



Flight Plan & Site Survey

Created using **RPAS Wilco**®

Operation Name:	Mission 02-16-2023
Pilot Name:	██████████
Pilot Certificate:	██████████
Flight Start:	February 16, 2023 4:50 PM
Flight End:	February 16, 2023 6:50 PM
Flight Area (Latitude):	45° 12' 9.00" N (45.203)
Flight Area (Longitude):	75° 47' 46.50" W (-75.796)
Altitude - Radius:	Alt: 700 ft - Rad: 740.8 m (0.4 nm)
Airspace:	UNCONTROLLED
FIR - Contact:	CZUL - 506-867-7173
Weather:	1.1 Celsius - Snow, Ice, 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.

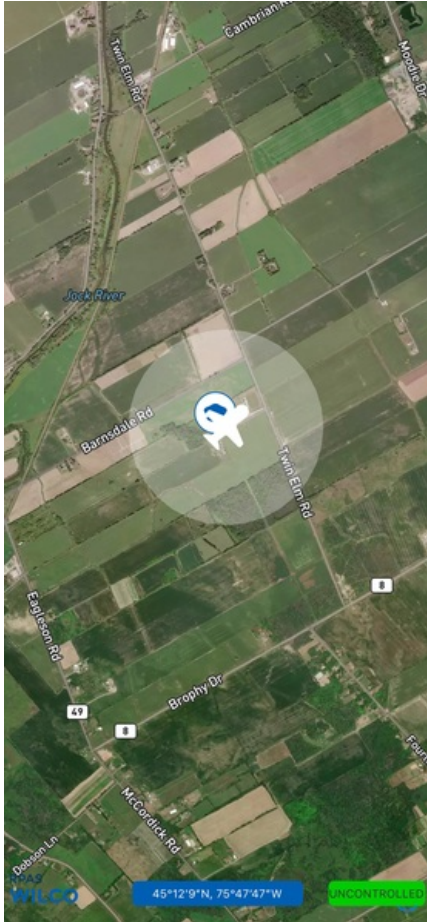
For the complete Terms & Conditions, see

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



Included

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

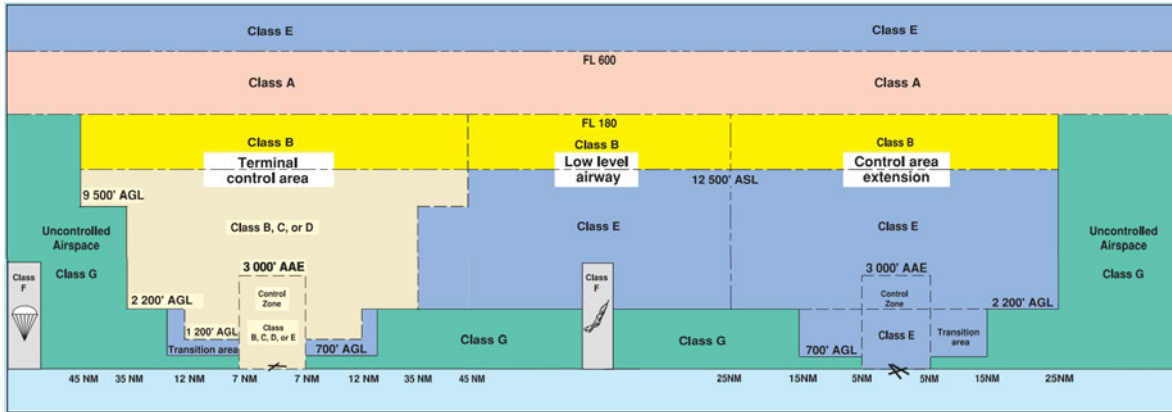
Flight Map



MAP Details

	Latitude	Longitude
 MODEL	45° 12' 9.00" N (45.203)	75° 47' 46.50" W (-75.796)
 Pilot	45° 12' 12.60" N (45.2035)	75° 47' 50.10" W (-75.7973)

Airspace Classification



Overlying Airspaces

Class	Name	Floor	Ceiling
E	Montreal FIR CAE	6000MSL	12500MSL
B	Montreal FIR CAE	12500MSL	18000MSL
E	Ottawa, ON CAE	2500MSL	12500MSL
B	Ottawa, ON CAE	12500MSL	18000MSL
E	Ottawa XPNDR MANDTRY	6500MSL	12500MSL
B	Ottawa, ON TCA	12500MSL	18000MSL
C	Ottawa, ON TCA	5000MSL	12500MSL
C	Ottawa, ON TCA	4000MSL	5000MSL
C	Ottawa, ON TCA	2500MSL	3000MSL
C	Ottawa, ON TCA	3000MSL	4000MSL
E	T749 Airway	2200AGL	12500MSL
B	T749 Airway	12500MSL	18000MSL
E	T781 Airway	2200AGL	12500MSL
B	T781 Airway	12500MSL	18000MSL
C	Ottawa, ON TCA	1500MSL	2500MSL
E	T614 Airway	2200AGL	12500MSL
B	T614 Airway	12500MSL	18000MSL
E	T614 Airway	2200AGL	12500MSL
B	T614 Airway	12500MSL	18000MSL

Nearest Aerodromes & Distance from Operation

MACDONALD CARTIER INTL (CYOW	AERODROME	Cert)	Lat: 45.323	Long: 75.667	16.789 KM	9.07 NM
RIDEAU VALLEY AIR PARK (CPL3	AERODROME	Reg)	Lat: 45.1	Long: 75.633	17.14 KM	9.25 NM
DWYER HILL (CYDH	HELIPORT	Mil)	Lat: 45.131	Long: 75.948	14.309 KM	7.73 NM
CARP (CYRP	AERODROME	Cert)	Lat: 45.322	Long: 76.022	22.108 KM	11.94 NM

Weather Information for Mission Day

Summary: Cloudy skies throughout the day with late afternoon snow.

Condition	Temperature	Feels Like	Precipitation	Visibility	Cloud Coverage	Wind Speed	Humidity
Snow, Ice, Overcast	1.1 Celsius	3.3 Celsius	78.0 %	20.5 Km	92.0 %	22.8 kph	71.8 %

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.

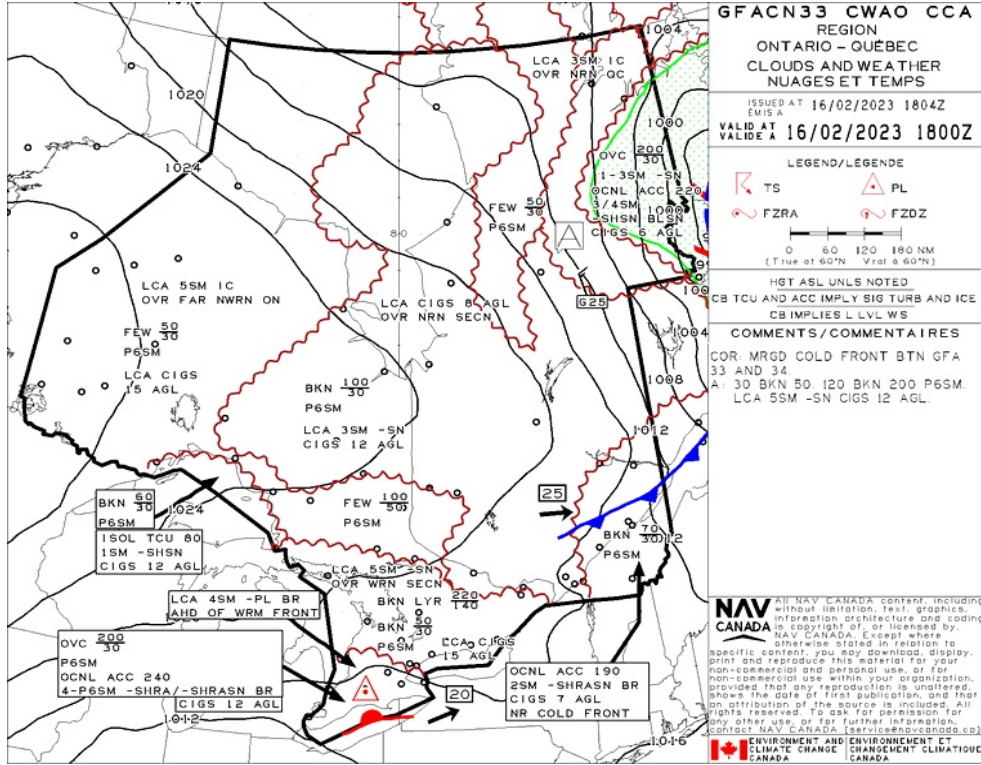
Operations at or in the Vicinity of an Aerodrome, Airport or Heliport

