



Flight Plan & Site Survey

Created using **RPAS Wilco**[®]

Operation Name:	Mission 02-14-2023
Pilot Name:	
Pilot Certificate:	
Flight Start:	February 14, 2023 11:25 AM
Flight End:	February 14, 2023 1:25 PM
Flight Area (Latitude):	49° 4' 58.20" N (49.083)
Flight Area (Longitude):	57° 31' 5.50" W (-57.518)
Altitude - Radius:	Alt: 600 ft - Rad: 926.0 m (0.5 nm)
Airspace:	UNCONTROLLED
FIR - Contact:	CZQX - 709-651-5324
Weather:	-9.3 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.

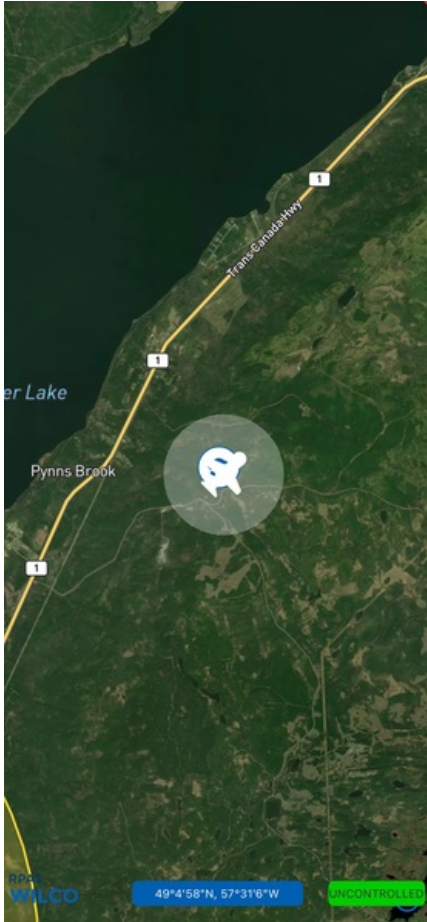
For the complete Terms & Conditions, see

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



Included

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

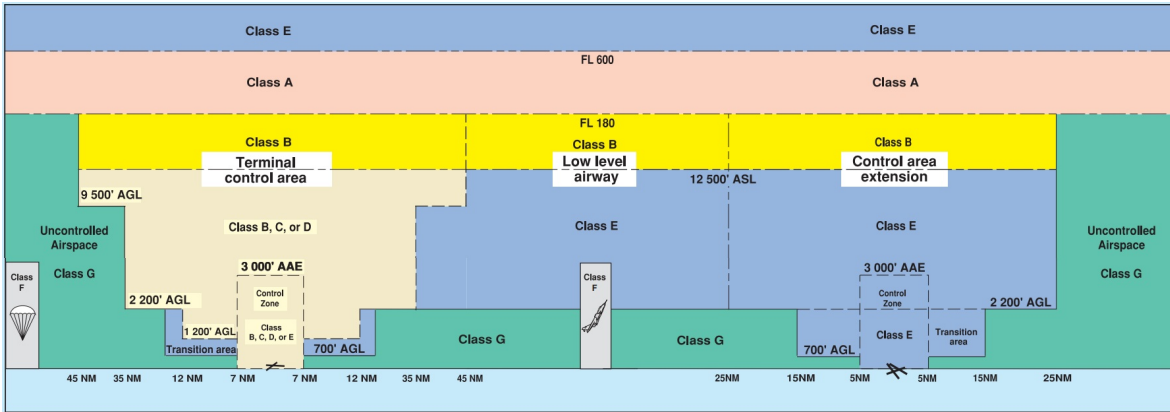
Flight Map



MAP Details

	Latitude	Longitude
 MODEL	49° 4' 58.20" N (49.083)	57° 31' 5.50" W (-57.518)
 Pilot Randall Hepner	49° 5' 1.80" N (49.0838)	57° 31' 9.10" W (-57.5192)

