



Flight Plan & Site Survey

Created using **RPAS Wilco®**

Operation Name:	Big Sky Flyers
Pilot Name:	██████████
Pilot Certificate:	██████████
Flight Start:	March 22, 2023 9:03 AM
Flight End:	March 22, 2023 11:03 AM
Flight Area (Latitude):	49° 40' 40.20" N (49.678)
Flight Area (Longitude):	97° 9' 42.00" W (-97.162)
Altitude - Radius:	Alt: 600 ft - Rad: 926.0 m (0.5 nm)
Airspace:	UNCONTROLLED
FIR - Contact:	CZWG - 204-983-8338

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.

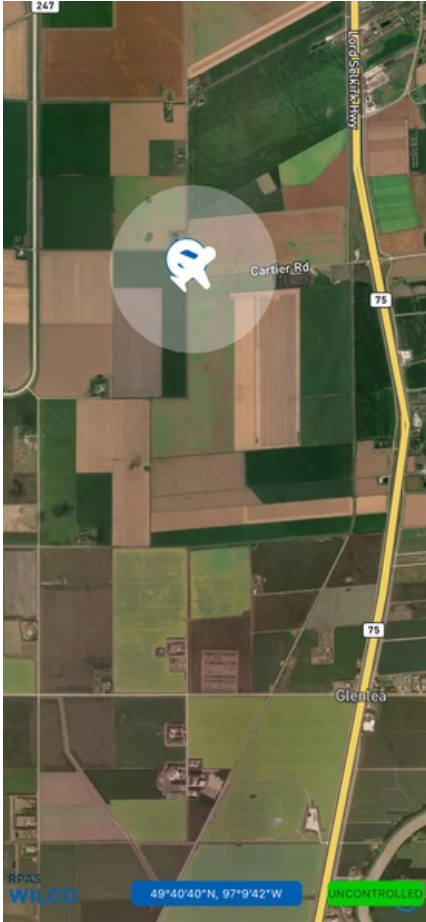
For the complete Terms & Conditions, see

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



Included

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

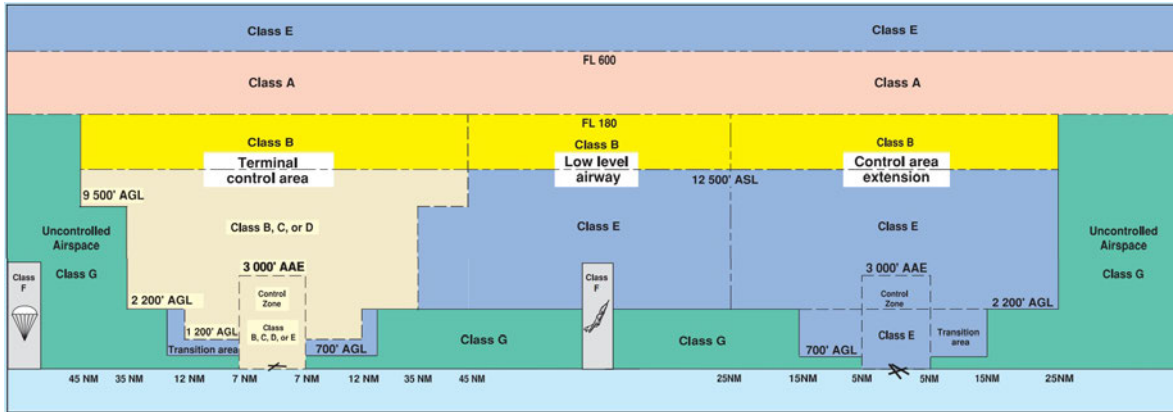
Flight Map



MAP Details

	Latitude	Longitude
 MODEL	49° 40' 40.20" N (49.678)	97° 9' 42.00" W (-97.162)
 Pilot	49° 40' 43.80" N (49.6788)	97° 9' 45.60" W (-97.1627)

Airspace Classification



Overlying Airspaces

Class	Name	Floor	Ceiling
E	Winnipeg, MB CAE	7000MSL	12500MSL
B	Winnipeg, MB CAE	12500MSL	18000MSL
E	Winnipeg, MB CAE	6500MSL	12500MSL
B	Winnipeg, MB CAE	12500MSL	18000MSL
B	Winnipeg, MB TCA	12500MSL	18000MSL
C	Winnipeg, MB TCA	3000MSL	4000MSL
C	Winnipeg, MB TCA	4000MSL	12500MSL
E	T407 Airway	2200AGL	12500MSL
B	T407 Airway	12500MSL	18000MSL
E	Winnipeg, MB TA	700AGL	12500MSL
B	Winnipeg, MB TA	12500MSL	18000MSL

Nearest Aerodromes & Distance from Operation

LYNCREST (CJL5 AERODROME Reg)	Lat: 49.852	Long: 96.974	23.595 KM	12.74 NM
JAMES ARMSTRONG RICHARDSON INTL (CYWG AERODROME DND)	Lat: 49.91	Long: 97.24	26.421 KM	14.27 NM
WINNIPEG (CITY OF WINNIPEG) (CWG2 HELIPORT Cert)	Lat: 49.9	Long: 97.096	25.15 KM	13.58 NM
WINNIPEG (HEALTH SCIENCES CENTRE) (CWH7 HELIPORT Cert)	Lat: 49.904	Long: 97.156	25.152 KM	13.58 NM

Canadian Aviation Regulations

Division III — General Operating and Flight Rules

For full listing please visit <https://laws-lois.justice.gc.ca/eng/regulations/SOR-96-433/FullText.html#s-901.27>

Visual Line-of-sight

- **901.11 (1)** Subject to subsection (2) no pilot shall operate a remotely piloted aircraft system unless the pilot or a visual observer has the aircraft in visual line-of-sight at all times during flight.
- **(2)** A pilot may operate a remotely piloted aircraft system without the pilot or a visual observer having the aircraft in visual line-of-sight if the operation is conducted in accordance with a special flight operations certificate — RPAS issued under section 903.03.

