



# Flight Plan & Site Survey

Created using **RPAS Wilco**®

Operation Name:	Mission 01-23-2023
Pilot Name:	██████████
Pilot Certificate:	██████████
Flight Start:	January 23, 2023 3:51 PM
Flight End:	January 23, 2023 5:51 PM
Flight Area (Latitude):	49° 46' 59.00" N ( 49.783 )
Flight Area (Longitude):	97° 24' 50.40" W ( -97.414 )
Altitude - Radius:	Alt: 600 ft - Rad: 555.6 m ( 0.3 nm)
Airspace:	UNCONTROLLED
FIR - Contact:	CZWG - 204-983-8338
Weather:	-7.2 Celsius - Snow, 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.

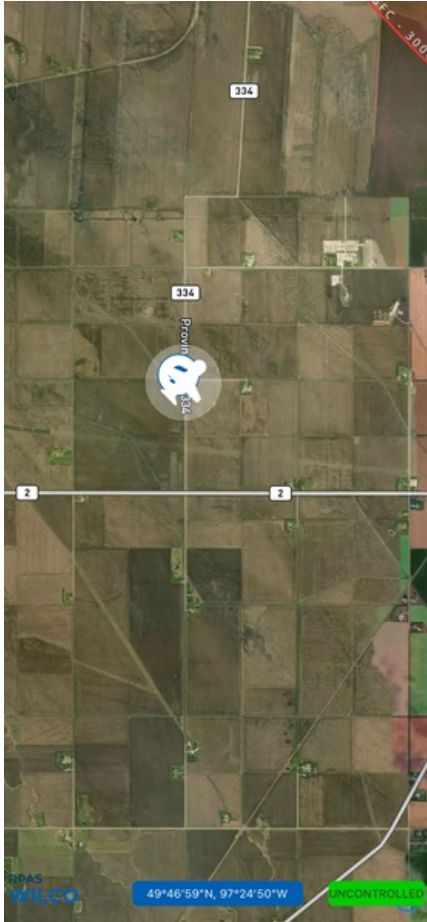
For the complete Terms & Conditions, see

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



## Included

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

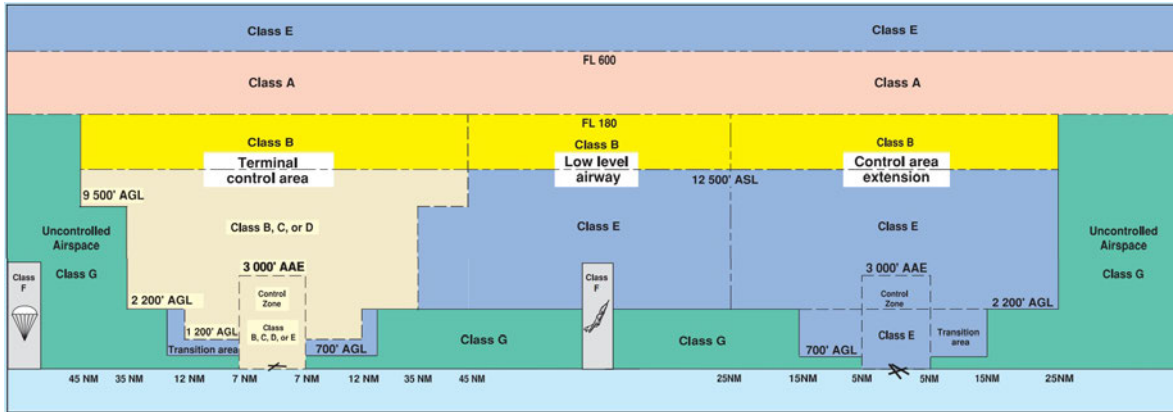
## Flight Map



## MAP Details

	Latitude	Longitude
 MODEL	49° 46' 59.00" N ( 49.783 )	97° 24' 50.40" W ( -97.414 )
 Pilot	49° 47' 2.60" N ( 49.7841 )	97° 24' 54.00" W ( -97.415 )

## Airspace Classification



## Overlying Airspaces

Class	Name	Floor	Ceiling
E	Winnipeg, MB CAE	700MSL	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
C	Winnipeg, MB TCA	2000MSL	3000MSL
E	Winnipeg, MB TA	700AGL	12500MSL
B	Winnipeg, MB TA	12500MSL	18000MSL
E	T702 Airway	2200AGL	12500MSL
B	T702 Airway	12500MSL	18000MSL
E	T798 Airway	2200AGL	12500MSL
B	T798 Airway	12500MSL	18000MSL
E	T407 Airway	2200AGL	12500MSL
B	T407 Airway	12500MSL	18000MSL

## Nearest Aerodromes & Distance from Operation

Aerodrome Name	Reg	Lat	Long	Distance (KM)	Distance (NM)
ST. FRANCOIS XAVIER (CKA8)	AERODROME	49.924	97.549	18.42	9.95
JAMES ARMSTRONG RICHARDSON INTL (CYWG)	AERODROME	49.91	97.24	18.839	10.17
STARBUCK (CKJ7)	AERODROME	49.706	97.68	20.946	11.31
WINNIPEG (HEALTH SCIENCES CENTRE) (CWH7)	HELIPORT	49.904	97.156	22.872	12.35

## Weather Information for Mission Day

Summary: Partly cloudy throughout the day with early morning snow.