- **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.

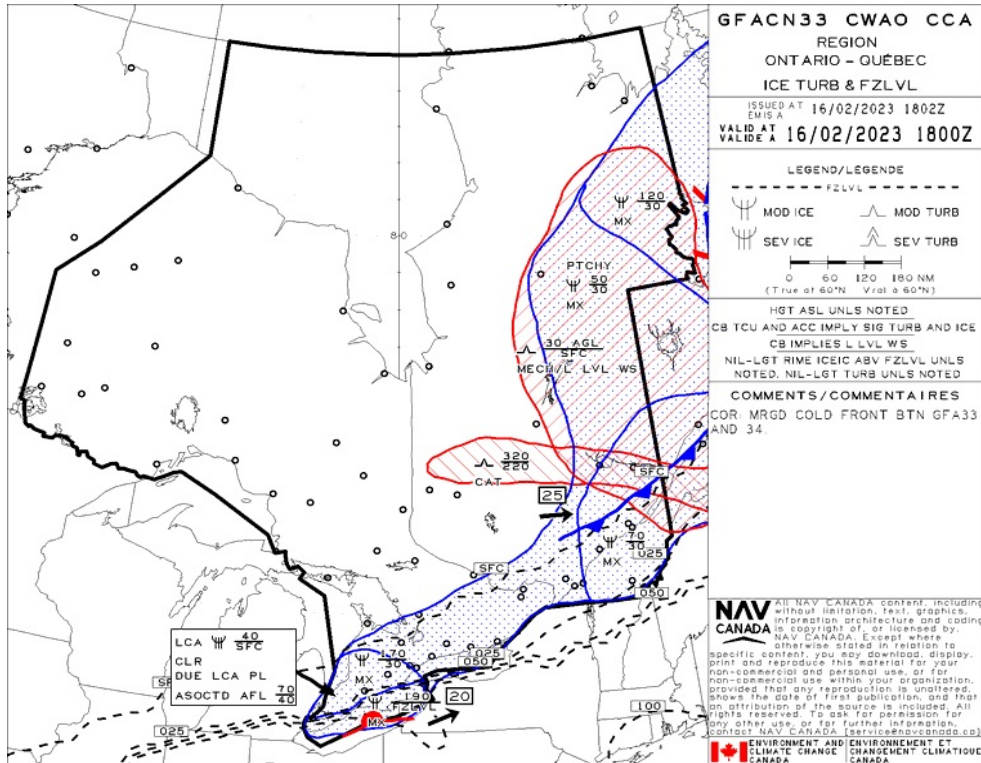
Records

- **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).

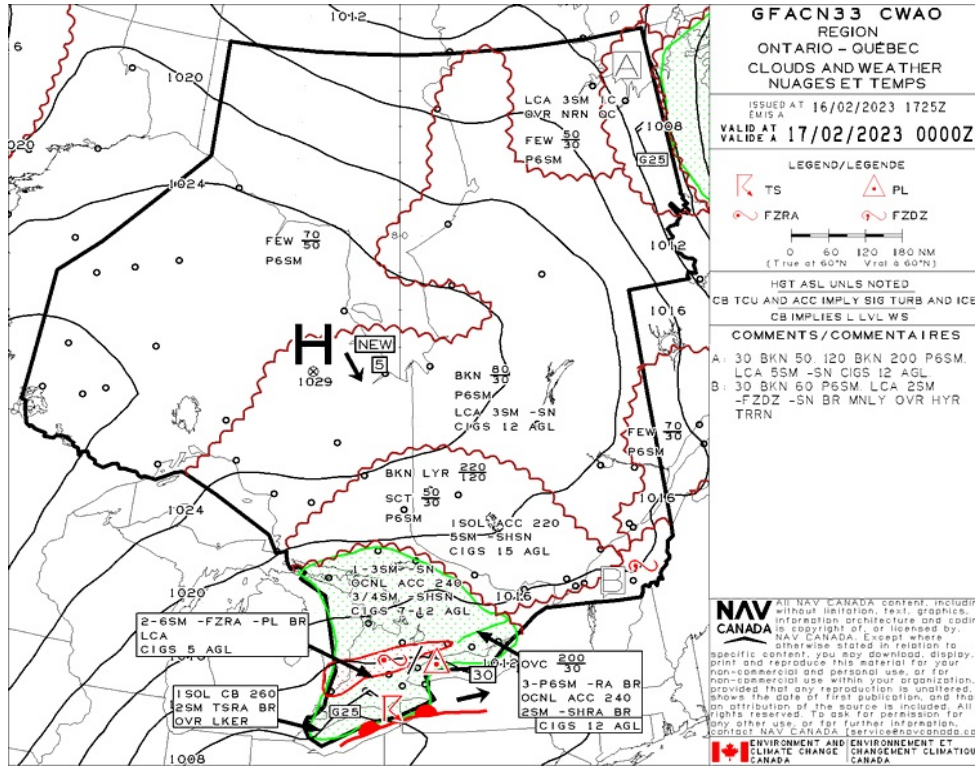
GFA Issue time + 00 hr - CLOUDS AND WEATHER



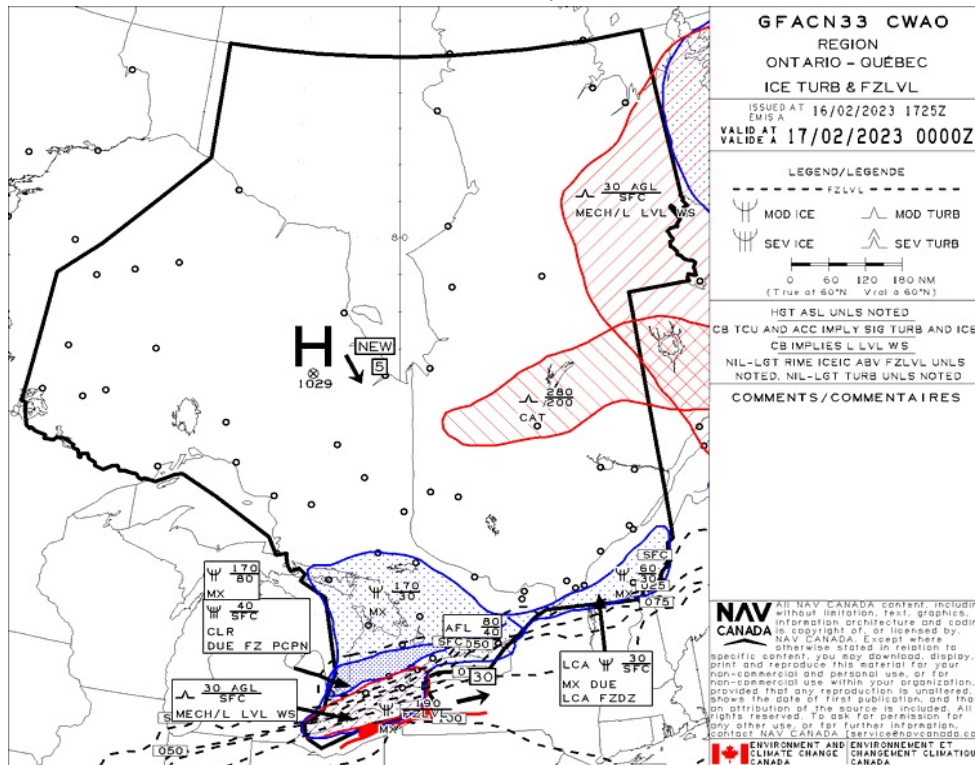
GFA Issue time + 00 hr - TURBULENCE, ICING AND FREEZING LEVEL