Procedures

- **901.23 (1)** No pilot shall operate a remotely piloted aircraft system unless the following procedures are established:
 - **(a)** normal operating procedures, including pre-flight, take-off, launch, approach, landing and recovery procedures; and
 - **(b)** emergency procedures, including with respect to
 - **(i)** a control station failure,
 - **(ii)** an equipment failure,
 - **(iii)** a failure of the remotely piloted aircraft,
 - **(iv)** a loss of the command and control link,
 - **(v)** a fly-away, and
 - **(vi)** flight termination.
- **(2)** If the manufacturer of the remotely piloted aircraft system provides instructions with respect to the topics referred to in paragraphs (1)(a) and (b), the procedures established under subsection (1) shall reflect those instructions.
- **(3)** No pilot shall conduct the take-off or launch of a remotely piloted aircraft unless the procedures referred to in subsection (1) are reviewed before the flight by, and are immediately available to, each crew member.
- **(4)** No pilot shall operate a remotely piloted aircraft system unless the operation is conducted in accordance with the procedures referred to in subsection (1).

Site Survey

901.27 No pilot shall operate a remotely piloted aircraft system unless, before commencing operations, they determine that the site for take-off, launch, landing or recovery is suitable for the proposed operation by conducting a site survey that takes into account the following factors:

- **(a)** the boundaries of the area of operation;
- **(b)** the type of airspace and the applicable regulatory requirements;
- **(c)** the altitudes and routes to be used on the approach to and departure from the area of operation;
- **(d)** the proximity of manned aircraft operations;
- **(e)** the proximity of aerodromes, airports and heliports;
- **(f)** the location and height of obstacles, including wires, masts, buildings, cell phone towers and wind turbines;
- **(g)** the predominant weather and environmental conditions for the area of operation; and
- **(h)** the horizontal distances from persons not involved in the operation.

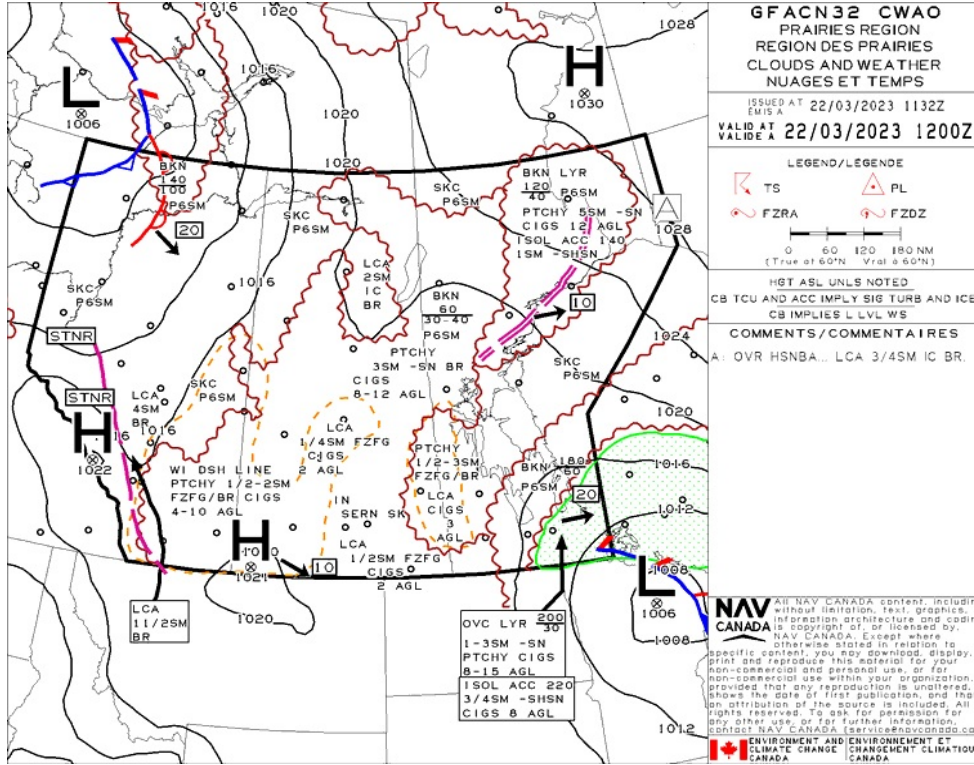
Operations at or in the Vicinity of an Aerodrome, Airport or Heliport

- **901.47 (1)** No pilot shall operate a remotely piloted aircraft at or near an aerodrome that is listed in the *Canada Flight Supplement* or the *Water Aerodrome Supplement* in a manner that could interfere with an aircraft operating in the established traffic pattern.
- **(2)** Subject to section 901.73 no pilot shall operate a remotely piloted aircraft at a distance of less than
 - **(a)** three nautical miles from the centre of an airport; and
 - **(b)** one nautical mile from the centre of a heliport.
- **(3)** No pilot shall operate a remotely piloted aircraft at a distance of less than three nautical miles from the centre of an aerodrome operated under the authority of the Minister of National Defence unless the operation is conducted in accordance with a special flight operations certificate — RPAS issued under section 903.03.

