



Flight Plan & Site Survey

Created using **RPAS Wilco**®

Reference No:	3AD69D
Title:	WRCC 2024
Pilot Name:	[REDACTED]
Pilot Certificate:	[REDACTED]
Flight Start:	May 7, 2024 11:28 AM
Flight End:	May 7, 2024 1:28 PM
Flight Area (Latitude):	49° 47' 40.20" N (49.794)
Flight Area (Longitude):	97° 5' 38.70" W (-97.094)
Altitude - Radius:	Alt: 500 ft - Rad: 926.0 m (0.5 nm)
Classification:	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



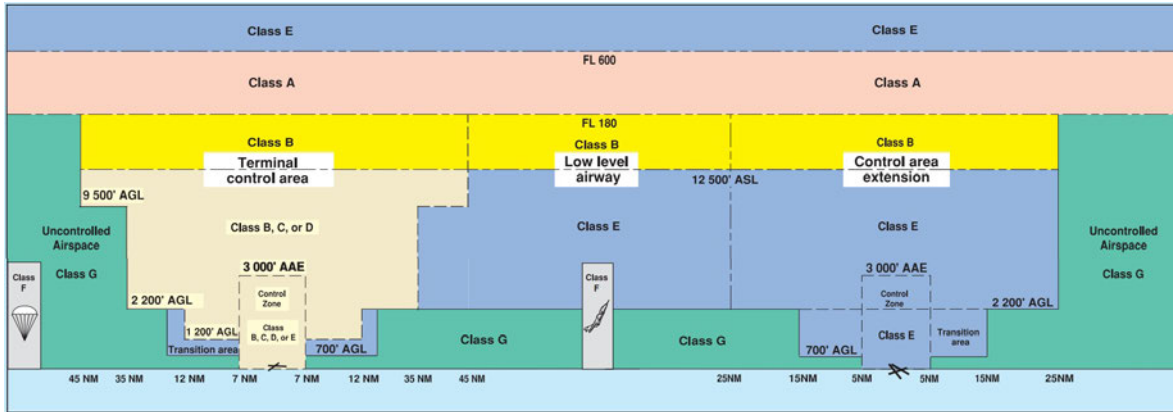
RPAS Specification

- **Manufacturer:**
MAAC
- **Model:**
MODEL AIRPLANE
- **Registration Number:**
[REDACTED]
- **Eligible for advanced operations:**
Yes
- **Manufacturer RPAS safety assurance:**
 - **Controlled Airspace:** YES
 - **Near People:** NO
 - **Over People:** NO

MAP Details

	Latitude	Longitude
 MODEL	49° 47' 40.20" N (49.794)	97° 5' 38.70" W (-97.094)
 Pilot Randall Hepner	49° 47' 43.80" N (49.7955)	97° 5' 42.30" W (-97.0951)

Airspace Classification



Overlying Airspaces

Class	Name	Floor	Ceiling
B	Winnipeg, MB CAE	12500MSL	18000MSL
E	Winnipeg, MB CAE	7000MSL	12500MSL
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
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

Nearest Aerodromes & Distance from Operation

LYNCREST (CJL5 - AERODROME - Reg)	Lat: 49.852	Long: -96.974	10.728KM 5.79NM	NE
WINNIPEG (CITY OF WINNIPEG) (CWG2 - HELIPORT - Cert)	Lat: 49.9	Long: -97.096	11.732KM 6.33NM	N
JAMES ARMSTRONG RICHARDSON INTL (CYWG - AERODROME - DND)	Lat: 49.91	Long: -97.24	16.565KM 8.94NM	NW
WINNIPEG (HEALTH SCIENCES CENTRE) (CWH7 - HELIPORT - Cert)	Lat: 49.904	Long: -97.156	12.96KM 7.0NM	N
ST. ANDREWS (CYAV - AERODROME/HELIPORT - Cert)	Lat: 50.056	Long: -97.032	29.415KM 15.88NM	N

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	tfc 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 retention ponds E of aprt dep Rwy 09, ldg Rwy 27 if cond permit.	

MANITOBA

AERODROME/FACILITY DIRECTORY

WINNIPEG (CITY OF WINNIPEG) MB (Heli)