Condition	Temperature	Feels Like	Precipitation	Visibility	Cloud Coverage	Wind Speed	Humidity
Snow, Partially cloudy	7.2 Celsius	12.6 Celsius	100.0 %	12.4 Km	85.5 %	28.4 kph	86.9 %

# Canadian Aviation Regulations

## Division III — General Operating and Flight Rules

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

### Visual Line-of-sight

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

### Procedures

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

### Site Survey

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

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

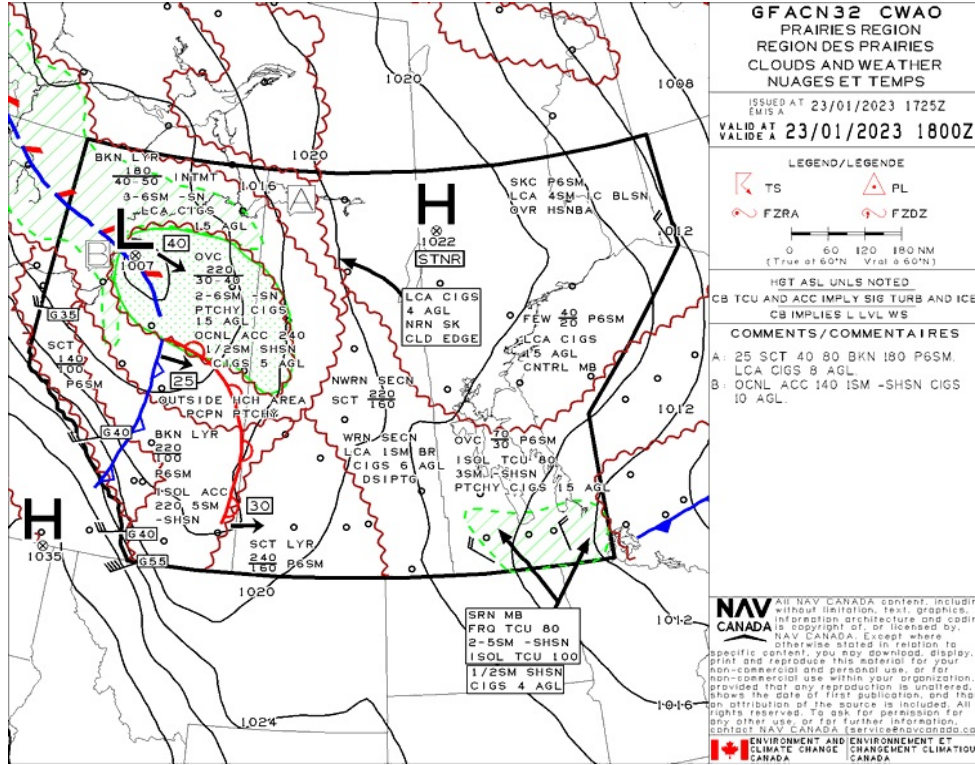
### Operations at or in the Vicinity of an Aerodrome, Airport or Heliport