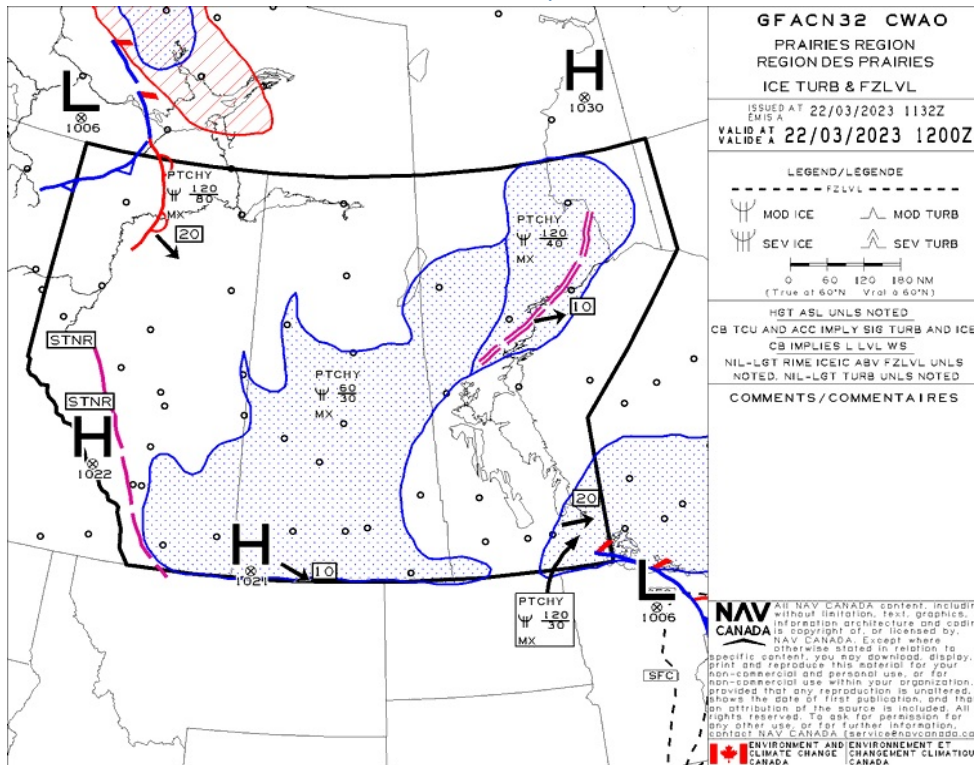
Records

- **901.48 (1)** Every owner of a remotely piloted aircraft system shall keep the following records:
 - **(a)** a record containing the names of the pilots and other crew members who are involved in each flight and, in respect of the system, the time of each flight or series of flights and
 - **(b)** a record containing the particulars of any mandatory action and any other maintenance action, modification or repair performed on the system, including
 - **(i)** the names of the persons who performed them,
 - **(ii)** the dates they were undertaken,
 - **(iii)** in the case of a modification, the manufacturer, model and a description of the part or equipment installed to modify the system, and
 - **(iv)** if applicable any instructions provided to complete the work.
- **(2)** Every owner of a remotely piloted aircraft system shall ensure that the records referred to in subsection (1) are made available to the Minister on request and are retained for a period of
 - **(a)** in the case of the records referred to in paragraph (1)(a), 12 months after the day on which they are created; and
 - **(b)** in the case of the records referred to in paragraph (1)(b), 24 months after the day on which they are created.
- **(3)** Every owner of a remotely piloted aircraft system who transfers ownership of the system to another person shall, at the time of transfer, also deliver to that person all of the records referred to in paragraph (1)(b).

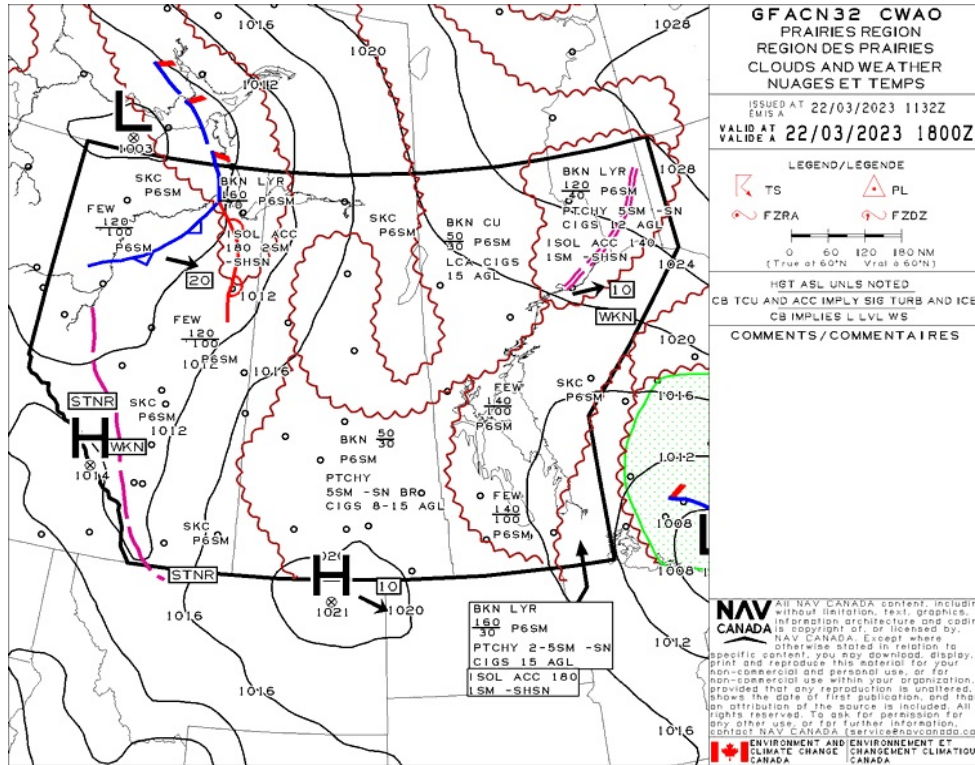
GFA Issue time + 00 hr - CLOUDS AND WEATHER



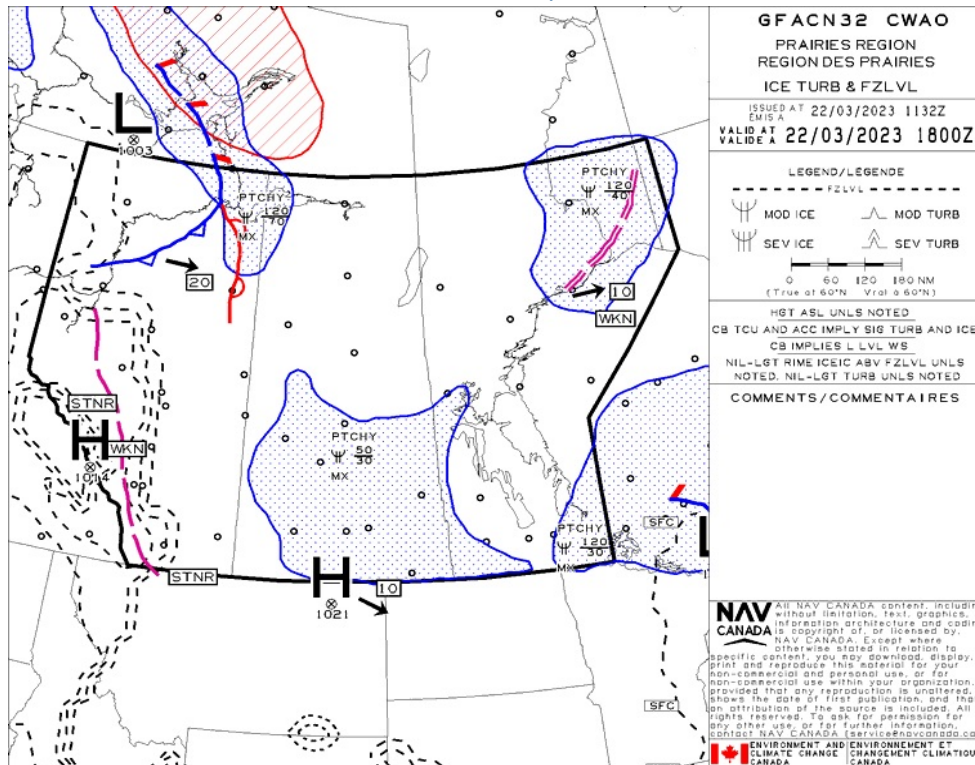
GFA Issue time + 00 hr - TURBULENCE, ICING AND FREEZING LEVEL