Airspace Classification



Overlying Airspaces

Class	Name	Floor	Ceiling
B	Deer Lake, NL TA	12500MSL	18000MSL
E	Deer Lake, NL TA	700AGL	12500MSL
E	Gander FIR CAE	2200AGL	12500MSL
B	Gander FIR CAE	12500MSL	18000MSL

Nearest Aerodromes & Distance from Operation

SOUTH BROOK (CCT5 - WATERDROME - Reg)	Lat: 49.017	Long: -57.633	11.117 KM	6.0 NM
DEER LAKE (CYDF - AERODROME/HELIPORT - Cert)	Lat: 49.209	Long: -57.394	16.686 KM	9.01 NM

Weather Information for Mission Day

Summary: Cloudy skies throughout the day with a chance of snow.

Condition	Temperature	Feels Like	Precipitation	Visibility	Cloud Coverage	Wind Speed	Humidity
Snow, Overcast	-9.3 Celsius	-16.9 Celsius	81.0 %	12.8 Km	93.8 %	25.8 kph	82.0 %

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.

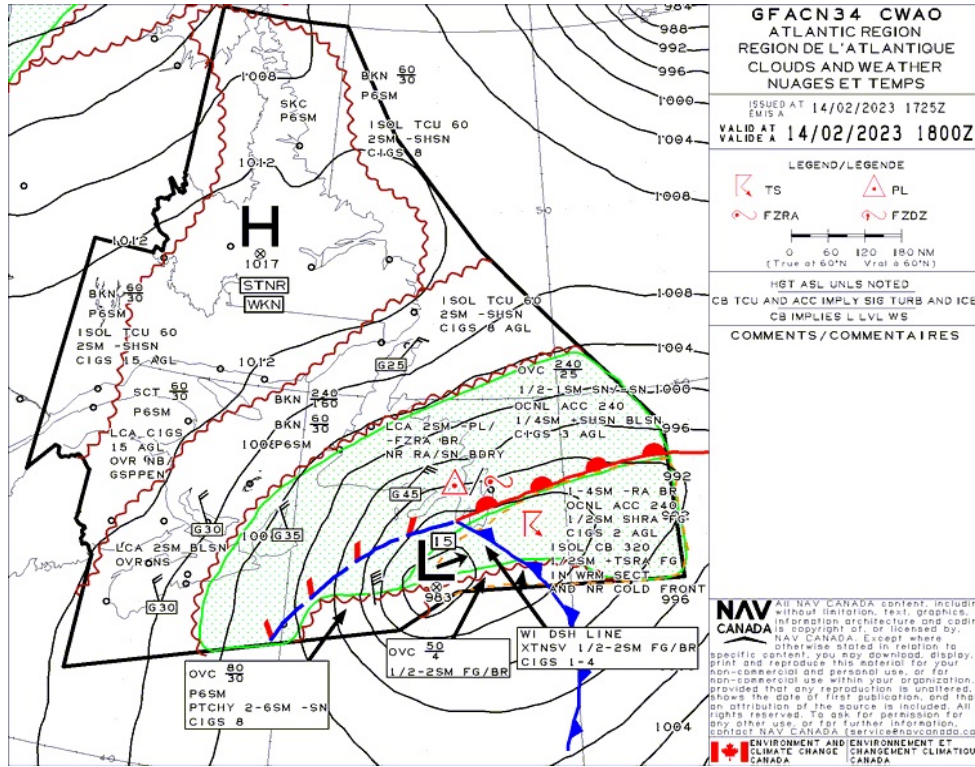
Operations at or in the Vicinity of an Aerodrome, Airport or Heliport

- **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.