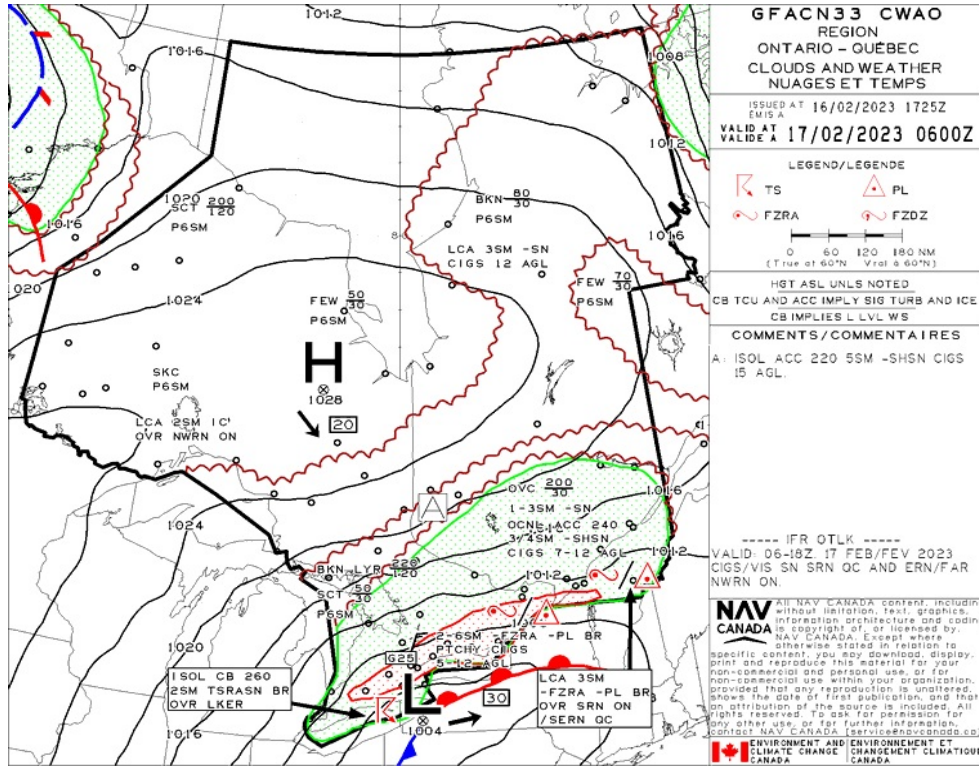
GFA Issue time + 06 hr - CLOUDS AND WEATHER



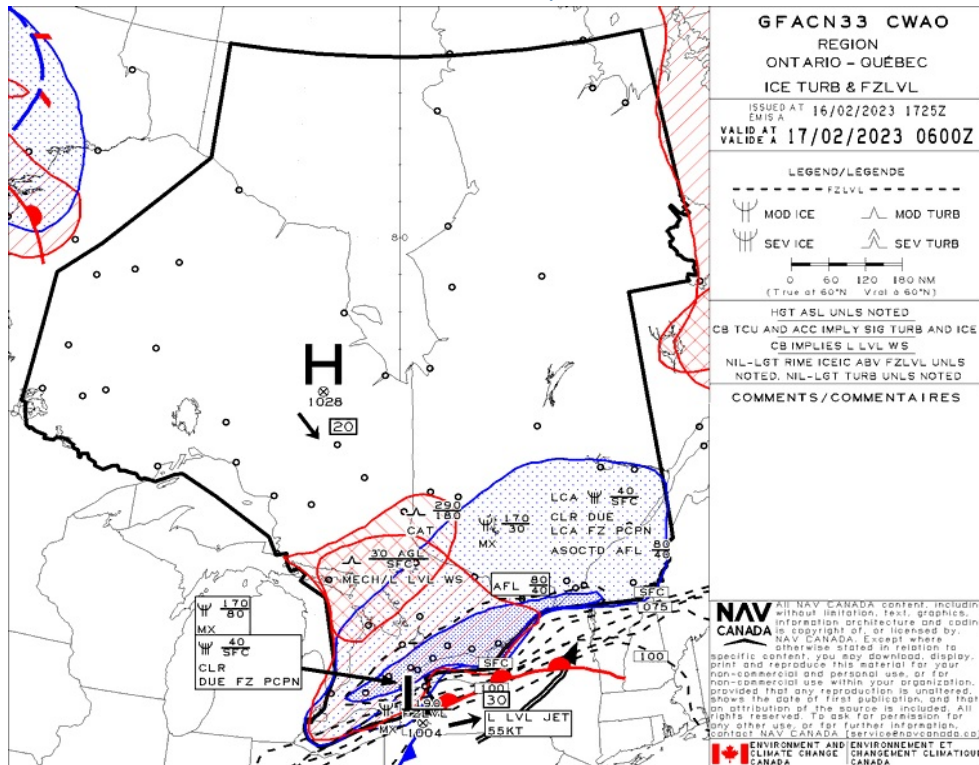
GFA Issue time + 06 hr - TURBULENCE, ICING AND FREEZING LEVEL



GFA Issue time + 12 hr - CLOUDS AND WEATHER



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





Flight Plan & Site Survey

MACDONALD-CARTIER INTL - CYOW - Cert

METAR

METAR CYOW 162200Z 34010KT 15SM BKN026 01/M05 A2998 RMK SC7 SLP159=		
METAR	LOCATION CYOW - OTTAWA/MACDONALD-CARTIER INTL/ON	DATE - TIME 16 FEBRUARY 2023 - 2200 UTC
WIND 340 TRUE @ 10 KNOTS	VISIBILITY 15 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER	CLOUDINESS BROKEN CLOUDS (5/8 - 7/8) 2600 FT	TEMP / DEWPOINT 1 C / -5 C
ALTIMETER 29.98 IN HG	RECENT WEATHER	WIND SHEAR

METAR CYOW 162100Z 31010KT 15SM BKN027 00/M04 A3000 RMK SC7 SLP164=		
METAR	LOCATION CYOW - OTTAWA/MACDONALD-CARTIER INTL/ON	DATE - TIME 16 FEBRUARY 2023 - 2100 UTC
WIND 310 TRUE @ 10 KNOTS	VISIBILITY 15 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER	CLOUDINESS BROKEN CLOUDS (5/8 - 7/8) 2700 FT	TEMP / DEWPOINT 0 C / -4 C
ALTIMETER 30.00 IN HG	RECENT WEATHER	WIND SHEAR

