLY CANADA'S TERRITORIAL AIRSPACE (INCLUDING FURTHER WITHIN 12NM OF CANADA'S COASTS). EXCEPTIONS PERMITTED FOR ACFT EXPERIENCING IMMEDIATE EMERGENCY.

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Flight Plan & Site Survey

THUNDER BAY - CYQT - Cert

METAR

METAR CYQT 132200Z 28007KT 20SM BKN260 05/M07 A2961 RMK CI7
CC ASOCTD SLP039=

METAR	LOCATION CYQT - THUNDER BAY/ON	DATE - TIME 13 FEBRUARY 2023 - 2200 UTC
WIND 280 TRUE @ 7 KNOTS	VISIBILITY 20 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER	CLOUDINESS BROKEN CLOUDS (5/8 - 7/8) 26000 FT	TEMP / DEWPOINT 5 C / -7 C
ALTIMETER 29.61 IN HG	RECENT WEATHER	WIND SHEAR

METAR CYQT 132000Z 29016KT 20SM FEW035 SCT260 04/M07 A2960
RMK CF1CI4 CF TR CC OCTD SLP036=

METAR	LOCATION CYQT - THUNDER BAY/ON	DATE - TIME 13 FEBRUARY 2023 - 2000 UTC
WIND 290 TRUE @ 16 KNOTS	VISIBILITY 20 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER	CLOUDINESS FEW CLOUDS (1/8 - 2/8) 3500 FT SCATTERED CLOUDS (3/8 - 4/8) 26000 FT	TEMP / DEWPOINT 4 C / -7 C
ALTIMETER 29.60 IN HG	RECENT WEATHER	WIND SHEAR

NOTAM

(J7863/22 NOTAMN
Q) CZWG/QFFCH/IV/NBO/A/000/999/4822N08919W005
A) CYQT B) 2211251629 C) PERM
E) AMEND PUB ICATIONS: SERVICES:
ACFT RESCUE AND FIRE FIGHTING (ARFF) TO READ:
CAT 7 INSTEAD OF CAT 6)

(U0159/23 NOTAMR U1768/22
Q) CZWG/Q0 AS/IV/M/AE/000/009/4821N08917W005
A) CYQT B) 2301301638 C) 2304281700EST
E) OBST GT U/S TOWER 482120N 0891721W (APRX 1.63NM SE AD) 229FT
AG , 859FT AMS .)

(U0221/23 NOTAMR U1514/22
Q) CZWG/Q0 AS/IV/M/AE/000/010/4821N08918W005
A) CYQT B) 2302131638 C) 2302141700EST
E) OBST GT U/S MU TIP E TOWERS WITHIN 150FT RADIUS CENTRED ON
482110N 0891828W (APRX 1.28NM SSE AD). 305FT AG 958FT AMS .)

(U0156/23 NOTAMR U0112/23
Q) CZWG/Q0 AS/IV/M/AE/000/009/4823N08913W005
A) CXXX B) 2301271758 C) 2304281800EST
E) CTB2 THUNDER BAY (HEALTH SCIENCE CENTRE) (HE I)

OBST GT U/S TOWER 482323N 0891325W (APRX 2.7NM SE AD) 269FT AG ,
871FT AMS .)

(J0325/23 NOTAMN

Q) CZWG/QFFCH/IV/NBO/A/000/999/4822N08919W005
A) CYQT B) 2301180200 C) 2302282031
E) ACFT RESCUE AND FIRE FIGHTING (ARFF) HR OPS TO READ:
DESIGNATED CAT 7:
MON 0201-0430 1000-0159
TUE 0331-0430 1000-0159 0331-0430
WED-THU 1000-1359 1501-0159
FRI 0331-0530 1000-1359 1501-0159
SAT 0331-0530 1000-1629 2031-2244
SUN 0501-0530 1000-1114 1431-1629 1831-2329
DESIGNATED CAT 5:
TUE 0200-0330
WED-FRI 0200-0330 1400-1500
SAT 0200-0330 1630-2030 2245-0500
SUN 1115-1430 1630-1830 2330-0200
O/T 2HR PN CTC AP DUTY MANAGER 807-625-0595)

(J7290/22 NOTAMR J7016/22

Q) CZWG/QMXX/IV/M/A/000/999/4822N08919W005
A) CYQT B) 2211010129 C) PERM
E) AMEND PUB ICATIONS: RWY DATA:
DE ETE: TWY H C SD W OF APRON XI.)