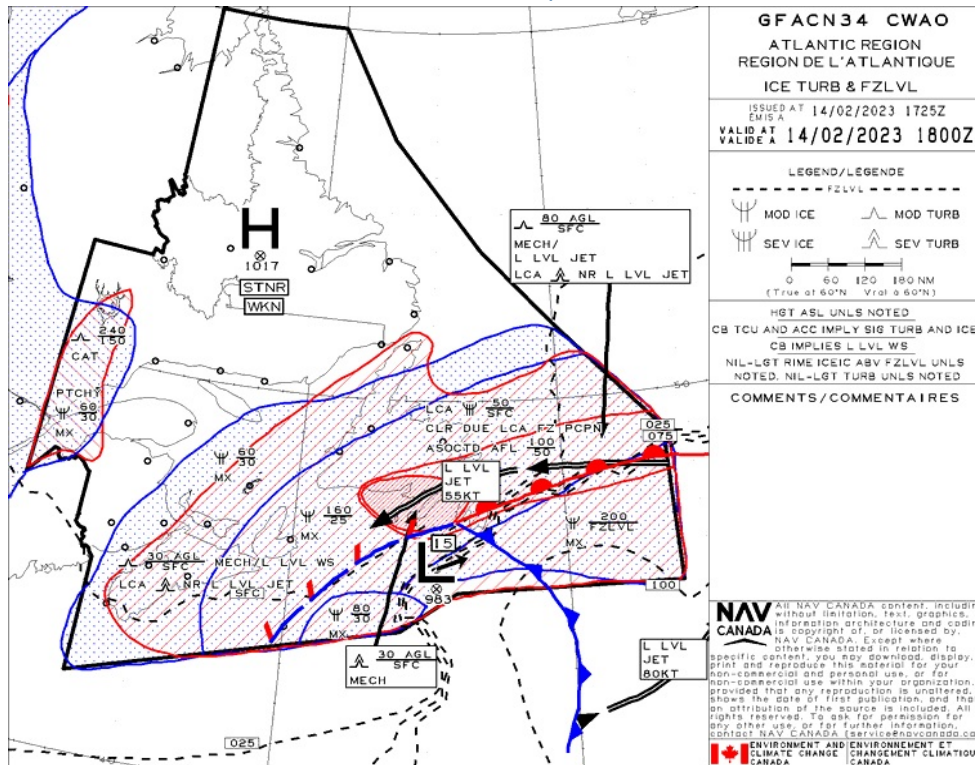
Records

- **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).

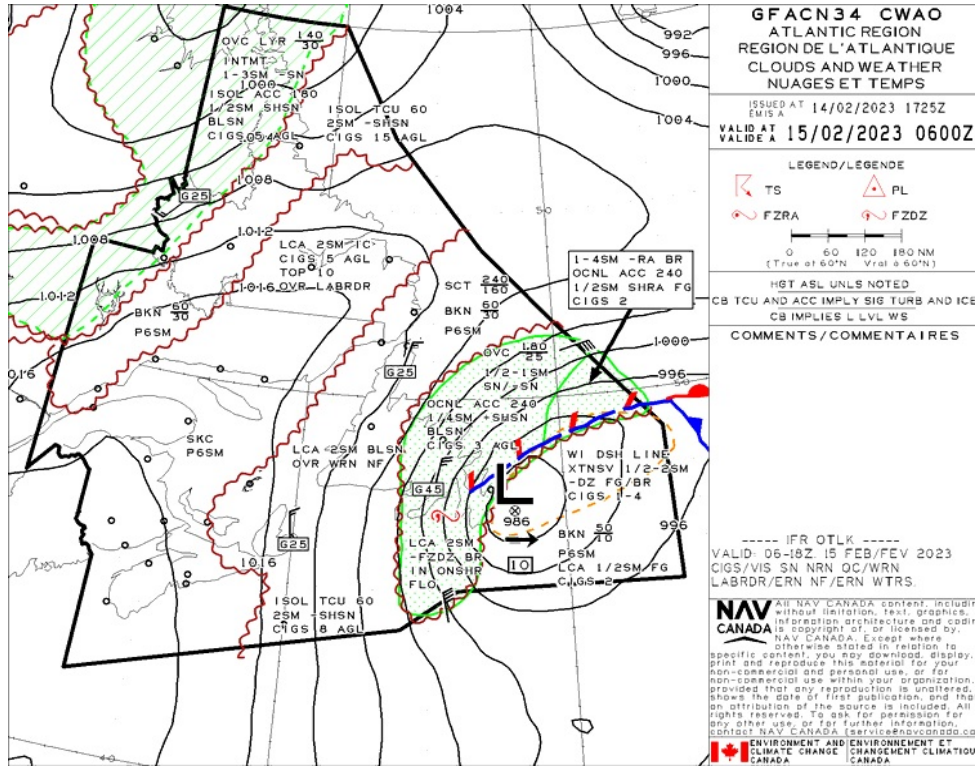
GFA Issue time + 00 hr - CLOUDS AND WEATHER