METAR CYOW 162000Z 30007KT 15SM BKN026 00/M04 A3001 RMK SC7 SLP168=		
METAR	LOCATION CYOW - OTTAWA/MACDONALD-CARTIER INTL/ON	DATE - TIME 16 FEBRUARY 2023 - 2000 UTC
WIND 300 TRUE @ 7 KNOTS	VISIBILITY 15 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER	CLOUDINESS BROKEN CLOUDS (5/8 - 7/8) 2600 FT	TEMP / DEWPOINT 0 C / -4 C
ALTIMETER 30.01 IN HG	RECENT WEATHER	WIND SHEAR

NOTAM

(E6753/22 NOTAMR E5327/22
Q) CZU /QOBCE/IV/M/AE/000/006/4518N07538W005
A) CYOW B) 2212221140 C) 2303172200
D) MON-FRI 1100-2200
E) MOBI E CRANES WITHIN 560FT RADIUS CENTRED ON 451738N 0753758W
APRX 8230FT BFR THR 32 AND 1590FT SW EXTENDED RC . 180FT AG
510FT AMS . GTD, NOT PAINTED.

FR:
GRUES MOBI ES DANS UN RAYON DE 560FT CENTRE 451738N 0753758W APRX
8230FT BFR THR 32 ET 1590FT AU SW DU PRO ONGEMENT DE RC . 180FT
AG 510FT AMS . GTD, NON PEINTES.)

(E0966/23 NOTAMN
Q) CZU /QICAS/I/NBO/A/000/999/4519N07540W005
A) CYOW B) 2302171300 C) 2302171600
E) I S RWY 32 U/S

FR:
I S RWY 32 U/S)

(E0702/23 NOTAMR E0701/23
Q) CZU /QPICH/I/NBO/A/000/999/4519N07540W005
A) CYOW B) 2302061335 C) 2304182200
D) FEB 06 1335-2300, FEB 07- MAR 12 1200-2300, MAR 13 - APR 18
1100-2200
E) DUE CRANE
RNAV (GNSS) Z RWY 14 APCH: NAV/VNAV MINIMA TO READ: 749 (398) 1
NAV MINIMA TO READ: 820 (469) 1
PUB ISHED DIST/A T TAB E NOT VA ID
PUB ISHED CONSTANT DESCENTE ANG E NOT VA ID
RNAV (RNP) Y RWY 14 APCH:
RNP 0.15 MINIMA TO READ: 681 (330) 1

FR:
EN RAISON DE GRUE
APCH RNAV (GNSS) Z PISTE 14:
MINIMUM NAV/VNAV MINIMA DEVRAIT IRE: 749 (398) 1
MINIMUM NAV DEVRAIT IRE: 820 (469) 1
TAB EAU DES DIST ET A T PUB IE NON VA IDE
ANG E DE DESCENTE CONSTANT PUB IE NON VA IDE
APCH RNAV (RNP) Y PISTE 14:
MINIMUM RNP 0.15 DEVRAIT IRE: 681 (330) 1)

(E3044/22 NOTAMN
Q) CZU /QFAXX/IV/NBO/A/000/999/4519N07540W005
A) CYOW B) 2206081214 C) PERM
E) AMEND PUB ICATIONS:
RWY DATA: RWY 04/22: ADD: SKED PASSENGER SVC NOT AUTH.

FR:
MODIFIEZ PUB ICATIONS:
PISTE: PISTE 04/22: AJOUTEZ: SVC PASSENGER SKED NON AUTH)

(H0055/23 NOTAMR H3562/22
Q) CZXX/QOECH/IV/NBO/E/000/999/5440N06941W999
A) CZU CZQM CZQX B) 2301111839 C) 2304121800EST
E) A ACFT, REGARD ESS 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 BE ARUS OR BY A CORPORATION OR ENTITY THAT IS
INCORPORATED OR FORMED UNDER THE LAWS OF THE RUSSIAN FEDERATION
OR BE ARUS, AND A OPERATORS HOLDING AN AIR OPERATOR CERTIFICATE
(AOC) ISSUED BY RUSSIAN FEDERATION AND/OR BE ARUSIAN 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 INFIGHT 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.

FR:
TOUS AERONEFS, INDEPENDAMMENT DE 'ETAT D'IMMATRICULATION,
DIRECTEMENT OU INDIRECTEMENT POSSEDES, AFFRETES, LOUES, EXPLOITES
OU CONTROLÉS PAR UNE PERSONNE LIÉE AVEC LA FEDERATION RUSSE OU DU
BE ARUS OU PAR UNE SOCIÉTÉ OU UNE ENTITÉ INCORPORÉE OU FORMÉE EN
VERTU DES LOIS DE LA FEDERATION RUSSE OU DU BE ARUS, ET TOUS LES
EXPLOITANTS DÉTENANT UN CERTIFICAT D'EXPLOITANT AÉRIEN (CEA) ÉMIS
PAR LA FEDERATION RUSSE ET/OU LES AUTORITÉS DU BE ARUS SONT
INTERDITS D'ENTRER,
DE SORTIR OU DE SURVOLER L'ESPACE AÉRIEN
TERRITORIAL DU CANADA (Y COMPRIS L'ESPACE A MOINS DE 12 MI ES
NAUTIQUES DES CÔTES CANADIENNES). EXCEPTIONS PERMISES POUR LES
AÉRONEFS SUBISSANT DES URGENCES EN VOL.

TOUTES LES AUTORISATIONS OBTENUES AVANT LE 27 FEB 2022 POUR LES
AÉRONEFS ET LES OPÉRATIONS SOUMIS À CE NOTAM SONT RÉVOQUÉES.

LES VOIS HUMANITAIRES, SAR, MEDEVAC ET TOUT AUTRE VOIS RECHERCHANT
UNE EXCEPTION À CETTE RESTRICTION DOIVENT RECEVOIR UNE
AUTORISATION ACCORDÉE APRÈS LE 27 FEB 2022 PAR LE MINISTRE DES
TRANSPORTS POUR OPÉRER DANS L'ESPACE AÉRIEN TERRITORIAL DU
CANADA. LES AÉRONEFS AFFECTÉS SOUHAITANT OBTENIR UNE TÈTE
AUTORISATION OU AUTORISATION D'ENTRER DANS L'ESPACE AÉRIEN
TERRITORIAL CANADIEN PEUVENT FAIRE UNE DEMANDE AU MINISTRE DES
TRANSPORTS AU 1-877-992-6853 OU 1-613-992-6853 OU PAR COURRIEL À
OPERATIONS.AVIATION(AT)TC.GC.CA)

(H3997/22 NOTAMN
Q) CZU /QARCH/IV/B0/E/000/220/4519N07540W090
A) CZU B) 2211161400 C) PERM
E) AMEND PUB ICATIONS: MANDATORY IFR ROUTES: OCCASION TO OCCASION:
DE ETE: CYOW H AND DEP TO CYTZ RNAV AP OV ORKA I IXU ARR
ADD: CYOW H AND DEP TO CYTZ F 220 RNAV AP OV ORKA I IXU ARR

FR:

MODIFIEZ PUB ICATIONS: SYSTEME DE ROUTES IFR OB IGATOIRES:
EMPACEMENT DE DEPART/D'ARRIVEE OU DIRECTION:
RETIREZ: CYOW H AND DEP TO CYTZ RNAV AP OV ORKA I IXU ARR
AJOUTEZ: CYOW H AND DEP TO CYTZ F 220 RNAV AP OV ORKA I IXU
ARR)

(E0248/23 NOTAMN
Q) CZU /QOBCE/IV/M/AE/000/006/4520N07541W005
A) CYOW B) 2301181200 C) 2304182200
D) DAI Y 1200-2300 - (1100-2200 DST)
E) MU TIP E CRANES WITHIN 286FT RADIUS CENTRED ON 451946N 0754043W
APRX 1050FT BEYOND THR 14 AND 1870FT NE RC . 200FT AG 551FT
AMS . GTD, NOT PAINTED.