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

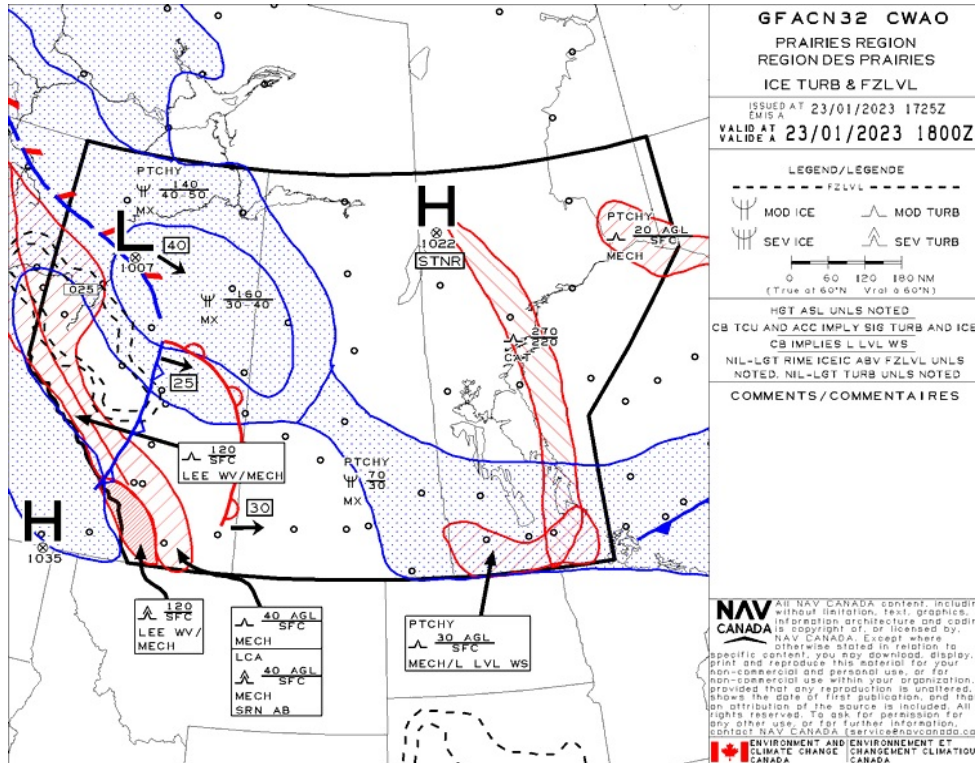
### Records

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

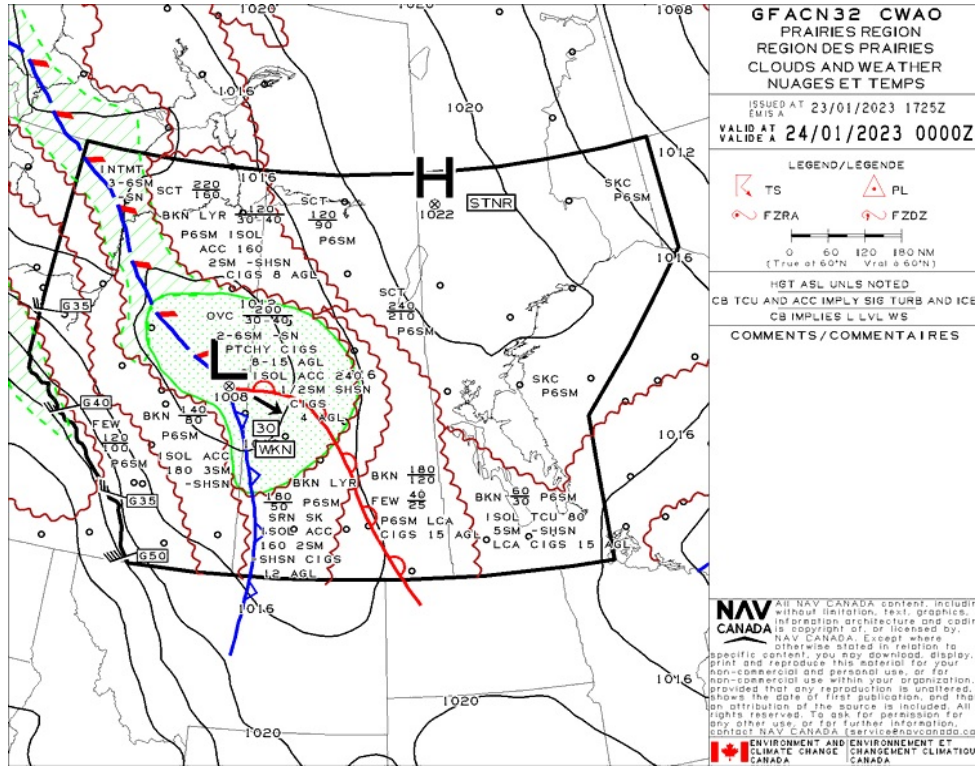
## GFA Issue time + 00 hr - CLOUDS AND WEATHER



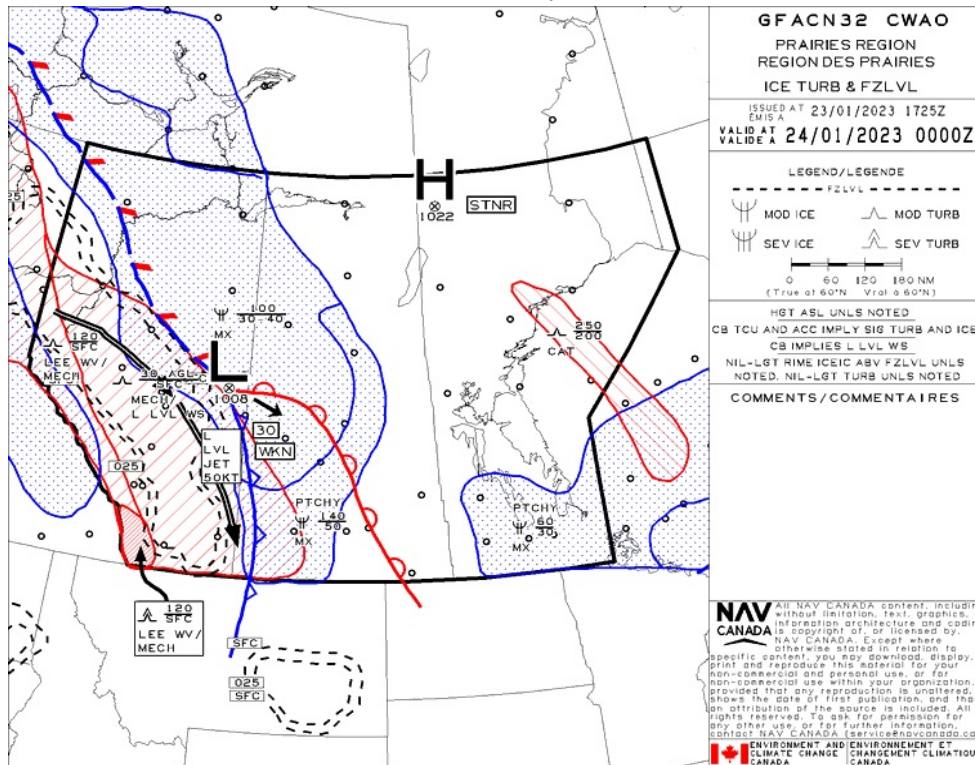
## GFA Issue time + 00 hr - TURBULENCE, ICING AND FREEZING LEVEL