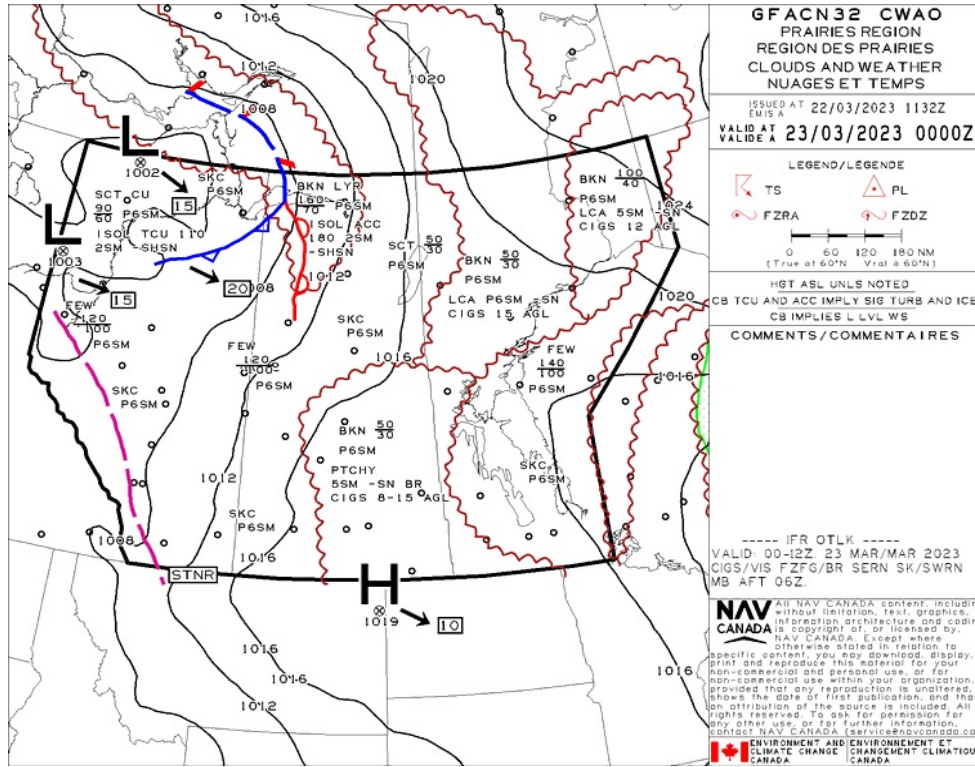
GFA Issue time + 06 hr - CLOUDS AND WEATHER



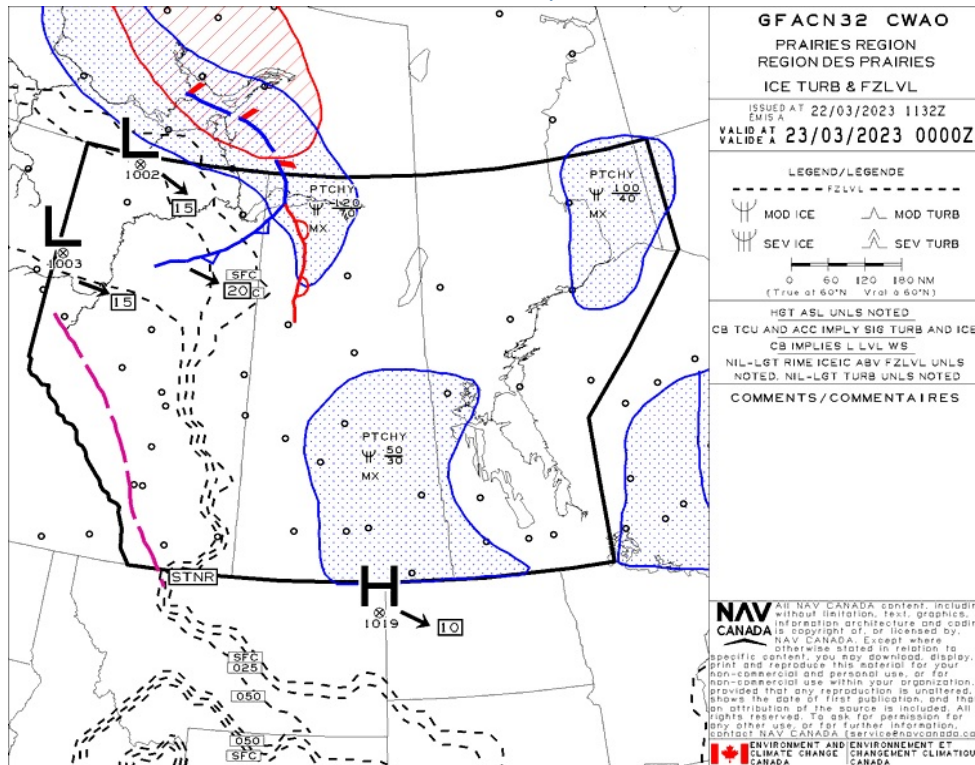
GFA Issue time + 06 hr - TURBULENCE, ICING AND FREEZING LEVEL



GFA Issue time + 12 hr - CLOUDS AND WEATHER



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





LYNCREST - CJL5 - Reg

NOTAM

(G0033/23 NOTAMR G2417/22

Q) CZXX/QOECH/IV/NBO/E/000/999/5518N09358W999

A) CZWG CXYZ 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 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 INF IGHTEMERG.

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.)