FR:
GRUES MU TIP ES DANS UN RAYON DE 286FT CENTRE 451946N 0754043W
APRX 1050FT APRES THR 14 ET 1870FT AU NE DE RC . 200FT AG 551FT
AMS . GTD, NON PEINTES.)

(E0201/23 NOTAMR E6865/22
Q) CZU /QOBCE/IV/M/AE/000/006/4519N07538W005
A) CYOW B) 2301131335 C) 2303302000
D) DAI Y 0800-2000
E) MOBI E CRANES WITHIN 450FT RADIUS CENTRED ON 451850N 0753755W
APRX 650FT BFR THR 25 AND 5260FT SOUTH EXTENDED RC . 160FT AG
525FT AMS . GTD, NOT PAINTED.

FR:
GRUES MOBI ES DANS UN RAYON DE 450FT CENTRE 451850N 0753755W APRX
650FT BFR THR 25 ET 5260FT AU SUD DU PRO ONGEMENT DE RC . 160FT
AG 525FT AMS . GTD, NON PEINTES.)

(E0109/23 NOTAMR E0018/23
Q) CZU /QOBCE/IV/M/AE/000/005/4521N07539W005
A) CYOW B) 2301091630 C) 2304031800EST
E) MOBI E CRANE WITHIN 282FT RADIUS CENTRED ON 452102N 0753913W APRX
3180FT BFR THR 25 AND 9020FT NORTH EXTENDED RC . 200FT AG 495FT
AMS . GTD, NOT PAINTED.

FR:
GRUE MOBI E DANS UN RAYON DE 282FT CENTRE 452102N 0753913W APRX
3180FT BFR THR 25 ET 9020FT AU NORD DU PRO ONGEMENT DE RC . 200FT
AG 495FT AMS . GTD, NON PEINTE.)

(E6616/22 NOTAMR E5074/22
Q) CZU /QOBCE/IV/M/AE/000/005/4522N07540W005
A) CYOW B) 2212151300 C) 2303152300
D) DAI Y 1200-2300
E) CRANE WITHIN 271FT RADIUS CENTRED ON 452135N 0753933W APRX
11130FT BFR THR 22 AND 1770FT SE EXTENDED RC . 180FT AG 452FT
AMS . GTD, NOT PAINTED.

FR:
GRUE DANS UN RAYON DE 271FT CENTRE 452135N 0753933W APRX 11130FT
BFR THR 22 ET 1770FT AU SE DU PRO ONGEMENT DE RC . 180FT AG
452FT AMS . GTD, SANS PEINTURE.)

(G2693/22 NOTAMN
Q) CZYZ/QARCH/IV/BO/E/000/220/4429N07732W100
A) CZYZ B) 2211161400 C) PERM
E) AMEND PUB ICATIONS: MANDATORY IFR ROUTES: OCATION TO OCATION:
DE ETE: CYOW H AND DEP TO CYTZ RNAV AP OV ORKA I IXU ARR
ADD: CYOW H AND DEP TO CYTZ F 220 RNAV AP OV ORKA I IXU ARR)

(S9699/23 NOTAMR S9654/23
Q) CZU /QFAXX/IV/NBO/A/000/999/4519N07540W005
A) CYOW B) 2302161643 C) 2302170043
E) RSC 04/22 DRY. VA ID FEB 16 1642 - FEB 17 0042.

RSC 07 6/6/6 DRY, DRY, DRY. VA ID FEB 16 1642 - FEB 17 0042.

RSC 25 6/6/6 DRY, DRY, DRY. VA ID FEB 16 1642 - FEB 17 0042.

RSC 14 6/6/6 DRY, DRY, DRY. VA ID FEB 16 1642 - FEB 17 0042.

RSC 32 6/6/6 DRY, DRY, DRY. VA ID FEB 16 1642 - FEB 17 0042.

ADDN NON-GRF/TA PA INFO:

RMK: TWY TWY A PHA, A PHA-A PHA, BRAVO, BRAVO-BRAVO, CHAR IE,
CHAR IE-CHAR IE, DE TA, ECHO, FOXTROT, GO F, JU IET, KI O, IMA,
MIKE, PAPA, QUEBEC, TANGO, 202302161643, DRY.
RMK: APN APN DE-ICING PAD, MAIN ATB APRON E, MAIN ATB APRON W,
SECONDARY APRON, 202302161643, DRY.

FR:
RSC 04/22 SECHE. VA IDE FEB 16 1642 - FEB 17 0042.

RSC 07 6/6/6 SECHE, SECHE, SECHE. VA IDE FEB 16 1642 - FEB 17
0042.

RSC 25 6/6/6 SECHE, SECHE, SECHE. VA IDE FEB 16 1642 - FEB 17
0042.

RSC 14 6/6/6 SECHE, SECHE, SECHE. VA IDE FEB 16 1642 - FEB 17
0042.

RSC 32 6/6/6 SECHE, SECHE, SECHE. VA IDE FEB 16 1642 - FEB 17
0042.

INFO ADDN NON-GRF/TA PA:

RMK: TWY TWY A PHA, A PHA-A PHA, BRAVO, BRAVO-BRAVO, CHAR IE,
CHAR IE-CHAR IE, DE TA, ECHO, FOXTROT, GO F, JU IET, KI O, IMA,
MIKE, PAPA, QUEBEC, TANGO, 202302161643, DRY.
RMK: APN APN DE-ICING PAD, MAIN ATB APRON E, MAIN ATB APRON W,
SECONDARY APRON, 202302161643, DRY.)

(E5836/22 NOTAMN
Q) CZU /QOBCE/IV/M/AE/000/999/4520N07541W001
A) CYOW B) 2211061200 C) PERM
E) AMEND PUB ICATIONS:
MOBI E CRANE WITHIN 287FT RADIUS CENTRED ON 451946N 0754043W APRX
1050FT BEYOND THR 14 AND 1870FT NE RC . 175FT AG 526FT AMS .
GTD, NOT PAINTED
MON-FRI 1200-2300Z (DT 1100-2200Z)

FR:
MODIFIEZ PUB ICATIONS:

GRUE MOBI E DANS UN RAYON DE 287FT CENTRE 451946N 0754043W APRX
1050FT APRES THR 14 ET 1870FT AU NE DE RC . 175FT AG 526FT AMS .
GTD, NON PEINTE.)
MON-FRI 1200-2300Z (DT 1100-2200Z)



Flight Plan & Site Survey

RIDEAU VALLEY AIR PARK - CPL3 - Reg

NOTAM

(H0055/23 NOTAMR H3562/22
Q) CZXX/QOEC/IV/NBO/E/000/999/5440N06941W999
A) CZU CZQM CZQX B) 2301111839 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.