(U0158/23 NOTAMR U1769/22

Q) CZWG/QO AS/IV/M/AE/000/009/4822N08917W005
A) CYQT B) 2301301638 C) 2304281700EST
E) OBST GT U/S TOWER 482133N 0891722W (APRX 1.5NM SE AD) 229FT AG ,
859FT AMS .)

(J0923/23 NOTAMR J0898/23

Q) CZWG/Q PAS/IV/B0/A/000/999/4822N08919W005
A) CYQT B) 2302132206 C) 2302172200EST
E) PAPI 30 U/S)

(J8538/22 NOTAMN

Q) CZWG/QMRXX/IV/NBO/A/000/999/4822N08919W005
A) CYQT B) 2212231545 C) PERM
E) AMEND PUB ICATIONS: RWY DATA:
RWY 07/25 WIDTH TO READ: 148 FT
RWY 12/30 DEC ARED DIST:
RWY 30 TORA 5126 TODA 5626 ASDA 5126 DA 5126)

(U0181/23 NOTAMN

Q) CZWG/QO AS/IV/M/AE/000/014/4826N08918W005
A) CXXX B) 2302032122 C) 2305061500
E) CTB2 THUNDER BAY (HEA TH SCIENCE CENTRE) (HE I)
OBST GT U/S TOWER 482602N 0891806W (APRX 1.42NM WNW AD) 348FT
AG , 1328FT AMS .)

(G0033/23 NOTAMR G2417/22

Q) CZXX/QOECH/IV/NBO/E/000/999/5518N09358W999
A) CZWG CZY B) 2301111838 C) 2304121800EST
E) A ACFT, REGARD ESS OF THE STATE OF REGISTRY, DIRECT Y OR
INDIRECT Y OWNED, CHARTERED, EASED, OPERATED OR OTHERWISE
CONTRO ED BY A PERSON CONNECTED WITH EITHER THE RUSSIAN
FEDERATION OR OF BE ARUS OR BY A CORPORATION OR ENTITY THAT IS
INCORPORATED OR FORMED UNDER THE AWS OF THE RUSSIAN FEDERATION
OR BE ARUS, AND A OPERATORS HO DING AN AIR OPERATOR CERTIFICATE
(AOC) ISSUED BY RUSSIAN FEDERATION AND/OR BE ARUSIAN AUTHORITIES
ARE PROHIBITED TO ENTER, EXIT OR OVERF Y CANADA'S TERRITORIA
AIRSPACE (INC UDING F T WITHIN 12NM OF CANADA'S COASTS).
EXCEPTIONS PERMITTED FOR ACFT EXPERIENCING INF IGH T EMERG.

A AUTH OBTAINED PRIOR TO 27 FEB 2022 FOR ACFT AND OPS SUBJECT
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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 APP Y TO THE MINISTER OF
TRANSPORT AT 1-877-992-6853 OR 1-613-992-6853 OR BY EMAI AT
OPERATIONS.AVIATION(AT)TC.GC.CA.)

(J0344/23 NOTAMR J0343/23

Q) CZWG/QPIXX/I/NBO/A/000/999/4822N08919W005
A) CYQT B) 2301171909 C) PERM
E) AMEND PUB ICATIONS: I S RWY 07 APCH: ADD: OPS NOTE: OW TCH. ACFT
WITH EYE TO WHEE HEIGHT AT OR GREATER THAN 22FT NEED TO EXERCISE
CAUTION.)