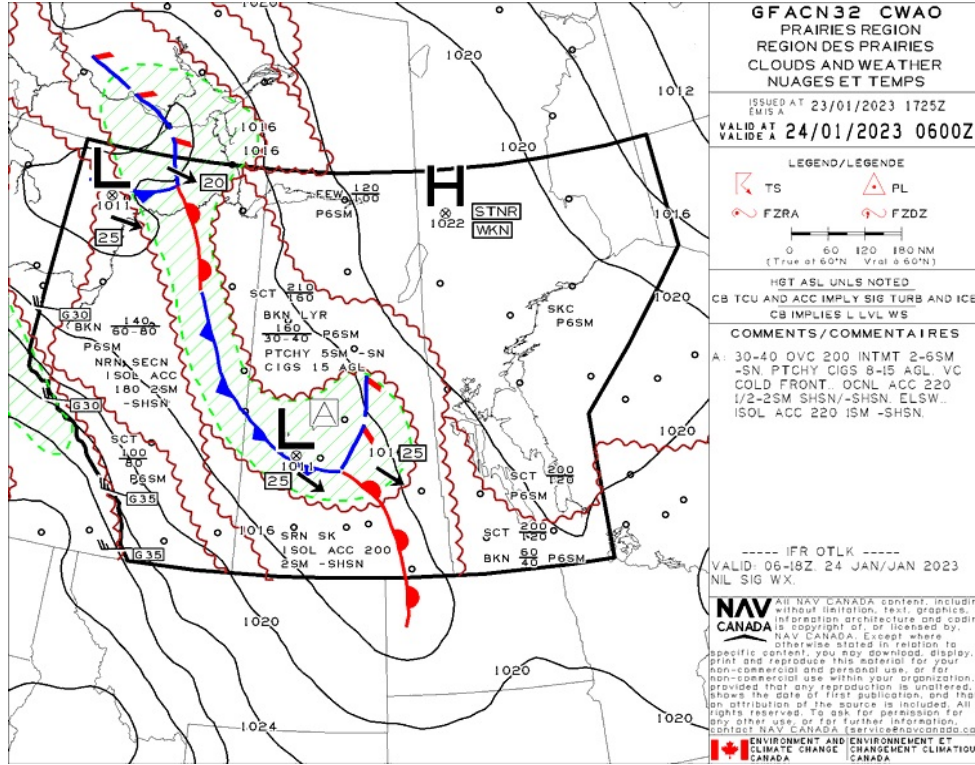
## GFA Issue time + 06 hr - CLOUDS AND WEATHER



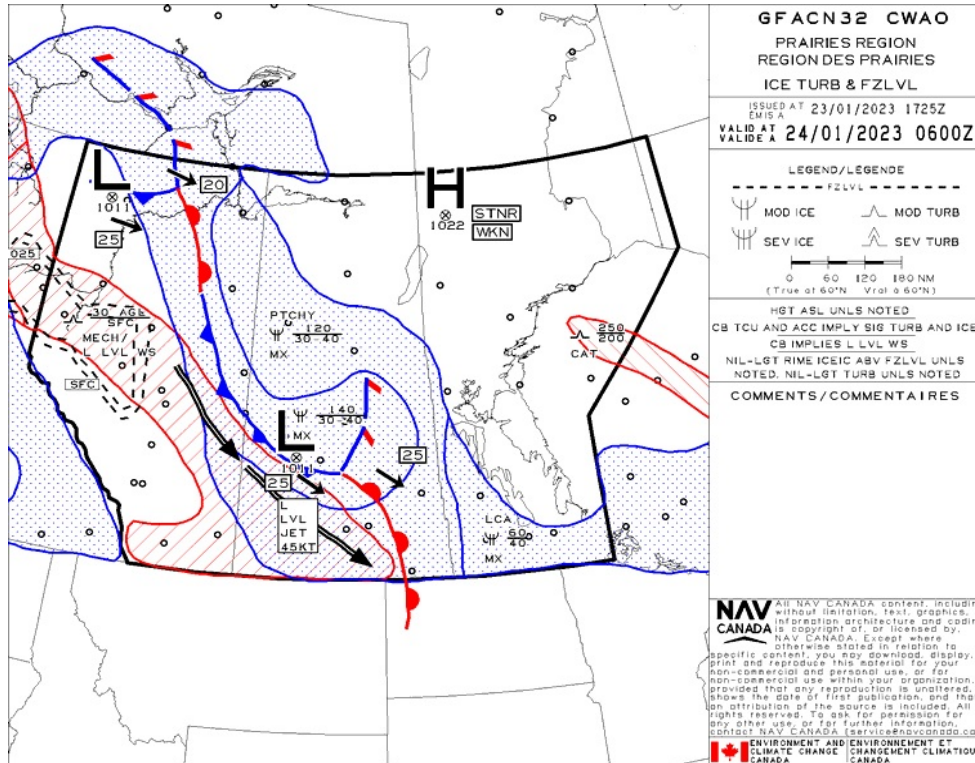
## GFA Issue time + 06 hr - TURBULENCE, ICING AND FREEZING LEVEL



## GFA Issue time + 12 hr - CLOUDS AND WEATHER



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







## ST. FRANCOIS XAVIER - CKA8 - Reg

### NOTAM

(G0033/23 NOTAMR G2417/22  
Q) CZXX/QOECH/IV/NB0/E/000/999/5518N09358W999  
A) CZWG CZYZ B) 2301111838 C) 2304121800EST  
E) A ACFT, REGARDLESS OF THE STATE OF REGISTRY, DIRECT Y OR  
INDIRECT Y OWNED, CHARTERED, EASED, OPERATED OR OTHERWISE  
CONTROLLED BY A PERSON CONNECTED WITH EITHER THE RUSSIAN  
FEDERATION OR OF BEARUS OR BY A CORPORATION OR ENTITY THAT IS  
INCORPORATED OR FORMED UNDER THE LAWS OF THE RUSSIAN FEDERATION  
OR BEARUS, AND A OPERATORS HOLDING AN AIR OPERATOR CERTIFICATE  
(AOC) ISSUED BY RUSSIAN FEDERATION AND/OR BEARUSIAN AUTHORITIES  
ARE PROHIBITED TO ENTER, EXIT OR OVERFLY CANADA'S TERRITORIA  
AIRSPACE (INCLUDING FT 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 FT 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 CR  
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.)