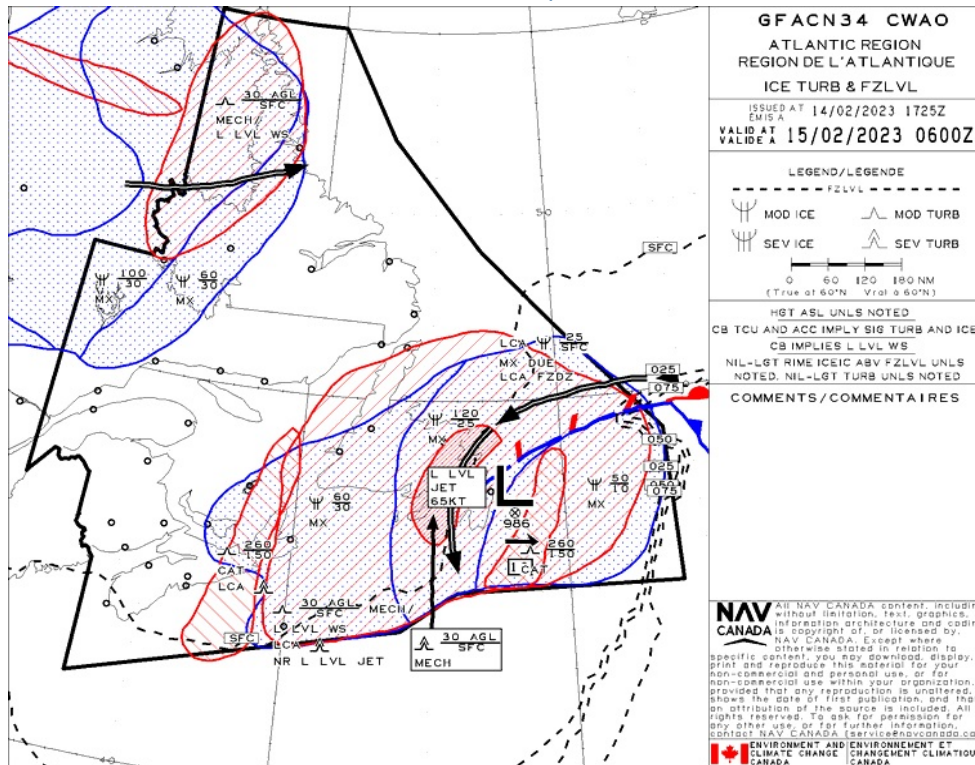
GFA Issue time + 00 hr - TURBULENCE, ICING AND FREEZING LEVEL



GFA Issue time + 12 hr - CLOUDS AND WEATHER



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





SOUTH BROOK - CCT5 - Reg

NOTAM

(H0055/23 NOTAMR H3562/22
Q) CZXX/QOECH/IV/NBO/E/000/999/5440N06941W999
A) CZUL CZQM CZQX B) 2301111839 C) 2304121800EST
E) ALL 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 BELARUS OR BY A CORPORATION OR ENTITY THAT IS
INCORPORATED OR FORMED UNDER THE LAWS OF THE RUSSIAN FEDERATION
OR BELARUS, AND ALL OPERATORS HOLDING AN AIR OPERATOR CERTIFICATE
(AOC) ISSUED BY RUSSIAN FEDERATION AND/OR BELARUSIAN AUTHORITIES
ARE PROHIBITED TO ENTER, EXIT OR OVERFLY CANADA'S TERRITORIAL
AIRSPACE (INCLUDING FLT WITHIN 12NM OF CANADA'S COASTS).
EXCEPTIONS PERMITTED FOR ACFT EXPERIENCING INFLIGHT EMERG.