(G0100/23 NOTAMR G2624/22

Q) CZWG/QAR T/IV/NBO/E/000/999/4929N08904W120
A) CZWG B) 2301311211 C) 2302230901EST
E) J525-596 BTN YSP AND YX NDB NOT SUITAB E FOR VOR NAV)

(A2064/23 NOTAMN

Q) CZWG/QFAXX/IV/NBO/A/000/999/4822N08919W005
A) CYQT B) 2302131841 C) 2302140241
E) RSC 07 6/6/6 DRY, DRY, DRY. 120FT WIDTH. REMAINING WIDTH ICE.
VA ID FEB 13 1830 - FEB 14 0230.

RSC 25 6/6/6 DRY, DRY, DRY. 120FT WIDTH. REMAINING WIDTH ICE.
VA ID FEB 13 1830 - FEB 14 0230.

RSC 12 6/6/6 DRY, 20 PCT WET, 20 PCT WET. 100FT WIDTH. REMAINING
WIDTH ICE. VA ID FEB 13 1834 - FEB 14 0234.

RSC 30 6/6/6 20 PCT WET, 20 PCT WET, DRY. 100FT WIDTH. REMAINING
WIDTH ICE. VA ID FEB 13 1834 - FEB 14 0234.

ADDN NON-GRF/TA PA INFO:

RMK: TWY TWY A PHA, CHAR IE, DE TA, DE TA NW, ECHO, FOXTROT,
GO F, HOTE , HOTE NE, HOTE SW, 202302131833, DRY. TWY BRAVO,
202302131833, WET. PATCHY CONTAMINANT. TWY ECHO SE, 202302131838,
WET. PATCHY CONTAMINANT.

RMK: APN APN APRON I, APRON IA, APRON IB, 202302131840, DRY. APN
APRON II, 202302131840, WET. PATCHY CONTAMINANT. APN APRON VI,
202302131839, COMPACTED SNOW. PATCHY CONTAMINANT.)

(M0016/23 NOTAMR M2833/22

Q) CZWG/QNNAS/IV/B0/AE/000/999/4822N08920W025
A) CYQT B) 2301041342 C) 2304042359EST
E) MCKAY (THUNDER BAY) TACAN UAU 112.5MHZ/CH72X U/S)

(M0222/23 NOTAM
Q) CZWG/QNMXX/IV/B0/AE/000/999/4815N08926W025
A) CYQT B) 2302112007 C) 2302172359
E) THUNDER BAY VOR/DME YQT 114.1MHZ/CH88X UNMONITORED)



Flight Plan & Site Survey

THUNDER BAY (HEALTH SCIENCE CENTRE) - CTB2 - Cert

NOTAM

(J7863/22 NOTAMN

Q) CZWG/QFFCH/IV/NBO/A/000/999/4822N08919W005
A) CYQT B) 2211251629 C) PERM
E) AMEND PUB ICATIONS: SERVICES:
ACFT RESCUE AND FIRE FIGHTING (ARFF) TO READ:
CAT 7 INSTEAD OF CAT 6)

(U0159/23 NOTAMR U1768/22

Q) CZWG/Q0 AS/IV/M/AE/000/009/4821N08917W005
A) CYQT B) 2301301638 C) 2304281700EST
E) OBST GT U/S TOWER 482120N 0891721W (APRX 1.63NM SE AD) 229FT
AG , 859FT AMS .)

(U0221/23 NOTAMR U1514/22

Q) CZWG/Q0 AS/IV/M/AE/000/010/4821N08918W005
A) CYQT B) 2302131638 C) 2302141700EST
E) OBST GT U/S MU TIP E TOWERS WITHIN 150FT RADIUS CENTRED ON
482110N 0891820W (APRX 1.28NM SSE AD). 305FT AG 958FT AMS .)