(G0067/23 NOTAMR G0065/23  
Q) CZXX/QXXX/I/NB0/W/000/999/5245N09040W999  
A) CZYZ CZWG B) 2301181712 C) 2301260901  
E) AIRSPACE SECURITY WARNING ISSUED BY THE DEPARTMENT OF TRANSPORT  
IN RESPONSE TO THE SECURITY SITUATION IN NORTH KOREA. CANADIAN  
AIR OPERATORS AND OWNERS OF AIRCRAFT REGISTERED IN CANADA ARE  
ADVISED NOT TO ENTER THE PYONGYANG FIR (ZKKP), DUE TO POTENTIAL  
RISK TO AVIATION FROM BALLISTIC MISSILE LAUNCHES WITHOUT PRIOR  
NOTICE. THIS NOTAM SUPERSEDES THE RESTRICTIONS CONCERNING NORTH  
KOREA ISSUED IN AIC 35/22.)

(U0054/23 NOTAMN  
Q) CZWG/QOAS/IV/M/AE/000/011/4953N09739W005  
A) CXXX B) 2301072000 C) 2303072000  
E) CKA8 ST. FRANCOIS XAVIER  
OBSTACLE TOWER 495302N 0973832W (APRX 4.4NM SW AD) 230FT AG ,  
1019FT AMS .)



# Flight Plan & Site Survey

JAMES ARMSTRONG RICHARDSON INTL - CYWG - DND

## METAR

METAR CYWG 232100Z 01011KT 15SM SCT020 BKN055 M08/M12 A2993 RMK SC3SC4 SLP155=		
<b>METAR</b>	<b>LOCATION</b> CYWG - WINNIPEG/JAMES ARMSTRONG RICHARDSON	<b>DATE - TIME</b> 23 JANUARY 2023 - 2100 UTC
<b>WIND</b> 10 TRUE @ 11 KNOTS	<b>VISIBILITY</b> 15 STAT. MILES	<b>RUNWAY VISUAL RANGE</b>
<b>WEATHER</b>	<b>CLOUDINESS</b> SCATTERED CLOUDS (3/8 - 4/8) 2000 FT BROKEN CLOUDS (5/8 - 7/8) 5500 FT	<b>TEMP / DEWPOINT</b> -8 C / -12 C
<b>ALTIMETER</b> 29.93 IN HG	<b>RECENT WEATHER</b>	<b>WIND SHEAR</b>

METAR CYWG 232000Z 36011KT 15SM DRSN SCT020 OVC060 M08/M11 A2992 RMK SC3SC5 SLP 0=		
<b>METAR</b>	<b>LOCATION</b> CYWG - WINNIPEG/JAMES ARMSTRONG RICHARDSON	<b>DATE - TIME</b> 23 JANUARY 2023 - 2000 UTC
<b>WIND</b> 360 TRUE @ 11 KNOTS	<b>VISIBILITY</b> 15 STAT. MILES	<b>RUNWAY VISUAL RANGE</b>
<b>WEATHER</b> DRIFTING SNOW	<b>CLOUDINESS</b> SCATTERED CLOUDS (3/8 - 4/8) 2000 FT OVERCAST 6000 FT	<b>TEMP / DEWPOINT</b> -8 C / -11 C
<b>ALTIMETER</b> 29.92 IN HG	<b>RECENT WEATHER</b>	<b>WIND SHEAR</b>

METAR CYWG 231900Z 01015KT 6SM -SN DRSN FEW008 BKN017 OVC033 M08/M11 A2991 RMK 2SC5SC1 SLP147=		
<b>METAR</b>	<b>LOCATION</b> CYWG - WINNIPEG/JAMES ARMSTRONG RICHARDSON	<b>DATE - TIME</b> 23 JANUARY 2023 - 1900 UTC
<b>WIND</b> 10 TRUE @ 15 KNOTS	<b>VISIBILITY</b> 6 STAT. MILES	<b>RUNWAY VISUAL RANGE</b>
<b>WEATHER</b> LIGHT SNOW DRIFTING SNOW	<b>CLOUDINESS</b> FEW CLOUDS (1/8 - 2/8) 800 FT BROKEN CLOUDS (5/8 - 7/8) 1700 FT	<b>TEMP / DEWPOINT</b> -8 C / -11 C

	OVERCAST 3300 FT	
ALTIMETER 29.91 IN HG	RECENT WEATHER	WIND SHEAR

## NOTAM

(D0158/23 NOTAMR D0053/23  
Q) CZWG/QQBCE/IV/M/AE/000/012/4953N09709W005  
A) CYWG B) 2301231438 C) 2302071800EST  
E) CRANE 495329N 0970843W (APRX 3.8NM ESE AD). 424FT AG 1186FT AMS . GTD, NOT PAINTED.)

(U0109/23 NOTAMR U1573/22  
Q) CZWG/QO AS/IV/M/AE/000/010/4954N09711W005  
A) CYWG B) 2301200908 C) 2303191300  
E) OBST GT U/S TOWER 495423N 0971120W (APRX 1.99NM E AD) 155FT AG , 921FT AMS .)

(D0063/23 NOTAMR  
Q) CZWG/QQBCE/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.)

(G2894/22 NOTAMR G2770/22  
Q) CZWG/QNTAS/IV/B0/AE/000/999/4956N09714W005  
A) CYWG B) 2212301638 C) 2302032359  
E) WINNIPEG TACAN YWG 115.5MHZ/CH102X U/S)

(G0033/23 NOTAMR G2417/22  
Q) CZXX/QOEC/IV/NBO/E/000/999/5518N09358W999  
A) CZWG CZY B) 230111838 C) 2304121800EST  
E) A ACFT, REGARD ESS OF THE STATE OF REGISTRY, DIRECT Y OR INDIRECT Y OWNED, CHARTERED, EASED, OPERATED OR OTHERWISE CONTROL 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 (INCL 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 EMAIL AT OPERATIONS.AVIATION(AT)TC.GC.CA.)