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

HUMANITARIAN, SAR, MEDEVAC AND ANY OTHER FLT SEEKING AN EXCEPTION
TO THIS RESTRICTION MUST RECEIVE AUTH GRANTED AFTER 27 FEB 2022
FM THE MINISTER OF TRANSPORT TO OPERATE IN CANADA'S TERRITORIAL
AIRSPACE. AFFECTED ACFT WISHING TO OBTAIN SUCH AN AUTH OR CLR
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.

FR:
TOUS AERONEFS, INDEPENDAMMENT DE L'ETAT D'IMMATRICULATION,
DIRECTEMENT OU INDIRECTEMENT POSSEDES, AFFRETES, LOUES, EXPLOITES
OU CONTROLES PAR UNE PERSONNE LIEE AVEC LA FEDERATION RUSSE OU DU
BELARUS OU PAR UNE SOCIETE OU UNE ENTITE INCORPOREE OU FORMEE EN
VERTU DES LOIS DE LA FEDERATION RUSSE OU DU BELARUS, ET TOUS LES
EXPLOITANTS DETENANT UN CERTIFICAT D'EXPLOITANT AERIEN (CEA) EMIS
PAR LA FEDERATION RUSSE ET/OU LES AUTORITES DU BELARUS SONT
INTERDITS D'ENTRER,
DE SORTIR OU DE SURVOLER L'ESPACE AERIEN
TERRITORIAL DU CANADA (Y COMPRIS LE VOL A MOINS DE 12 MILES
NAUTIQUES DES COTES CANADIENNES). EXCEPTIONS PERMISES POUR LES
AERONEFS SUBISSANT DES URGENCES EN VOL.

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

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



Flight Plan & Site Survey

DEER LAKE - CYDF - Cert

METAR

METAR CYDF 141600Z 04015G21KT 15SM OVC029 M07/M10 A2967 RMK SC8 SLP050=		
METAR	LOCATION CYDF - DEER LAKE/NL	DATE - TIME 14 FEBRUARY 2023 - 1600 UTC
WIND 40 TRUE @ 15 KNOTS GUSTS 21 KNOTS	VISIBILITY 15 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER	CLOUDINESS OVERCAST 2900 FT	TEMP / DEWPOINT -7 C / -10 C
ALTIMETER 29.67 IN HG	RECENT WEATHER	WIND SHEAR

METAR CYDF 141500Z 03015G20KT 15SM -SN OVC019 M07/M11 A2967 RMK SC8 SLP051=		
METAR	LOCATION CYDF - DEER LAKE/NL	DATE - TIME 14 FEBRUARY 2023 - 1500 UTC
WIND 30 TRUE @ 15 KNOTS GUSTS 20 KNOTS	VISIBILITY 15 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER LIGHT SNOW	CLOUDINESS OVERCAST 1900 FT	TEMP / DEWPOINT -7 C / -11 C
ALTIMETER 29.67 IN HG	RECENT WEATHER	WIND SHEAR

NOTAM

(K4081/22 NOTAMR K3983/22
 Q) CZQX/QFAXX/IV/NBO/A/000/999/4913N05724W005
 A) CYDF B) 2212212106 C) 2303141800EST
 E) AUTOLAND PROCEDURES NOT RECOMMENDED DUE TO POSSIBLE INTERFERENCE TO RADALT FROM 5G NETWORK RESULTING IN DEGRADED SYSTEM PERFORMANCE. REPORT ANY SUSPECTED CASES OF INTERFERENCE TO ATC OR TC)

(A2508/23 NOTAMR A2326/23
 Q) CZQX/QFAXX/IV/NBO/A/000/999/4913N05724W005
 A) CYDF B) 2302141605 C) 2302150005
 E) RSC 07 6/6/6 DRY, DRY, DRY. 140FT WIDTH. REMAINING WIDTH ICE. VALID FEB 14 1558 - FEB 14 2358.