(U0156/23 NOTAMR U0112/23

Q) CZWG/Q0 AS/IV/M/AE/000/009/4823N08913W005
A) CXXX B) 2301271758 C) 2304281800EST
E) CTB2 THUNDER BAY (HEA TH SCIENCE CENTRE) (HE I)
OBST GT U/S TOWER 482323N 0891325W (APRX 2.7NM SE AD) 269FT AG ,
871FT AMS .)

(J0325/23 NOTAMN

Q) CZWG/QFFCH/IV/NBO/A/000/999/4822N08919W005
A) CYQT B) 2301100200 C) 2302282031
E) ACFT RESCUE AND FIRE FIGHTING (ARFF) HR OPS TO READ:
DESIGNATED CAT 7:
MON 0201-0430 1000-0159
TUE 0331-0430 1000-0159 0331-0430
WED-THU 1000-1359 1501-0159
FRI 0331-0530 1000-1359 1501-0159
SAT 0331-0530 1000-1629 2031-2244
SUN 0501-0530 1000-1114 1431-1629 1831-2329
DESIGNATED CAT 5:
TUE 0200-0330
WED-FRI 0200-0330 1400-1500
SAT 0200-0330 1630-2030 2245-0500
SUN 1115-1430 1630-1830 2330-0200
O/T 2HR PN CTC AP DUTY MANAGER 807-625-0595)

(J7290/22 NOTAMR J7016/22

Q) CZWG/QMXX/IV/M/A/000/999/4822N08919W005
A) CYQT B) 2211010129 C) PERM
E) AMEND PUB ICATIONS: RWY DATA:
DE ETE: TWY H C SD W OF APRON XI.)

(U0158/23 NOTAMR U1769/22

Q) CZWG/Q0 AS/IV/M/AE/000/009/4822N08917W005
A) CYQT B) 2301301638 C) 2304281700EST
E) OBST GT U/S TOWER 482133N 0891722W (APRX 1.5NM SE AD) 229FT AG ,
859FT AMS .)

(J0923/23 NOTAMR J0898/23

Q) CZWG/Q PAS/IV/BO/A/000/999/4822N08919W005
A) CYQT B) 2302132206 C) 2302172200EST
E) PAPI 30 U/S)

(J8538/22 NOTAMN

Q) CZWG/QMRXX/IV/NBO/A/000/999/4822N08919W005
A) CYQT B) 2212231545 C) PERM
E) AMEND PUB ICATIONS: RWY DATA:
RWY 07/25 WIDTH TO READ: 148 FT
RWY 12/30 DEC ARED DIST:
RWY 30 TORA 5126 TODA 5626 ASDA 5126 DA 5126)

(U0181/23 NOTAMN

Q) CZWG/Q0 AS/IV/M/AE/000/014/4826N08918W005
A) CXXX B) 2302032122 C) 2305061500
E) CTB2 THUNDER BAY (HEA TH SCIENCE CENTRE) (HE I)
OBST GT U/S TOWER 482602N 0891806W (APRX 1.42NM WNW AD) 348FT
AG , 1328FT AMS .)

(G0033/23 NOTAMR G2417/22

Q) CZXX/QOECH/IV/NBO/E/000/999/5518N09358W999
A) CZWG CZVZ B) 2301111838 C) 2304121800EST
E) A - ACFT, REGARD ESS OF THE STATE OF REGISTRY, DIRECT Y OR
INDIRECT Y OWNED, CHARTERED, EASED, OPERATED OR OTHERWISE
CONTR O ED BY A PERSON CONNECTED WITH EITHER THE RUSSIAN
FEDERATION OR OF BE ARUS OR BY A CORPORATION OR ENTITY THAT IS
INCORPORATED OR FORMED UNDER THE AWS OF THE RUSSIAN FEDERATION
OR BE ARUS, AND A OPERATORS HO DING AN AIR OPERATOR CERTIFICATE
(AOC) ISSUED BY RUSSIAN FEDERATION AND/OR BE ARUSIAN AUTHORITIES
ARE PROHIBITED TO ENTER, EXIT OR OVERF Y CANADA'S TERRITORIA
AIRSPACE (INC UDING F T WITHIN 12NM OF CANADA'S COASTS).
EXCEPTIONS PERMITTED FOR ACFT EXPERIENCING INF IGH T 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 APP Y TO THE MINISTER OF TRANSPORT AT 1-877-992-6853 OR 1-613-992-6853 OR BY EMAI AT OPERATIONS.AVIATION(AT)TC.GC.CA.)