FR:
TOUS AERONEFS, INDEPENDAMMENT DE 'ETAT D'IMMATICU ATION,
DIRECTEMENT OU INDIRECTEMENT POSSEDES, AFFRETES, OUES, EXP OITES
OU CONTR OES PAR UNE PERSONNE IEE AVEC A FEDERATION RUSSE OU DU
BE ARUS OU PAR UNE SOCIETE OU UNE ENTITE INCORPOREE OU FORMEE EN
VERTU DES OIS DE A FEDERATION RUSSE OU DU BE ARUS, ET TOUS ES
EXP OITANTS DETENANT UN CERTIFICAT D'EXP OITANT AERIEN (CEA)
PAR A FEDERATION RUSSE ET/OU ES AUTORITES DU BE ARUS SONT
INTERDITS D'ENTRER,
DE SORTIR OU DE SURVO ER 'ESPACE AERIEN
TERRITORIA DU CANADA (Y COMPRIS E VO A MOINS DE 12 MI ES
NAUTIQUES DES COTES CANADIENNES). EXCEPTIONS PERMISES POUR ES
AERONEFS SUBISSANT DES URGENCES EN VO .

TOUTES ES AUTORISATIONS OBTENUES AVANT E 27 FEB 2022 POUR ES
AERONEFS ET ES OPERATIONS SOUMIS A CE NOTAM SONT REVOQUEES.

ES VO S HUMANITAIRES, SAR, MEDEVAC ET TOUT AUTRE VO RECHERCHANT
UNE EXCEPTION A CETTE RESTRICTION DOIVENT RECEVOIR UNE
AUTORISATION ACCORDEE APRES E 27 FEB 2022 PAR E MINISTRE DES
TRANSPORTS POUR OPERER DANS 'ESPACE AERIEN TERRITORIA DU
CANADA. ES AERONEFS AFFECTES SOUHAITANT OBTENIR UNE TE E
AUTORISATION OU AUTORISATION D'ENTRER DANS 'ESPACE AERIEN
TERRITORIA CANADIEN PEUVENT FAIRE UNE DEMANDE AU MINISTRE DES
TRANSPORTS AU 1-877-992-6853 OU 1-613-992-6853 OU PAR COURRIE A
OPERATIONS.AVIATION(AT)TC.GC.CA)

(H3997/22 NOTAMN
Q) CZU /QARCH/IV/B0/E/000/220/4519N07540W090
A) CZU B) 2211161400 C) PERM
E) AMEND PUB ICATIONS: MANDATORY IFR ROUTES: OCAION TO OCAION:
DE ETE: CYOW H AND DEP TO CYTZ RNAV AP OV ORKA I IXU ARR
ADD: CYOW H AND DEP TO CYTZ F 220 RNAV AP OV ORKA I IXU ARR

FR:
MODIFIEZ PUB ICATIONS: SYSTEME DE ROUTES IFR OB IGATOIRES:
EMP ACEMENT DE DEPART/D'ARRIVEE OU DIRECTION:
RETIREZ: CYOW H AND DEP TO CYTZ RNAV AP OV ORKA I IXU ARR
AJOUTEZ: CYOW H AND DEP TO CYTZ F 220 RNAV AP OV ORKA I IXU
ARR)

(G2693/22 NOTAMN
Q) CZYZ/QARCH/IV/B0/E/000/220/4429N07732W100
A) CZYZ B) 2211161400 C) PERM
E) AMEND PUB ICATIONS: MANDATORY IFR ROUTES: OCAION TO OCAION:
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(V0044/23 NOTAMN
Q) CZU /QO AS/IV/M/AE/000/009/4502N07537W005
A) CXX B) 2301091306 C) 2303091300EST
E) CP 3 KARS/RIDEAU VA EY AIR PARK
OBST GT U/S TOWER 450157N 0753656W (APRX 4.1NM S AD) 296FT AG ,
886FT AMS .

FR:
CP 3 KARS/RIDEAU VA EY AIR PARK
OBST GT U/S TOUR 450157N 0753656W (APRX 4.1NM S AD) 296FT AG ,
886FT AMS .)

DWYER HILL - CYDH - Mil

NOTAM

(H0055/23 NOTAMR H3562/22

Q) CZXX/QOEC/IV/NBO/E/000/999/5440N06941W999

A) CZU CZQM CZQX B) 2301111839 C) 2304121800EST

E) A ACFT, REGARD ESS 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 BE ARUS OR BY A CORPORATION OR ENTITY THAT IS INCORPORATED OR FORMED UNDER THE LAWS OF THE RUSSIAN FEDERATION OR BE ARUS, AND A OPERATORS HOLDING AN AIR OPERATOR CERTIFICATE (AOC) ISSUED BY RUSSIAN FEDERATION AND/OR BE ARUSIAN AUTHORITIES ARE PROHIBITED TO ENTER, EXIT OR OVERFLY CANADA'S TERRITORIAL AIRSPACE (INCLUDING F T WITHIN 12NM OF CANADA'S COASTS). EXCEPTIONS PERMITTED FOR ACFT EXPERIENCING NIGHT EMERG.

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(H3997/22 NOTAMN

Q) CZU /QARCH/IV/B0/E/000/220/4519N07540W090

A) CZU B) 2211161400 C) PERM

E) AMEND PUBLICATIONS: MANDATORY IFR ROUTES: OCAUTION TO OCAUTION: DE ETE: CYOW H AND DEP TO CYTZ RNAV AP OV ORKA I IXU ARR ADD: CYOW H AND DEP TO CYTZ F 220 RNAV AP OV ORKA I IXU ARR

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CARP - CYRP - Cert

NOTAM

(H0055/23 NOTAMR H3562/22

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(G2693/22 NOTAMN

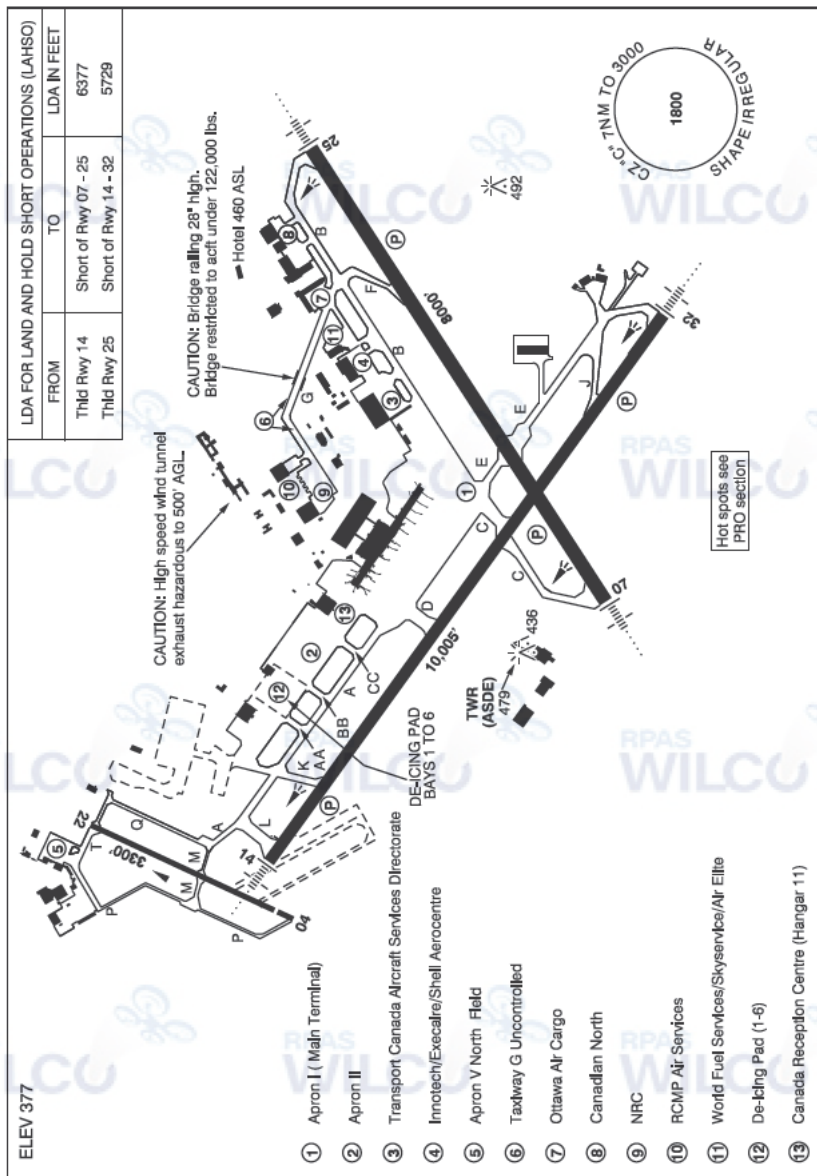
Q) CZYZ/QARCH/IV/B0/E/000/220/4429N07732W100