(G0067/23 NOTAMR G0065/23  
Q) CZXX/QXXX/I/NBO/W/000/999/5245N09040W999  
A) CZY CZW B) 2301181712 C) 2301260901  
E) AIRSPACE SECURITY WARNING ISSUED BY THE DEPARTMENT OF TRANSPORT IN RESPONSE TO THE SECURITY SITUATION IN NORTH KOREA. CANADIAN AIR OPERATORS AND OWNERS OF AIRCRAFT REGISTERED IN CANADA ARE ADVISED NOT TO ENTER THE PYONGYANG FIR (ZKKP), DUE TO POTENTIAL RISK TO AVIATION FROM BALISTIC MISSILE LAUNCHES WITHOUT PRIOR NOTICE. THIS NOTAM SUPERSEDES THE RESTRICTIONS CONCERNING NORTH KOREA ISSUED IN AIC 35/22.)

(U1706/22 NOTAMR U1525/22  
Q) CZWG/QO AS/IV/M/AE/000/010/4955N09711W005  
A) CYWG B) 2212160704 C) 2302161300  
E) OBST GT U/S TOWER 495514N 0971103W (APRX 2.2NM ENE AD) 149FT AG , 921FT AMS .)

(U1705/22 NOTAMR U1524/22  
Q) CZWG/QO AS/IV/M/AE/000/010/4956N09713W005  
A) CYWG B) 2212160703 C) 2302161300  
E) OBST GT U/S TOWER 495618N 0971316W (APRX 1.86NM NNE AD) 144FT AG , 920FT AMS .)

(S4601/23 NOTAMR S4591/23  
Q) CZWG/QFAXX/IV/NBO/A/000/999/4955N09714W005  
A) CYWG B) 2301231808 C) 2301240208  
E) RSC 13 5/5/5 60 PCT 1/8IN DRY SNOW, 60 PCT 1/8IN DRY SNOW, 60 PCT 1/8IN DRY SNOW. 140FT WIDTH. REMAINING WIDTH 1IN DRY SNOW. VA ID JAN 23 1801 - JAN 24 0201.

RSC 31 5/5/5 60 PCT 1/8IN DRY SNOW, 60 PCT 1/8IN DRY SNOW, 60 PCT 1/8IN DRY SNOW. 140FT WIDTH. REMAINING WIDTH 1IN DRY SNOW. VA ID JAN 23 1801 - JAN 24 0201.

RSC 18 5/5/5 40 PCT 1/8IN DRY SNOW, 40 PCT 1/8IN DRY SNOW, 40 PCT 1/8IN DRY SNOW. 140FT WIDTH. REMAINING WIDTH 1IN DRY SNOW. VA ID JAN 23 1759 - JAN 24 0159.

RSC 36 5/5/5 40 PCT 1/8IN DRY SNOW, 40 PCT 1/8IN DRY SNOW, 40 PCT 1/8IN DRY SNOW. 140FT WIDTH. REMAINING WIDTH 1IN DRY SNOW. VA ID JAN 23 1759 - JAN 24 0159.

ADDN NON-GRF/TA PA INFO:

RMK: TWY TWY A PHA, BRAVO, CHAR IE, ECHO, FOXTROT, GO F, HOTE , KI 0, IMA, PAPA, QUEBEC, SIERRA, TANGO, VICTOR, WHISKEY, 202301231759, DRY SNOW, 1/4IN. SNIPPERY CONDITIONS ON TAXIWAYS.  
RMK: APN APN APRON I, APRON II, APRON IV, APRON IX, APRON V, APRON VII, APRON VII A PHA, APRON VIII, APRON X, APRON XII, CDF, 202301231800, DRY SNOW, 3/4IN. SCATTERED COMPACTED SNOW. PAVEMENT MARKINGS OBSCURED.)

(D2811/22 NOTAMR D1678/22  
Q) CZWG/QPICH/I/NBO/A/000/999/4955N09714W005  
A) CYWG B) 2210251213 C) 2301241800EST  
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)



STARBUCK - CKJ7 - Reg

## NOTAM

(G0033/23 NOTAMR G2417/22  
Q) CZXX/QOECH/IV/NB0/E/000/999/5518N09358W999  
A) CZWG CZYZ B) 2301111838 C) 2304121800EST  
E) A ACFT, REGARDLESS OF THE STATE OF REGISTRY, 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 A 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 F T WITHIN 12NM OF CANADA'S COASTS).  
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(G0067/23 NOTAMR G0065/23  
Q) CZXX/QXXXX/I/NB0/W/000/999/5245N09040W999  
A) CZYZ CZWG B) 2301181712 C) 2301260901  
E) AIRSPACE SECURITY WARNING ISSUED BY THE DEPARTMENT OF TRANSPORT  
IN RESPONSE TO THE SECURITY SITUATION IN NORTH KOREA. CANADIAN  
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ADVISED NOT TO ENTER THE PYONGYANG FIR (ZKPP), DUE TO POTENTIAL  
RISK TO AVIATION FROM BALLISTIC MISSILE LAUNCHES WITHOUT PRIOR  
NOTICE. THIS NOTAM SUPERSEDES THE RESTRICTIONS CONCERNING NORTH  
KOREA ISSUED IN AIC 35/22.)

## WINNIPEG (HEALTH SCIENCES CENTRE) - CWH7 - Cert

### NOTAM

(U0109/23 NOTAMR U1573/22  
 Q) CZWG/Q0 AS/IV/M/AE/000/010/4954N09711W005  
 A) CYWG B) 2301200908 C) 2303191300  
 E) OBST GT U/S TOWER 495423N 0971120W (APRX 1.99NM E AD) 155FT AG , 921FT AMS .)