(J0344/23 NOTAMR J0343/23

Q) CZWG/QPIX/I/NB0/A/000/999/4822N08919W005

A) CYQT B) 2301171909 C) PERM

E) AMEND PUB ICATIONS: I S RWY 07 APCH: ADD: OPS NOTE: OW TCH. ACFT WITH EYE TO WHEE HEIGHT AT OR GREATER THAN 22FT NEED TO EXERCISE CAUTION.)

(G0100/23 NOTAMR G2624/22

Q) CZWG/QAR T/IV/NB0/E/000/999/4929N08904W120

A) CZWG B) 2301311211 C) 2302230901EST

E) J525-596 BTN YSP AND YX NDB NOT SUITAB E FOR VOR NAV)

(M0016/23 NOTAMR M2833/22

Q) CZWG/QNNAS/IV/BO/AE/000/999/4822N08920W025

A) CYQT B) 2301041342 C) 2304042359EST

E) MCKAY (THUNDER BAY) TACAN UAU 112.5MHZ/CH72X U/S)

(M0222/23 NOTAMN

Q) CZWG/QNMXX/IV/BO/AE/000/999/4815N08926W025

A) CYQT B) 2302112007 C) 2302172359

E) THUNDER BAY VOR/DME YQT 114.1MHZ/CH88X UNMONITORED)

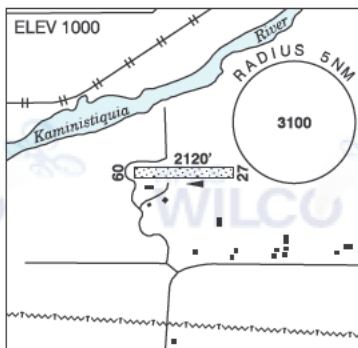
ONTARIO

AERODROME/FACILITY DIRECTORY

KAKABEKA FALLS ON

CKG8

REF	N48 25 06 W89 36 07 1NE 2°W UTC-5(4) Elev 1000' A5001 A5008
OPR	Kakabeka Falls Flying Club Inc 807-474-0970 or 807-627-7075 Reg PPR
PF	C-2
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
RWY DATA	Rwy 09(088°)/27(268°) 2120x130 GRASS
RCR	Opr No win maint. Rwy soft when wet.
COMM	
ATF	tfc 123.0 3NM 3000 ASL
CAUTION	Extv flt tng within 35NM W & N of CYQT CZ to 6000 ASL. Seaplane tfc Adj N.



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THUNDER BAY (MARTIN'S LANDING) ON