Flight Plan & Site Survey

JAMES ARMSTRONG RICHARDSON INTL - CYWG - DND

METAR

METAR CYWG 221300Z 33010KT 3SM -SN OVC052 M08/M09 A2988 RMK SC8 SLP136=

METAR	LOCATION CYWG - WINNIPEG/JAMES ARMSTRONG RICHARDSON	DATE - TIME 22 MARCH 2023 - 1300 UTC
WIND 330 TRUE @ 10 KNOTS	VISIBILITY 3 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER LIGHT SNOW	CLOUDINESS OVERCAST 5200 FT	TEMP / DEWPOINT -8 C / -9 C
ALTIMETER 29.88 IN HG	RECENT WEATHER	WIND SHEAR

METAR CYWG 221200Z 36010KT 5SM -SN OVC056 M07/M08 A2988 RMK SC8 SLP135=

METAR	LOCATION CYWG - WINNIPEG/JAMES ARMSTRONG RICHARDSON	DATE - TIME 22 MARCH 2023 - 1200 UTC
WIND 360 TRUE @ 10 KNOTS	VISIBILITY 5 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER LIGHT SNOW	CLOUDINESS OVERCAST 5600 FT	TEMP / DEWPOINT -7 C / -8 C
ALTIMETER 29.88 IN HG	RECENT WEATHER	WIND SHEAR

METAR CYWG 221100Z 01009KT 1 3/4SM -SN VV022 M07/M08 A2988 RMK SN8 SLP135=

METAR	LOCATION CYWG - WINNIPEG/JAMES ARMSTRONG RICHARDSON	DATE - TIME 22 MARCH 2023 - 1100 UTC
WIND 10 TRUE @ 9 KNOTS	VISIBILITY 1 3/4 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER LIGHT SNOW	CLOUDINESS VERTICAL VISIBILITY 2200 FT	TEMP / DEWPOINT -7 C / -8 C
ALTIMETER 29.88 IN HG	RECENT WEATHER	WIND SHEAR

NOTAM

(D0324/23 NOTAMR D0315/23
Q) CZWG/QFF T/IV/NB0/A/000/999/4955N09714W005
A) CYWG B) 2302151839 C) 2305161800
E) ACFT RESCUE AND FIRE FIGHTING (ARFF) CAT 8 NOT AVB)

(D0163/23 NOTAMR D2811/22

Q) CZWG/QPICH/I/NBO/A/000/999/4955N09714W005
A) CYWG B) 2301241441 C) 2304241800EST
E) VOR/DME Z RWY 36 APCH:
VOR/DME MINIMA TO READ: 1220 (442) 1 RVR 50
DIST/A T TAB E: AST A T TO READ 3.2/1220 INSTEAD OF 3.1/1200
DUE TO CRANES)

(U0197/23 NOTAMN
Q) CZWG/QO AS/IV/M/AE/000/011/4952N09720W005
A) CYWG B) 2302062313 C) 2304061800
E) OBST GT U/S TOWER 495141N 0971941W (APRX 4.5NM SW AD) 148FT AG ,
1050FT AMS .)

(J1640/23 NOTAMN
Q) CZWG/QFH C/IV/NBO/A/000/999/4954N09709W005
A) CXXX B) 2303221300 C) 2303221500
E) CWH7 WINNIPEG (HEALTH SCIENCES CENTRE) (HE I)
HE IPAD C SD DUE MAINT.)

(G0261/23 NOTAMR G0106/23
Q) CZWG/QNTAS/IV/BO/AE/000/999/4956N09714W005
A) CYWG B) 2303031521 C) 2304072359
E) WINNIPEG TACAN YWG 115.5MHZ/CH102X U/S)

(S6471/23 NOTAMR S6449/23
Q) CZWG/QFAXX/IV/NBO/A/000/999/4955N09714W005
A) CYWG B) 2303221359 C) 2303222159
E) RSC 13 5/5/5 40 PCT 1/8IN DRY SNOW, 40 PCT 1/8IN DRY SNOW, 40 PCT
1/8IN DRY SNOW. 180FT WIDTH. REMAINING WIDTH 1/4IN DRY SNOW. NO
C.R.F.I. DUE TO HIGH FRICTION VA UES. SWEEPING IN PROGRESS. VA ID
MAR 22 1334 - MAR 22 2134.

RSC 31 5/5/5 40 PCT 1/8IN DRY SNOW, 40 PCT 1/8IN DRY SNOW, 40 PCT
1/8IN DRY SNOW. 180FT WIDTH. REMAINING WIDTH 1/4IN DRY SNOW. NO
C.R.F.I. DUE TO HIGH FRICTION VA UES. SWEEPING IN PROGRESS. VA ID
MAR 22 1334 - MAR 22 2134.

RSC 18 5/5/5 40 PCT 1/8IN DRY SNOW, 40 PCT 1/8IN DRY SNOW, 40 PCT
1/8IN DRY SNOW. 160FT WIDTH. REMAINING WIDTH 1/2IN DRY SNOW.
TURNOFFS SNOW COVERED. NO C.R.F.I. DUE TO HIGH FRICTION VA UES.
SWEEPING IN PROGRESS. VA ID MAR 22 1352 - MAR 22 2152.

RSC 36 5/5/5 40 PCT 1/8IN DRY SNOW, 40 PCT 1/8IN DRY SNOW, 40 PCT
1/8IN DRY SNOW. 160FT WIDTH. REMAINING WIDTH 1/2IN DRY SNOW.
TURNOFFS SNOW COVERED. NO C.R.F.I. DUE TO HIGH FRICTION VA UES.
SWEEPING IN PROGRESS. VA ID MAR 22 1352 - MAR 22 2152.

ADDN NON-GRF/TA PA INFO:

RMK: TWY TWY A PHA, BRAVO, CHAR IE, ECHO, FOXTROT, GO F, KI O,
IMA, PAPA, QUEBEC, TANGO, VICTOR, WHISKEY, 202303221343, DRY
SNOW, 1/4IN. ICE PATCHES USE CAUTION S IPPERY. SWEEPING IN
PROGRESS. TWY HOTE , 202303221344, DRY SNOW, 1/4IN. HOTE
S IPPERY DUE TO DEICING F UID. ICE PATCHES USE CAUTION S IPPERY.
SWEEPING IN PROGRESS.