RSC 25 6/6/6 DRY, DRY, DRY. 140FT WIDTH. REMAINING WIDTH ICE. VALID FEB 14 1558 - FEB 14 2358.

ADDN NON-GRF/TALPA INFO:

RMK: TWY TWY ALPHA, BRAVO, 202302141604, DRY.
 RMK: APN APN APRON I, 202302141604, DRY.)

(H0055/23 NOTAMR H3562/22

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CANADA WATER AERODROME SUPPLEMENT

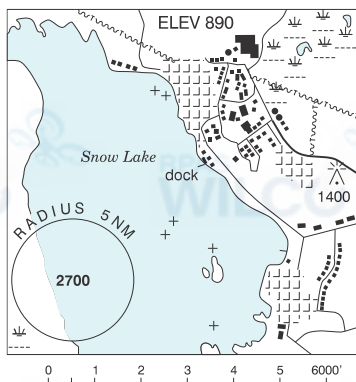
Effective 0901Z 24 March 2022 to 0901Z 20 April 2023

B218 AERODROME/FACILITY DIRECTORY

SNOW LAKE MB

CKM5

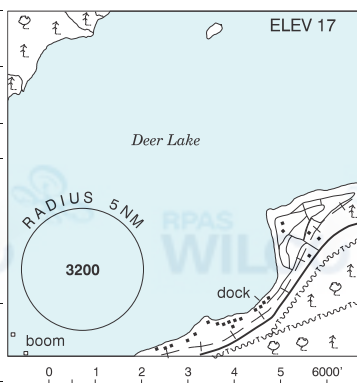
REF	N54 53 W100 02 Adj W 7°E UTC-6(5) Elev 890' A5016
OPR	Gogal Air Svc 204-358-2259 Reg
PF	B-1 C-2,4,5
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)
SERVICES	
S	5
A/D DATA	Open water mid May-Oct. Skiplanes in win.
COMM	
ATF	tfc 122.8 5NM 4000 ASL
CAUTION	Twr 1400 ASL in townsite.



SOUTH BROOK NL

CCT5

REF	N49 01 W57 38 20°W (2013) UTC-3½(2½) Elev 17' A5012
OPR	Air Sport Inc 709-686-2521 (Sep-Oct only) Reg PPR
PF	B-1 D-2,3,4,5
FLT PLN	
FIC	London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)
ACC	(IFR only) Gander 709-651-5225 or 888-751-5225.
SERVICES	
FUEL	100LL
OIL	All
A/D DATA	Open water May-mid Nov. Ops ltd to Sep-Oct only.
COMM	
RCO	London rdo (Deer Lake) 123.375 (FISE) 126.7 (bcst)
ATF	tfc 123.2 5NM 3000 ASL