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OTTAWA / MACDONALD-CARTIER INTL ON

CYOW



REF	N45 19 21 W75 40 02 Adj S 14°W UTC-5(4) Elev 377' A1905 A5000 A5002 LO6 LO7 HI5 T2 CAP OC
OPR	Ottawa Macdonald-Cartier Intl Aprt Authority 613-248-2200 H24 Cert
PF	A-1,2,3,6,7 C-4,5

ONTARIO

AERODROME / FACILITY DIRECTORY

OTTAWA / MACDONALD-CARTIER INTL ON (Cont'd)

CYOW

CUST	AOE 888-226-7277 Pilots to call appropriate fixed base opr (FBO) prior to ldg on pvt adv freq & request cust be advised of intended location for clnc. Cust clnc at Apron II 12-05Z† 1 hr PN.
FLT PLN	
FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free wi hin Canada) or 866-541-4105 (Toll free within Canada & USA)
ACC WX	Montreal 514-633-3211 or 800-633-1353, all Flt Plns, IFR tng PPR, Mon-Fri METAR H24
DUAT	TAF H24, issue times: 00, 03, 06, 09, 12, 15, 18 & 21Z. Ottawa Flying Club; World Fuel Services/Skyservice/Air Elite; Innotech/Execaire/Shell Aerocentre
SERVICES	
FUEL	100LL, JA-1
OIL	All
S	1(ltd), 2,3,4(ltd)
ARFF	DESIGNATED CAT 8
SUP FL	LHOX PN, D & A-ice
PVT ADV	Ottawa Flying Club (North Field) 123.35 12-02Z†; Innotech/Execaire/Shell Aerocentre (South Field) 123.0 11-03Z†; World Fuel Services/Skyservice/Air Elite 129.85 10-05Z†, O/T 613-739-3776
MIL CON	Innotech Aviation Services (Shell) 613-736-5959
RWY DATA	Rwy 14(140°)/32(320°) 10,005x197 grooved ASPH Rwy 07(071°)/25(251°) 8000x197 grooved ASPH Rwy 04(039°)/22(219°) 3300x75 ASPH Thld 04 displ 250'. Rwy 04 down 0.36%. Rstd to acft not exceeding 60,000 lbs. RESA: 07/25 984'; 14/32 1000' Abv 15°C, no acft with more than 100 pax or over 85,000 lbs is auth to perform 180° turns on any rwy without perms 613-248-2013
RWY CERT	Rwy 14 RVR 1200(1/4sm)/Rwy 32 RVR 1200(1/4sm) AGN V Rwy 07 RVR 1200(1/4sm)/Rwy 25 RVR 1200(1/4sm) AGN V Rwy 04/22 AGN II
TWY CERT	Twy: M, P, Q, T AGN II
TWY	Twy G uncontrolled
APRON	Twy M, P, Q and T rstd to acft not exceeding 60,000 lbs De-icing Bays Bay 1, 3, 4, 6 - May be used by acft with wingspans 36m (118') or less Bay 2 - May be used by acft with the wingspans 65m (213') or less. If CC/K used, he Taxi must be on the West taxi line only with crossover to/from Bay 2. Bay 5 - May be used by acft with the wingspan 80m (262') or less. If CC/K used, taxi must be on the west taxi line only with crossover to/from Bay 5.
RCR	Opr CRFI. PLR/PCN
LIGHTING	07-AN(TE HI) P3, 25-AN(TE HI) P3, 14-AN(TE HI) P3, 32-AN(TE HI) P3
COMM	(bil)
RCO	Québec rdo 123.15 (FISE) 126.7 (bcst)
ATIS	(English) 121.15 (French) 132.95
CLNC DEL	Ottawa 119.4 all dep acft to ctc clnc del
GND	Ottawa 121.9
TWR	Ottawa 118.8 (VFR South) 120.1 (VFR North) 118.8 341.3 (V) (emerg only 613-248-3814)
TML	Ottawa 127.7
ARR	Ottawa ARR 135.15
DEP	Ottawa DEP 128.175

ONTARIO

AERODROME / FACILITY DIRECTORY

OTTAWA / MACDONALD-CARTIER INTL ON (Cont'd)

CYOW

NAV

NDB OW 236 (L) N45 21 37 W75 33 40
VOR/DME YOW 114.6 Ch 93 N45 26 30 W75 53 49 (482')
DME IOW 109.5 Ch 32 N45 18 50 W75 40 01 (398')
ILS IOW 109.5 (Rwy 07) RVR LOC reliable only within 10° either side of centreline;
 IRP 110.3 (Rwy 32) RVR LOC reliable only within 10° either side of centreline.

PRO

Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.

ATC:

IFR CLNC ACKNOWLEDGEMENT: IFR clnc read back with Ottawa twr clnc del shall include acft call sign, assigned SID name and transponder code.

CIRCUITS: Rgt hand circuits Rwys 07, 14 & 22 (CAR 602.96).

FOD: The grade of sand which is used extensively on the aprt dur win may pose a FOD hazard to some acft. Formations and other line astern fit ops should adopt pro to avoid ingestion.

NOISE ABATEMENT PROCEDURES: Turbojet and turboprop acft; refer to CAP; propeller acft: dep Rwy 32 to 1500 ASL before proceeding on crs. Circuit hgt 1500 ASL Rwys 04-14 to maintain 1500 ASL, wx permitting, until established on final apch. Tng fit permitted 0815-2359 lcl time, no VFR tng circuits on Rwy 14/32 below 1500 ASL, no practice rwy pro to Rwy 14.

For practice IFR apchs to active IFR rwys dur peak hrs 1315-1400Z† & 1930-2400Z† Mon-Fri, ctc Montreal Flight Planning 514-633-3211 or 800-633-1353, for possible delays & rwy info.

Turbo-jet take-off and landing not permitted Rwy 04/22.

WEST VFR ARR/DEP ROUTES:

DEPARTURES: SEE OTTAWA M.-C.I. WEST VFR DEPARTURE PROCEDURES CHART

Unless otherwise instructed by ATC contact North Tower on 120.1 when ready,
 – Bells Corners Departure (Depart Rwy 22), climb rwy hdg to Rideau River remaining north of Rwy 25 centerline at all times, at Rideau River, turn rgt hdg 250, climb to 1300 ASL. At 1300 ASL, continue climb not abv 1500 ASL direct Bells Corners and then to Constance Lake.