(D0063/23 NOTAMN  
 Q) CZWG/Q0BCE/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.)

(G2894/22 NOTAMR G2770/22  
 Q) CZWG/QNTAS/IV/BO/AE/000/999/4956N09714W005  
 A) CYWG B) 2212301638 C) 2302032359  
 E) WINNIPEG TACAN YWG 115.5MHZ/CH102X U/S)

(G0033/23 NOTAMR G2417/22  
 Q) CZXX/Q0ECH/IV/NBO/E/000/999/5518N09358W999  
 A) CZWG C ZY 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 CONTROL 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.)

(G0067/23 NOTAMR G0065/23  
 Q) CZXX/Q0XXX/I/NBO/W/000/999/5245N09040W999  
 A) C ZY B) CZWG B) 2301181712 C) 2301260901  
 E) AIRSPACE SECURITY WARNING ISSUED BY THE DEPARTMENT OF TRANSPORT IN RESPONSE TO THE SECURITY SITUATION IN NORTH KOREA. CANADIAN AIR OPERATORS AND OWNERS OF AIRCRAFT REGISTERED IN CANADA ARE ADVISED NOT TO ENTER THE PYONGYANG FIR (ZKPP), DUE TO POTENTIAL RISK TO AVIATION FROM BA ISTIC MISSI E AUNCHES WITHOUT PRIOR NOTICE. THIS NOTAM SUPERSEDES THE RESTRICTIONS CONCERNING NORTH KOREA ISSUED IN AIC 35/22.)

(U1706/22 NOTAMR U1525/22  
 Q) CZWG/Q0 AS/IV/M/AE/000/010/4955N09711W005  
 A) CYWG B) 2212160704 C) 2302161300  
 E) OBST GT U/S TOWER 495514N 0971103W (APRX 2.2NM ENE AD) 149FT AG , 921FT AMS .)

(U1705/22 NOTAMR U1524/22  
 Q) CZWG/Q0 AS/IV/M/AE/000/010/4956N09713W005  
 A) CYWG B) 2212160703 C) 2302161300  
 E) OBST GT U/S TOWER 495618N 0971316W (APRX 1.86NM NNE AD) 144FT AG , 920FT AMS .)

(D2811/22 NOTAMR D1678/22  
 Q) CZWG/QPICH/I/NBO/A/000/999/4955N09714W005  
 A) CYWG B) 2210251213 C) 2301241800EST  
 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)

(D0158/23 NOTAMR D0053/23  
 Q) CZWG/Q0BCE/IV/M/AE/000/012/4953N09709W005  
 A) CYWG B) 2301231438 C) 2302071800EST  
 E) CRANE 495329N 0970843W (APRX 3.8NM ESE AD). 424FT AG 1186FT AMS . GTD, NOT PAINTED.)