RMK: APN APN APRON I, APRON II, APRON IV, APRON IX, APRON V,
APRON VII, APRON VIII, APRON X, APRON XII, CDF, 202303221357, DRY
SNOW, 1/4IN. S IPPERY CONDITIONS ON APRONS. ICE PATCHES USE
CAUTION S IPPERY. SCATTERED COMPACTED SNOW. PAVEMENT MARKINGS
OBSCURED. SWEEPING IN PROGRESS.)

(D0063/23 NOTAMN
Q) CZWG/QOBCE/IV/M/AE/000/011/4953N09709W005
A) CYWG B) 2301101459 C) PERM
E) BUI DING 495328N 0970844W (APRX 3.8NM ESE AD). 308FT AG 1069FT
AMS . NOT GTD, NOT PAINTED.)

(G0033/23 NOTAMR G2417/22
Q) CZXX/QOECH/IV/NBO/E/000/999/5518N09358W999
A) CZWG C) 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 FT WITHIN 12NM OF CANADA'S COASTS).
EXCEPTIONS PERMITTED FOR ACFT EXPERIENCING INFIGHT EMERG.

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TO THIS NOTAM ARE REVOKED.

HUMANITARIAN, SAR, MEDEVAC AND ANY OTHER FT SEEKING AN EXCEPTION
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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.)

(U0279/23 NOTAMN
Q) CZWG/QO AS/IV/M/AE/000/010/4956N09713W005
A) CYWG B) 2302232037 C) 2304091300
E) OBST GT U/S TOWER 495618N 0971316W (APRX 1.86NM NNE AD) 144FT
AG , 920FT AMS .)



WINNIPEG (CITY OF WINNIPEG) - CWG2 - Cert

NOTAM

(D0063/23 NOTAMN
Q) CZWG/QBCE/IV/M/AE/000/011/4953N09709W005
A) CYWG B) 2301101459 C) PERM
E) BUI DING 495328N 0970844W (APRX 3.8NM ESE AD). 308FT AG 1069FT
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(J1640/23 NOTAMN
Q) CZWG/QFH C/IV/NBO/A/000/999/4954N09709W005
A) CXXX B) 2303221300 C) 2303221500
E) CWH7 WINNIPEG (HEALTH SCIENCES CENTRE) (HE I)
HE IPAD C SD DUE MAINT.)



Flight Plan & Site Survey

WINNIPEG (HEALTH SCIENCES CENTRE) - CWH7 - Cert

NOTAM

(D0163/23 NOTAMR D2811/22
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A) CYWG B) 2303031521 C) 2304072359
E) WINNIPEG TACAN YWG 115.5MHZ/CH102X U/S)

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A) CYWG B) 2302151839 C) 2305161800
E) ACFT RESCUE AND FIRE FIGHTING (ARFF) CAT 8 NOT AVBL)

MANITOBA

AERODROME / FACILITY DIRECTORY

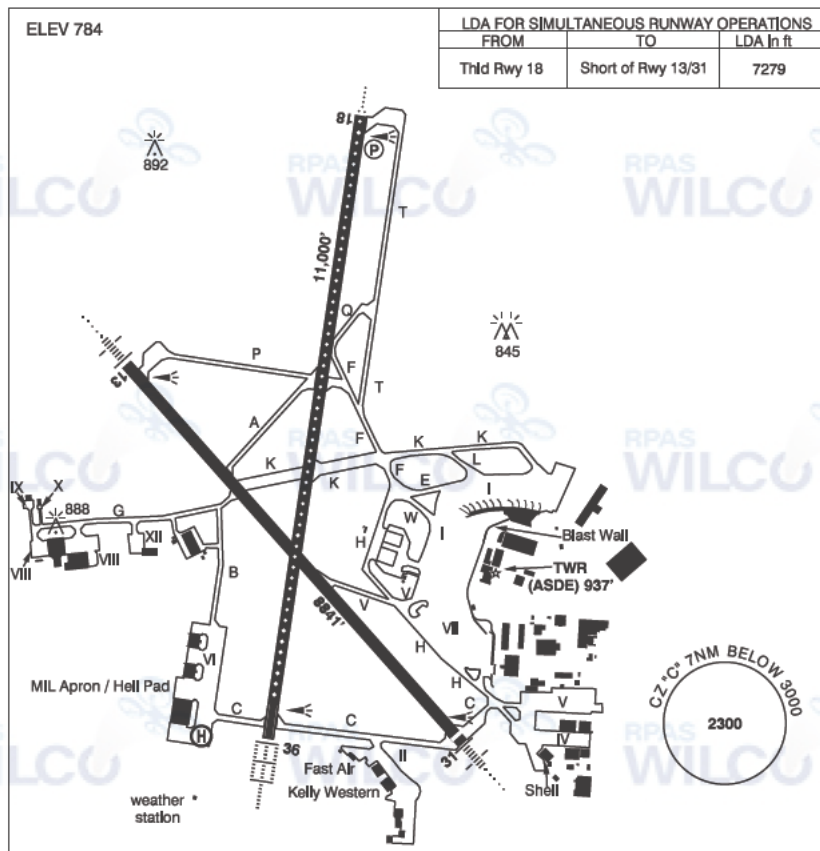
WINNIPEG / LYNCREST MB

CJL5

REF	N49 51 09 W96 58 25 2.8E 3°E (2015) UTC-6(5) Elev 775' VTA A5007	
OPR	Springfield Flying Club 204-222-0079 Reg	
PF	B-1 C-2,3,4,5,6	
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. FIC Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) (file 30 min prior ETD, see PRO) ACC IFR, 204-983-8337 or 888-834-3344 or flt pln by Fax at 204-983-2823 & include phone numbers where pilot can be reached prior to dep.	
SERVICES		
FUEL	100LL	
RWY DATA	Rwy 09(093°)/27(273°) 3000x120 GRASS Rwy 17(170°)/35(350°) 2500x200 GRASS	
RCR	Ctc opr Ltd win maint. Win rwy width 90' marked with cones.	
COMM		
ATF	ftc 123.2 3NM to below 3000 ASL excluding airspace within Winnipeg TCA	
PRO	Circuit hgt 1300 ASL. Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering. PPR for block airwork, photo flt or tng flt oprg in Winnipeg TCA ctc Winnipeg ACC 204-984-5979 or fax 204-983-2823.	
NOISE	Noise abatement pro: avoid flying over houses. Dep path Rwy 17 if cond permit.	
CAUTION	Apch path Rwy 17 over railway tracks. Apch path Rwy 09 over road. P-lines all quad, see VTA. Ultra-light activity in the circuit. Migratory bird activity in vic of A/D. Avoid flying over water reten ion ponds E of aprt dep Rwy 09, ldg Rwy 27 if cond permit.	