CML5

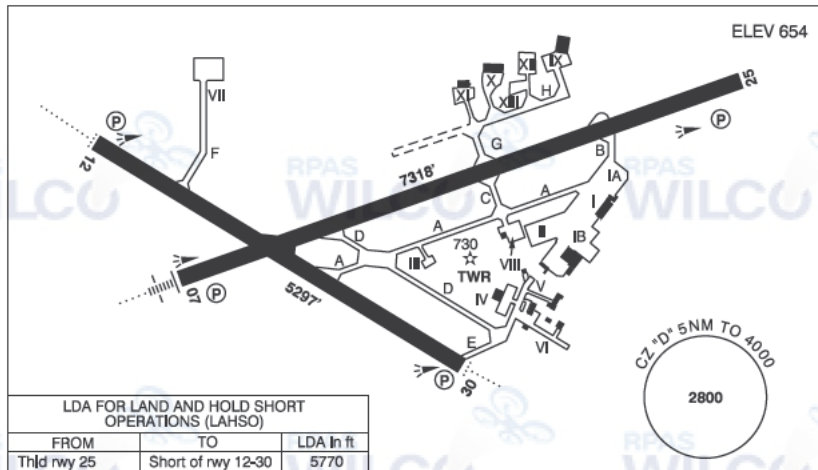
REF	N48 17 37 W89 32 36 14WSW 3°W (2016) UTC-5(4) Elev 1114' A5001 A5008	
OPR	Richard A. Martin 807-628-8551 Reg PPR	
FLT PLN	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
FIC		
SERVICES		
OIL	20W50, 80, 100	
S	1,4,5,6,7	
RWY DATA	Rwy 01(010°)/19(190°) 2090x80 turf/snow	
RCR	Opr Rwy soft when wet	
COMM		
ATF	ffc 122.8 3NM 3200 ASL	
PRO	Rgt hand circuits Rwy 01 (CARS 602.96). Circuit hgt 2100 ASL all runways.	
CAUTION	Trees 50 AGL N & S of rwy	

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AERODROME/FACILITY DIRECTORY

THUNDER BAY ON

CYQT



REF N48 22 19 W89 19 18 Adj SW 4°W (2014) UTC-5(4) Elev 654' A5001 A5008
L04 H14 T2 CAP

OPR Thunder Bay In l Apts Authority Inc (TBIAAI) 807-473-2600
1030-0500± Cert Ldg fees

PF A-1,2,3,6,7 C-4,5

CUST AOE/40 888-226-7277 13-05Z±

FLT PLN Pilots to open/close VFR flt plan with London rdo, FISE or by phone
FIG London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
WX METAR H24.
TAF H24, issue times: 02, 08, 14, 20Z.
WxCam

SERVICES

FUEL 100LL, JA-1 (FSII avbl), HPR 1030-0330Z±

OIL All & Turbo 35

S 1,2,3,4,5,6,7

ARFF DESIGNATED CAT 6 11-05Z± O/T call out chg, ctc Duty Mgr 807-625-0595, aprt clsd to acct 20 seats & abv, exc for diversions or as an altn A/D without PPR.

SUP FL LHGX

JASU CE14

PVT ADV Thunder Bay Flight Refuelling (World Fuel Services) 123 2 1030-0330Z± O/T
807-577-1178; Innotech-Execaire Aviation (Shell) 122.85 1030-0330Z± O/T
807-475-5915

MIL CON SkyFill Aviation Refuelling Inc 807-475-5915

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AERODROME/FACILITY DIRECTORY

THUNDER BAY ON (Cont'd)