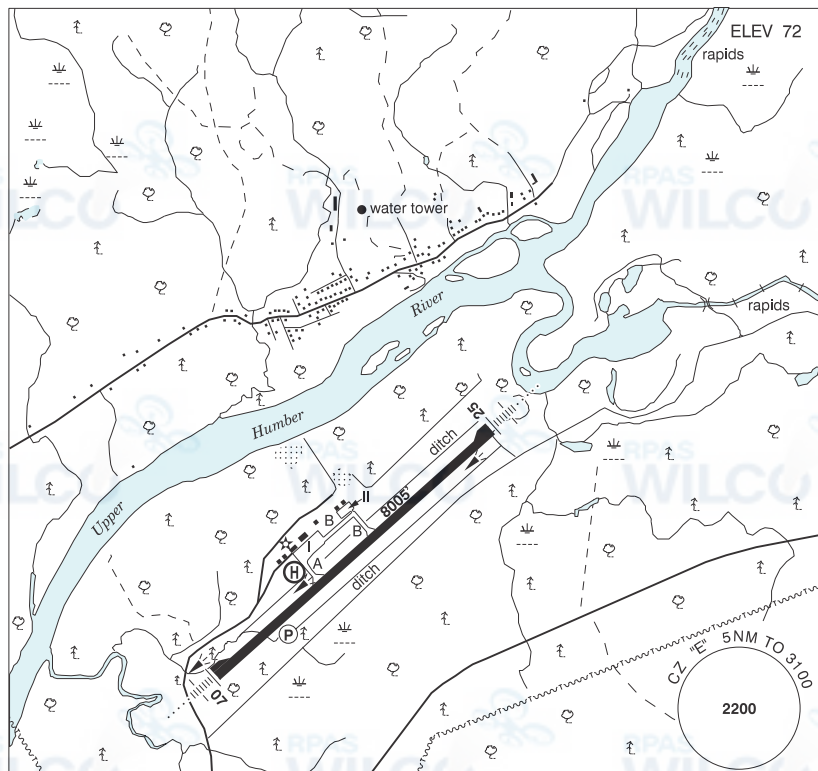
SOUTH PORTAGE ON — See DWIGHT / SOUTH PORTAGE

NEWFOUNDLAND AND LABRADOR

AERODROME / FACILITY DIRECTORY

DEER LAKE NL

CYDF



REF	N49 12 33 W57 23 40 3NNE 20°W (2013) UTC-31/2(21/2) Elev 72' A5011 A5012 LO8 HI6 CAP
OPR	Deer Lake Regional Airport Authority Inc. 709-635-3601 0830-0430Z± Cert
PF	A-1,2,3,6 C-4,5
CUST	AOE/120 (250 with staged off-loading) 888-226-7277 1830-0230Z± Mon-Fri, Feb 1-May 30; 1130-1930Z± Mon-Fri, Jun 22-Sep 30; AOE/15 H24
FLT PLN	<p>FIG London 866-WXBRIEF (Toll free within Canada) or 866-541-4104 (Toll free within Canada & USA)</p> <p>ACC (IFR only) Gander 709-651-5225 or 888-751-5225.</p> <p>WX METAR H24. TAF H24, issue times: 02, 08, 14, 20Z.</p>
SERVICES	<p>FUEL 100LL, JA-1</p> <p>OIL All</p> <p>ARFF DESIGNATED CAT 6 (CAT 7 30 min PN) 0830-0430Z±, O/T call out chg.</p> <p>PVT ADV Nalair 122.85 709-635-3574 Fax 709-635-3901 Woodward Aviation 709-635-3776</p> <p>MIL CON Woodward's Oil Limited 709-635-3776</p>

NEWFOUNDLAND AND LABRADOR

AERODROME/FACILITY DIRECTORY

DEER LAKE NL (Cont'd)

CYDF

RWY DATA	Rwy 07(066°)/25(246°) 8005x150 ASPH Rwy 07 up 0.35%
RWY CERT	Rwy 07 RVR 1200(1/4sm)/Rwy 25 RVR 1200(1/4sm) AGN IV
HELI DATA	Two 50' dia pads.
RCR	Opr CRFI 0830-0430Z† PN for extended svc PLR/PCN
LIGHTING	07-AN (TE HI) P2, 25-AN (TE HI)
COMM	
RADIO	122.2 239.6 (E) (emerg only 709-635-2848)
RCO	London rdo 123.375 (FISE) 126.7 (bcst)
MF	rdo 122.2 5NM 3100 ASL (CAR 602.98)
PAL	Gander Ctr 134.6
NAV	
VOR/DME	YDF 113.3 Ch 80 N49 13 57 W57 12 48 (450')
DME	IDF 108.3 Ch 20 N49 12 55 W57 23 14 (96')
ILS	IDF 108.3 (Rwy 25) LOC reliable only within 10° either side of centreline.
CAUTION	Water tower 1NM N of thld Rwy 25, 225 ASL.