WINNIPEG / JAMES ARMSTRONG RICHARDSON INTL MB

CYWG



REF	N49 54 36 W97 14 24 Adj W 3°E (2014) UTC-6(5) Elev 784' VTA A5007 LO4 HI4 T1 CAP OC
OPR	Winnipeg Airports Authority 204-987-9798, DND Ops 877-283-6827 H24 Cert Ldg fees
PF	A-1,2,3,6,7,8 B-4 C-5 Mil on Base Transport avbl 1330-2130Z ‡ Mon-Fri, 6 days advance notice required.
CUST	AOE 888-226-7277
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.
FIG	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) (file 30 min prior ETD, see PRO)
ACC	IFR, 204-983-8337 or 888-834-3344 or flt plan by Fax at 204-983-2823 & include phone numbers where pilot can be reached prior to dep.
WX	METAR H24. TAF H24, issue times: 00, 06, 12, 18Z. Met brief for mil only. JMC 1-800-WXMETEO (996-3836) or CSN 432-2613. (See COMM)
DUAT	Fast Air; Kelly Western; Shell Aviation Winnipeg

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WINNIPEG / JAMES ARMSTRONG RICHARDSON INTL MB (Cont'd)

CYWG

SERVICES

FUEL	100LL, F-34, JA-1 FSII (avbl), HPR
OIL	All (Mil 123, 128, 133, 148, 156)
S	1,2,3,4,5,6
ARFF	DESIGNATED CAT 7 (CAT 8 avbl with prior arrangement, ctc WAA 204-987-9798) Discrete emerg freq 122.675
SUP FL	LHOX, D & A-ice H24 Oct 1-May 31, O/R 2 hr PN Jun 1-Aug 31, O/R Sep 1-30. Mil LOX, Nitrogen avbl PN via NOVA msg only.
JASU	CE12, 13, 14, 16, CA2, CEA1
MIL ADV	All tran acft require PPR thru 17 Wg Ops CSN 319-257-2700 204-833-2700 Toll Free 877-283-6827. PPR valid for ± 1 hr ETA. Tran svcg avbl 14-02Z± Mon-Fri, wknds & hols 14-21Z±. 24 hr PN wkds, 48 hr PN for wknds or hol. Non-compliance could result in delays for Mil svcg & prkg or svcg being referred to civ contractor. Mil acft emerg hg space only. 17 Wg ops will arrange D & A-ice with CDF contractor when req by aircrew. All applicable costs will be the responsibility of the aircrew home unit. Mil svcg rstd to park, start & refuelling with Aircrew Supervision exc for CC130 acft. No tow bar for CP140, CT155 & CT156 acft. Ctc Wg Ops (131.4 or 308.8) 20 min prior to ETA & before entering or exiting Mil ramp.
PVT ADV	Fast Air 123.0 204-831-7714; Kelly Western 122.85 204-948-9500; Shell Aviation Winnipeg 123.35 204-956-6172
MIL CON	Exchange Petroleum (Shell) 204-956-6172

RWY DATA

Rwy 18(185°)/36(005°) 11,000x200 ASPH
Rwy 13(135°)/31(315°) 8841x200 ASPH Thld 31 displ 140'
RESA: 13 738'; 31 492'

RWY CERT

Rwy 18 RVR 1200(1/4sm)/Rwy 36 RVR 600 AGN VI
Rwy 13 RVR 1200(1/4sm)/Rwy 31 RVR 1200(1/4sm) AGN VI

TWY CERT

Twy A AGN IV
Twy: B, G AGN V

TWY

Twy A: not avbl to acft 160,000 lbs or heavier, exc B757 & B767.
Twy E, W: simultaneous use by acft with wingspan 171' or greater not auth.
Twy G: Uncontrolled. Discretionary oversteer rqr'd for acft with wingspan 171' to less
than 214'.

APRON

Apron I: Ctc aprt for stand assignment. Acft shall be pushed back straight fr all bridge
locations on Apron I unless otherwise auth. Acft taxiing or being towed to or fr Apron I
ctc gnd ctl prior to manoeuvring.
Apron II: not avbl to acft with wingspan 118' or greater.
Apron IV: not avbl to acft with wingspan 171' or greater.
Apron V: Ctc aprt for stand assignment. Ctc gnd ctl prior to taxi or tow. Not avbl to acft
with wingspan 171' or greater.
Apron VII: Ctc aprt for stand assignment. Ctc gnd c l prior to taxi or tow.
Apron VIII: acft with wingspan 171' to less than 214' discretionary oversteer rqr'd.

RCR

Opr CRFI, PLR/PCN

LIGHTING

13-AN(TE HI), 31-AN(TE HI), 18-AO(TE HI CL) P2,
36-AL(TE HI TDZL)

COMM

RCO	Edmonton rdo 123.25 (FISE) 126.7 (bcst) (V)
ATIS	120.2
CLNC DEL	121.3 all dep acft to ctc clnc del
GND	121.9
TWR	118.3 125.4 (V) (emerg only 204-983-6705)
ARR	119.5
DEP	121.0 (West) 119.9 (East)
VFR ADV	121.0 (West) 119.9 (East)
MIL	Base Ops 131.4 308.8

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WINNIPEG / JAMES ARMSTRONG RICHARDSON INTL MB (Cont'd)

CYWG

NAV

NDB

WG 248 (M) N49 53 57 W97 20 57
 FORKS ZHT 236 (L) N49 50 02 W97 08 39
 DOWNS ZWN 201 (L) N49 57 50 W97 19 18
 BOINE ZWW 215 (L) N49 49 48 W97 15 25

VORTAC

ILS

YWG 115.5 Ch 102 N49 55 40 W97 14 21 (820°)
 INP 109.5 (Rwy 13) RVR LOC reliable only within 10° either side of centreline;
 IWG 109.9 (Rwy 36) RVR LOC reliable only within 10° either side of centreline;
 IHV 110.3 (Rwy 31) RVR LOC reliable only within 10° either side of centreline

PRO

AIRPORT: Rgt hand circuits Rwy 13 & 18 (CAR 602.96). Circuit hgt all rwys 2000 ASL.