CYQT

RWY DATA	Rwy 07(074°)/25(254°) 7318x200 ASPH Rwy 12(125°)/30(305°) 5297x150 ASPH
RWY CERT	Rwy 07 RVR 1200(1/4sm)/Rwy 25 RVR 1200(1/4sm) AGN IV Rwy 12 RVR 1200(1/4sm)/Rwy 30 RVR 1200(1/4sm) AGN IIIB
TWY CERT	Twy: A, C, D AGN IIIB
TWY	Twy E (NE of D) uncontrolled. Twy F extends for 173' then changes to apron VII. Private, uncontrolled beyond hold line. Twy H clsd W of Apron XI. Private.
APRON	Apron I rstd to sked commercial air carrier by stand assignment only fr TBIAAI. Acft shall not taxi between ATB and pushed back acft. All sked acft shall be directed into prkg posn by Marshalling Services. Taxiing acft to remain on taxilanes. Uncontrolled. Apron II itinerant acft prkg. Uncontrolled. Aprons III, IV, VII, IX, X, XI & XII private and uncontrolled. Aprons V, VI & VIII uncontrolled.
RCR	Opr 1030-0500Z± Nov 15-Apr 15, O/T 2 hr PN, call out chg. CRFI PLR/PCN Win maint 1030-0500Z±.
LIGHTING	07-AN (TE HI) P2, 25-(TE HI) P2, 12-AD AS(TE ME) P2, 30-AD(non-std 1700') AS(TE ME) P2
COMM	
RCO	London rdo 122.375 (FISE) 126.7 (bcst)
ATIS	128.8
GND	121.9 11-04Z±
TWR	118.1 (E) 11-04Z± (emerg only 807-473-5252) Admin/Supervisor 807-474-4245
MF	rdo 118.1 (E) 04-11Z± 5NM 4000 ASL (CAR 602.98) (emerg only 807-473-4311)
ARR	119.2
DEP	119.2
PAL	Winnipeg Ctr 132.125
NAV	
NDB	QT 332 (M) N48 20 47 W89 26 02
VOR/DME	YQT 114.1 Ch 88 N48 15 14 W89 26 15 (1641')
TACAN	McKAY UAU 112.5 Ch 72 N48 22 24 W89 19 44 (665') TACAN unavbl in SE SECTOR beyond 20NM below 7000'.
ILS	IQT 109.5 (Rwy 07) RVR LOC reliable only within 10° either side of centreline.
PRO	Rgt hand circuits Rwy 25 & 30 (CAR 602.96). See CAP for NOISE & NIGHT restrictions. ATS PPR REQUIREMENTS: Ctc Winnipeg ACC 204-984-5979 for the following; - IFR tng and Photo Survey within Thunder Bay Class E Transponder Airspace - VFR tng conducting simulated holds and inst apch VFR TRAINING PROCEDURES - See VTPC
CAUTION	Heli flood lghts 30 AGL N side of apron II. Lgtd obst 746 ASL 0.5NM NE Thld 25 (intxn Thunder Bay Express Way & Arthur street). Terrain rises abruptly to 1600 ASL 2NM SE of A/D. Extv fit tng w/ hin 35NM W & N of CYQT CZ to 6000 ASL. Extv bird and wildlife activity in vic of A/D. Railroad tracks SW of A/D in close proximity.

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AERODROME/FACILITY DIRECTORY

THUNDER BAY (HEALTH SCIENCE CENTRE) ON (Heli)

CTB2

REF	N48 25 24 W89 16 11 Adj 4°W (2016) UTC-5(4) Elev 715' A5001 A5008	
OPR	Thunder Bay Regional Health Science Centre 807-684-6100 ext 6509 Cert PPR	
FLT PLN FIC	Pilots to open/close VFR flt plan with London rdo, FISE or by phone London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)	
HELI DATA RCR	FATO/TLOF 87' dia CONC Safety Area 116' dia Max heli overall length 57.5' Opr	
LIGHTING	RY(LO) Green	
COMM RCO TWR MF	London rdo 122.375 (FISE) 126.7 (bcst) Thunder Bay 118.1 (E) 11-04Z† (emerg only 807-473-5252) Thunder Bay rdo 118.1 04-11Z† centred on Thunder Bay aprt 3.8NM SW 4000 ASL (CAR 602.98) (emerg only 807-473-4311)	
NAV NDB VOR/DME	Thunder Bay QT 332 (M) N48 20 47 W89 26 02 Thunder Bay YQT 114.1 Ch 88 N48 15 14 W89 26 15 (1641')	
PRO	Arr/dep 097° to 126° fr heli, slope 8% (H3). Arr/dep 306° to 315° fr heli, slope 8% (H3). Day/night use.	
CAUTION	Extv flt tng within 35NM W & N of CYQT CZ to 6000 ASL. Terrain rises abruptly to 1600 ASL 4.7NM S of heli.	