- Contact Ottawa Terminal on 127.7 at Bells Corners

– Champlain Bridge Departure (Depart Rwy 04), left turn direct Champlain Bridge then to Deschenes Quarry climb not abv 1500 ASL.

- Contact Ottawa Terminal on 127.7 at the bridge

All other VFR acft should anticipate dep instructions from ATC.

ARRIVALS: SEE OTTAWA M.-C.I. WEST VFR ARRIVALS PROCEDURES CHART

– Rwy 22, proceed via E side of Ottawa River to Deschenes Quarry & then direct Champlain Bridge at 2000 ASL.

– Rwy 04, proceed via W side of Ottawa River to Constance Lake, then direct Bells Corners at 2000 ASL.

All other VFR acft should anticipate arr instructions from ATC.

DE-ICING OPERATIONS

1. Ctc PAD CONTROL on 122.925 30 min prior to dep if de-icing is rqrd. Notify of any special treatments prior to taxi to CDF.

2. Ctc Ottawa GND after pushback for taxi to CDF.

3. Hold short of the CDF on K, AA, BB or CC and ctc PAD CONTROL for further taxi.

4. Follow instructions and electronic sign boards to de-icing bays.

5. Stop on the 2nd (illuminated) yellow stop bar, immediately set brakes and advise PAD CONTROL. DO NOT MOVE ACFT. This will allow positioning of trucks while you configure your aircraft.

6. Once instructed switch to ICEMAN on 122.350, confirm brakes are set, confirm treatment and that acft is configured for treatment (engines at idle/props feathered/pacs off). If you can't reduce engines to idle ICEMAN must know, de-icing may not be possible with running engines.

7. After de-icing, configure acft for taxi, however, DO NOT MOVE ACFT.

8. Once instructed, ctc PAD CONTROL for taxi.

9. Follow instructions to designated exit point. Holding short of Twy A, ctc GND 121.9

ONTARIO

AERODROME / FACILITY DIRECTORY

OTTAWA / MACDONALD-CARTIER INTL ON (Cont'd)

CYOW

VFR FLIGHTS IN OTTAWA MACDONALD-CARTIER CLASS C CZ AND TCA TERMINAL.

In order to minimize delays, ATC frequency congestion and for better airspace management, as well as to improve safety, a procedure is available allowing VFR aircraft to obtain a transponder code prior to take off. This mandatory procedure applies to VFR aircraft that did not file a flight plan or flight itinerary with Nav Canada and wishing to penetrate or operate in the Ottawa/MacDonald-Cartier Class C and terminal Class C airspace. All acft not respecting mandatory transponder code procedure will not be accepted in Ottawa/MacDonald-Cartier Class C CZ and TCA C airspace.

To obtain a transponder code:

A discrete transponder code shall be obtained at least 30 minutes prior to the flight taking off toward Ottawa/MacDonald-Cartier Class C CZ and TCA airspace, by contacting the Montreal ACC at 866-VFR-CODE (866-837-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, and providing ATC with flight information. Aircraft departing CYUL, CYJN, CYHU, CYOW, CYMX or CYND will obtain their transponder code from the Control Tower or FSS.

Flight procedure:

1. Set your transponder to the assigned code prior to your first communication with ATC.
2. To the extent possible, ctc ATC at least 5NM prior to entering Ottawa/MacDonald-Cartier Class C and terminal Class C airspace.

OTTAWA CZ AIRSPACE SPLIT FOR VFR FLIGHTS

YOW CZ is divided into two sectors with separate frequencies.

Contact OTTAWA TWR on 120.1 when North of Rwy 07/25 extended centreline and OTTAWA TWR on 118.8 when South of Rwy 07/25 extended centreline or on final for Rwy 07/25. Holding short of Rwy 04/22, contact OTTAWA TWR on 120.1 when ready for take-off.

CAUTION

Migratory birds in vic of aprt Mar-Apr, Sep-Oct.

ONTARIO

AERODROME/FACILITY DIRECTORY

KARS / RIDEAU VALLEY AIR PARK ON

CPL3

REF	N45 06 W75 38 3S 14°W UTC-5(4) Elev 286' A1905 A5000 A5002	
OPR	Chris Williams 613-296-3391 Reg PPR	
PF	C-1,2,4,5 D-3,6	
FLT PLN FIC	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	
RWY DATA RCR	Rwy 08/26 1800x100 turf Opr No win maint. May be soft in spring.	
COMM ATF	tfc 123.4 5NM 3300 ASL excluding the airspace that lies within Ottawa TCA class C airspace	
PRO	Glider activity in area.	

ONTARIO

AERODROME/FACILITY DIRECTORY

OTTAWA / DWYER HILL ON (Heli)

CYDH

REF	N45 07 50 W75 56 54 14°W UTC-5(4) Elev 325' A1905 A5000 A5002	
OPR	DND 613-838-4609 Mil PPR 24 hrs	
PF	B-1,2 (avbl 13-21Z±) D-2,3,4,5,6	
FLT PLN	(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free w/in Canada) or 866-541-4105 (Toll free within Canada & USA)	
HELI DATA	180' x 125' turf	
COMM	MIL Watchdog 173.340 Ltd hrs O/T PPR 24 hrs notice	
PRO	All acft must be established abv 500 AGL if not specifically within the tactical flying area. Care must be exercised on arr/dep to not over-fly sur civ residences. Arr/dep 154°/334° to/fr heli.	
CAUTION	Mil 990' firing rng loc 330° NE of landing zone. Extv mil flt below 500 AGL in vic.	

ONTARIO

AERODROME/FACILITY DIRECTORY

OTTAWA / CARP ON

CYRP

REF	N45 19 21 W76 01 20 1.2S 13°W (2015) UTC-5(4) Elev 384' A1905 A5000 A5002 LO6 LO7 T2 CAP	
OPR	West Capital Developments 613-839-5276 Cert Ldg fees for commercial acft	
PF	A-1 C-2,3,4 D-5,6	
CUST	AOE/CAN	
FLT PLN	(bil) FIC Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free w/ in Canada) or 866-541-4105 (Toll free within Canada & USA) ACC Montreal 514-633-3211 or 800-633-1353, all Flt Plns, IFR tng PPR, Mon-Fri	
SERVICES		
FUEL	100LL (Card lock), JA-1 08-20Z± O/T call out chg PN	
OIL	15W50, 20W50, W100plus, Mineral, Turbine 2380 Eastman	
S	1,3,4,5,6	
RWY DATA	Rwy 10(097°)/28(277°) 3936x98 asphalt Rwy 04(040°)/22(220°) 2205x65 gravel Thld 04 displ 196'. Thld 22 displ 98'. Rwy 04 down 0.77%. Day VFR only	
TWY	Twy C rstd to day use only.	
RCR	Opr PLR/PCN No win maint Rwy 04/22	
LIGHTING	10-AS(TE ME) AP, 28-AS(TE ME) AP ARCAL-122.8 type K	
COMM		
ATF	UNICOM 12-20Z± O/T t/c 122.8 5NM 3400 ASL excluding the airspace that lies within Ottawa TCA class C airspace.	
TML	127.7	
NAV		
VOR/DME	OTTAWA YOW 114.6 Ch 93 N45 26 30 W75 53 49 (482')	
PRO	VFR FLIGHTS IN OTTAWA CLASS C AND TERMINAL CLASS C AIRSPACE SEE OTTAWA / MACDONALD-CARTIER INTL FOR PROCEDURES. VFR Codes: In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 866-VFR-CODE (866-837-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Ottawa Class C airspace.	
CAUTION	Water aerodrome, Constance Lake, 3NM NNE. Wildlife frequently on rwy.	