Arrival Requirements

1. On apch, cross the FAF at 170 kt or less.
2. On visual apch, intercept final at or outside the final apch FAF for landing rwy unless otherwise authorized by ATC.

Note: Refer to NOISE ABATEMENT PROCEDURES for additional requirements.

Training Flight / Photo Block Requirements

PPR for all block air work, photo flight or training flight operating in Winnipeg TCA. Ctc Winnipeg ACC 204-984-5979 Fax 204-983-2823.

Note: Refer to NOISE ABATEMENT PROCEDURES for additional requirements.

ATS VFR REQUIREMENTS:

1. **Mode C Transponder Mandatory** - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a fit plan, fit itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering. Acft departing CYAV may ctc CYAV Tower to obtain a discrete transponder code. Set transponder to discrete code prior to ctc ATC.
2. **VFR Circuits:** PPR, Ctc Winnipeg ACC 204-984-5979

DE-ICING OPERATIONS

De-icing bays 1, 3, 4, 6 not avbl to acft with wingspan 125' or greater.

De-icing bay 2 avbl to acft with wingspan 214' or greater with discretionary oversteer at entrance.

De-icing bay 5 not avbl to acft with wingspan 214' or greater.

See CAP Central De-icing Facility chart.

For more information, ctc Icehouse 204-987-9436.

1. Prior to push back, notify PAD CONTROL (122.925) and WINNIPEG GND when de-icing is required.
2. Hold short of Central De-icing Facility (CDF) and ctc PAD CONTROL on 122.925.
Note: In the event that the "Hold" light and/or inset lgt can not be utilized, the CDF will deploy a "Follow Me" vehicle.
3. All deicing operations are performed with acft engines running, unless otherwise advised by PAD CONTROL.

CAUTION: all oprg engines must be maintained at gnd idle thrust settings.

De-icing operation limited to maximum wind gusts of 40kts.

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WINNIPEG / JAMES ARMSTRONG RICHARDSON INTL MB (Cont'd) **CYWG**

PRO (Cont'd)	4. Once de-icing is complete, acft will be instructed to ctc WINNIPEG GND for taxi cnc. DO NOT ENTER TWY H WITHOUT ATC CLEARANCE. MINIMUM BREAKAWAY THRUST MUST BE USED.
NOISE	Maint engine run-ups & lcl flt tng PPR, ctc 204-987-9798 - one call. Noise oprg restrictions & noise abatement procedures in effect, see current CAP.
HELI	Use extreme caution at apron II due to lgt acft & 10' high security fence S of apron. Air taxi along aprons IV & V proh. Caution: 7' high security fence 50' S of Mil ramp 6.
MIL	IFR or VFR tran mil jet acft will conduct a straight-in apch commencing at or outside the final apch fix for the rwy in use, overhead breaks not auth. All VFR Flt Plns within Winnipeg TCA shall include an alt. MIL De-icing All Mil aircrew to arrange de-icing through Wg Ops Ctr.
CAUTION	Radiosonde balloon launches with an ascent rate of 1000 ft/min btwn the hrs of 1715Z-1730Z fr U of M (N49 48 09 W97 08 34, 7.5NM SE aprt, aprx 1.2NM SW fr extended rwy centreline 13/31). Ocsl para jumps by 435 Sqn 15-21Z \pm Mon-Fri. Max alt 3000 ASL. Drop zone 1.5NM radius N49 52 42 W97 29 48 (10NM WSW A/D) at Beaudry Provincial Park. Hi ints lgt oprg dusk-09Z \pm from hotel roof at N49 49 19 W97 09 10 (vicinity ZHT/FORKS NDB 0.7NM SW extended centerline Rwy 31). Beams projecting upward. Hi ints lgt may create tempo effects to vision.

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WINNIPEG (CITY OF WINNIPEG) MB (Heli)

CWG2

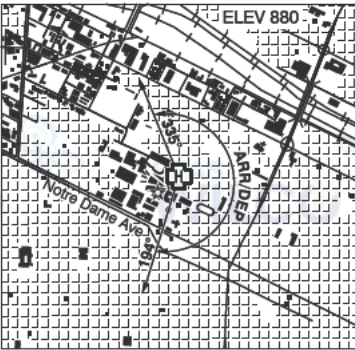
REF	N49 54 01 W97 05 44 4°E UTC-6(5) Elev 767' VTA A5007	
OPR	City of Winnipeg 204-986-4869 204-470-7800 Cert PPR	
PF	B-1 C-2,3 D-4,5,6	
FLT PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	
HELI DATA	FATO 66' dia CONC Safety Area 87' dia Parking Pad 1 & 2: 52' dia CONC/GRASS	
COMM	TWR Winnipeg 118.3	
PRO	Arr/dep 090°-270° fr heli, slope 8% (H3), day use only. NVG reqrd for night use, arr/dep 091°-153° and 223°-271° fr heli, slope 8% (H3), night use only. Mode C Transponder Mandatory - Acft operating in Winnipeg Class C CZ or TCA require a discrete transponder code which must be obtained by filing a flt plan, flt itinerary or by ctc Winnipeg ACC 204-984-5979 at least 15 min prior to entering.	
CAUTION	Extv insect ctl heli ops Apr-Oct. MEDEVAC heli ops year round.	

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WINNIPEG (HEALTH SCIENCES CENTRE) MB (Heli)

CWH7

REF	N49 54 15 W97 09 23 Adj WNW 3°E (2016) UTC-6(5) Elev 880' VTA A5007	
OPR	Winnipeg Regional Health Authority 204-787-2735 Cert NVG Compliant PPR	
PF	A-1,2,3,4 C-5,6,7,8	
FL 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)	
FIC		
HELI DATA	FATO 86' dia non-supporting TLOF 57' x 57' CONC Safety Area 115' dia 17,000 lbs Max heli overall length 57.4' Opr 204-787-1244	
RCR		
LIGHTING	RY (LO) green	
COMM		
TWR	Winnipeg 118.3	
PRO	Arr/dep 335° to 194° fr heli (H1), day/night use.	
CAUTION	Elevator vestibule W of pad	