## MANITOBA

## AERODROME / FACILITY DIRECTORY

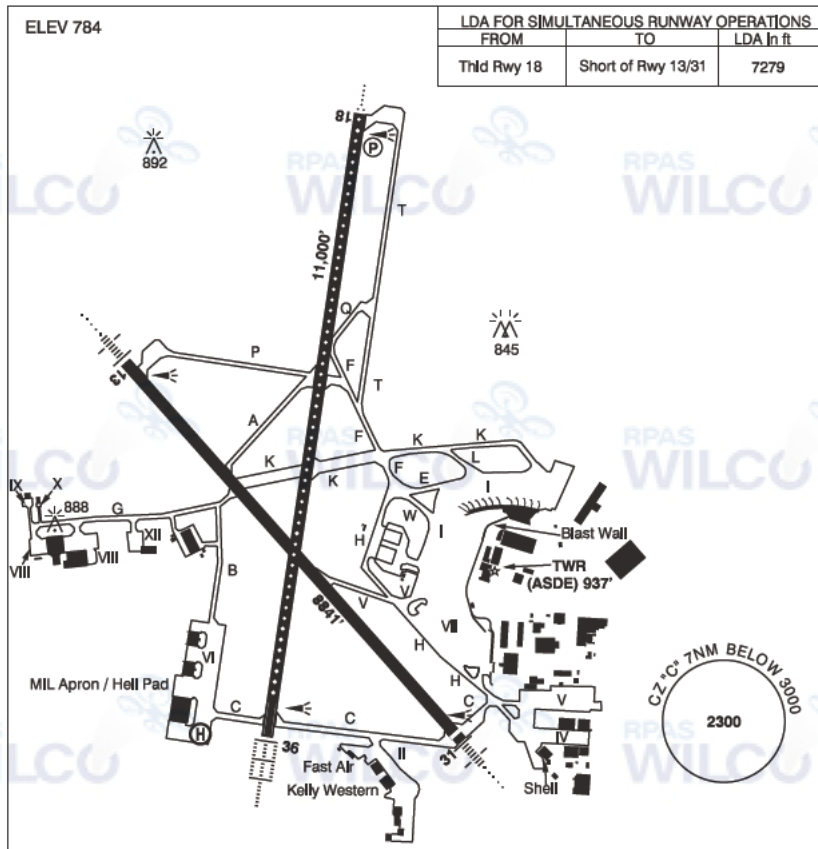
## ST. FRANÇOIS XAVIER MB

CKA8

<b>REF</b>	N49 55 28 W97 32 56 Adj W 5°E UTC-6(5) Elev 798' VTA A5007	
<b>OPR</b>	Mr. Marinus Vandelaar 204-864-2956/ 204-955-0870 Reg	
<b>PF</b>	B-1 D-2,3,4,5,6	
<b>FLT PLN</b>	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. <b>FIC</b> Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	
<b>SERVICES</b>		
<b>FUEL</b>	100LL	
<b>OIL</b>	All	
<b>S</b>	2,3,4,5,6	
<b>RWY DATA</b>	Rwy 01(011°)/19(191°) 3000x90 turf/earth/gravel	
<b>RCR</b>	Opr	
<b>COMM</b>		
<b>ATF</b>	ftc 122.8 3NM BLW 3000 ASL excluding airspace within Winnipeg TCA	
<b>PRO</b>	Rgt hand circuits Rwy 19 (CAR 602.96). 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.	
<b>CAUTION</b>	Ocsl para jumps by 435 Sqn 15-21Z± Mon-Fri, May 1-Nov 30. Max alt 3000 ASL. Drop zone 1.5NM radius N49 52 42 W97 29 48 (3.4NM SE A/D) at Beaudry Provincial Park.	

WINNIPEG / JAMES ARMSTRONG RICHARDSON INTL MB

CYWG



LDA FOR SIMULTANEOUS RUNWAY OPERATIONS		
FROM	TO	LDA In ft
Thrd Rwy 18	Short of Rwy 13/31	7279

<b>REF</b>	N49 54 36 W97 14 24 Adj W 3°E (2014) UTC-6(5) Elev 784' VTA A5007 LO4 HI4 T1 CAP OC
<b>OPR</b>	Winnipeg Airports Authority 204-987-9798, DND Ops 877-283-6827 H24 Cert Ldg fees
<b>PF</b>	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.
<b>CUST</b>	AOE 888-226-7277
<b>FLT PLN</b>	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. <b>FIG</b> Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) (file 30 min prior ETD, see PRO) <b>ACC</b> 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. <b>WX</b> 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) <b>DUAT</b> Fast Air; Kelly Western; Shell Aviation Winnipeg



## MANITOBA

## AERODROME / FACILITY DIRECTORY

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

CYWG

## SERVICES

<b>FUEL</b>	100LL, F-34, JA-1 FSII (avbl), HPR
<b>OIL</b>	All (Mil 123, 128, 133, 148, 156)
<b>S</b>	1,2,3,4,5,6
<b>ARFF</b>	DESIGNATED CAT 7 (CAT 8 avbl with prior arrangement, ctc WAA 204-987-9798) Discrete emerg freq 122.675
<b>SUP FL</b>	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.
<b>JASU</b>	CE12, 13, 14, 16, CA2, CEA1
<b>MIL ADV</b>	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 LOX, Nitrogen avbl PN via NOVA msg only. 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.
<b>PVT ADV</b>	Fast Air 123.0 204-831-7714; Kelly Western 122.85 204-948-9500; Shell Aviation Winnipeg 123.35 204-956-6172
<b>MIL CON</b>	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 ctl 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

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

## MANITOBA

## AERODROME / FACILITY DIRECTORY

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

CYWG

## NAV

## NDB

WG 248 (M) N49 53 57 W97 20 57  
 STONEY ZWG 287 (L) N49 59 21 W97 13 11  
 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  
 LA SALLE LF 336 (L) N49 38 33 W97 18 00  
 BALMORAL BM 375 (L) N50 08 14 W97 18 35

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.**

## MANITOBA

## AERODROME / FACILITY DIRECTORY

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

<b>PRO (Cont'd)</b>	4. Once de-icing is complete, acft will be instructed to ctc WINNIPEG GND for taxi clnc. <b>DO NOT ENTER TWY H WITHOUT ATC CLEARANCE. MINIMUM BREAKAWAY THRUST MUST BE USED.</b>
<b>NOISE</b>	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.
<b>HELI</b>	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.
<b>MIL</b>	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.
<b>CAUTION</b>	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.

## MANITOBA

## AERODROME/FACILITY DIRECTORY

## STARBUCK MB

CKJ7

<b>REF</b>	N49 42 22 W97 40 50 4SW 4°E (2015) UTC-6(5) Elev 785' VTA A5007	
<b>OPR</b>	Winnipeg Gliding Club 204-735-2868 Reg	
<b>PF</b>	C-1,2,5 D-3,4,6	
<b>FLT PLN</b>	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.	
<b>FIC</b>	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	
<b>RWY DATA</b>	Rwy 09(087°)/27(267°) 1900x125 turf Rwy 13(130°)/31(310°) 3000x275 turf Rwy 18(177°)/36(357°) 2550x200 turf	
<b>RCR</b>	Opr No win maint. Rws ruf, soft when wet.	
<b>COMM</b>		
<b>ATF</b>	ffc 123.4 5NM 2800 ASL	
<b>PRO</b>	Gliders fly left hand circuits. Powered acft fly rgt hand circuits (CAR 602.96). 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.	

## MANITOBA

## AERODROME/FACILITY DIRECTORY

## WINNIPEG (HEALTH SCIENCES CENTRE) MB (Heli)

CWH7

<b>REF</b>	N49 54 15 W97 09 23 Adj WNW 3°E (2016) UTC-6(5) Elev 880' VTA A5007	
<b>OPR</b>	Winnipeg Regional Health Authority 204-787-2735 Cert NVG Compliant PPR	
<b>PF</b>	A-1,2,3,4 C-5,6,7,8	
<b>FL PLN</b>	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)	
<b>FIC</b>		
<b>HELI DATA</b>	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	
<b>RCR</b>		
<b>LIGHTING</b>	RY (LO) green	
<b>COMM</b>		
<b>TWR</b>	Winnipeg 118 3	
<b>PRO</b>	Arr/dep 335° to 194° fr heli (H1), day/night use.	
<b>CAUTION</b>	Elevator vestibule W of pad	