CWG2

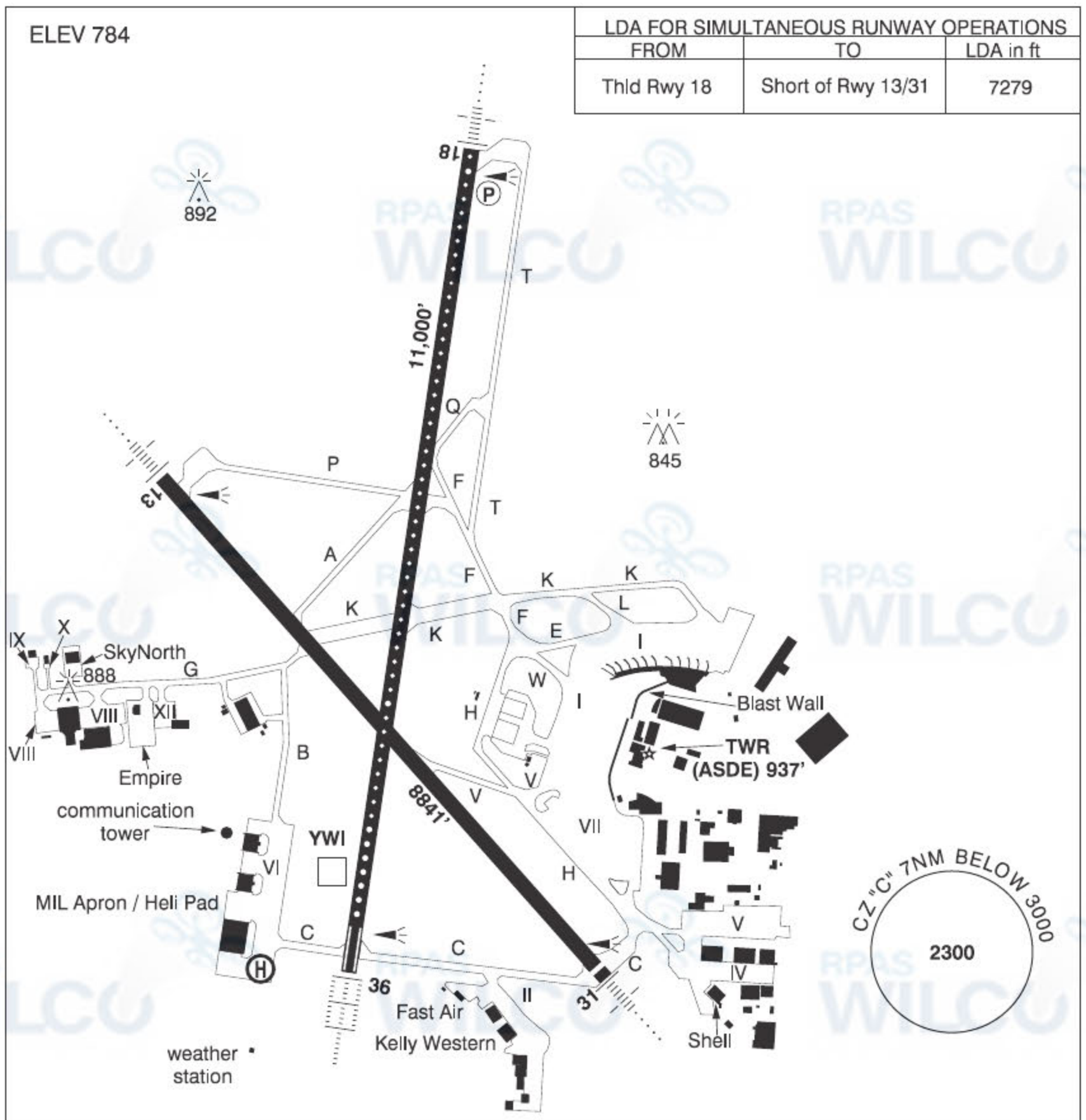
REF	N49 54 01 W97 05 44 4°E UTC-6(5) Elev 767' VTA A5007	
OPR	City of Winnipeg 204-986-4869 204-470-7800 Cert PPR	
PF	B-1 C-2,3 D-4,5,6	
FLT PLN FIC	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone. Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within 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 rqr'd 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.	

MANITOBA

AERODROME/FACILITY DIRECTORY

WINNIPEG / JAMES ARMSTRONG RICHARDSON INTL MB

CYWG



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

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.
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.
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

MANITOBA

AERODROME/FACILITY DIRECTORY

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 rqrd 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 rqrd. Apron Empire, SkyNorth: Pvt
RCR	Opr CRFI, PLR/PCN
LIGHTING	13-AN(TE HI), 31-AN(TE HI), 18-AN(TE HI CL) P2, 36-AL(TE HI TDZL)
COMM	
RCO	Edmonton rdo 123.25 (FISE) 126.7 (bcst)
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

MANITOBA

AERODROME/FACILITY DIRECTORY

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

CYWG

NAV

VORTAC YWG 115.5 Ch 102 N49 55 40 W97 14 21 (820')
DME YWI 116.7 Ch 114 N49 53 54 W97 14 35 (801')
ILS 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 flt plan, flt 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 118' 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

PRO (Cont'd)	4. Once de-icing is complete, acft will be instructed to ctc WINNIPEG GND for taxi clnc. 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† 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† from hotel roof at N49 49 19 W97 09 10 (aprx 5.3NM SE thld Rwy 31). Beams projecting upward. Hi ints lgt may create tempo effects to vision.

MANITOBA

AERODROME/FACILITY DIRECTORY

WINNIPEG (HEALTH SCIENCES CENTRE) MB (Heli)

CWH7

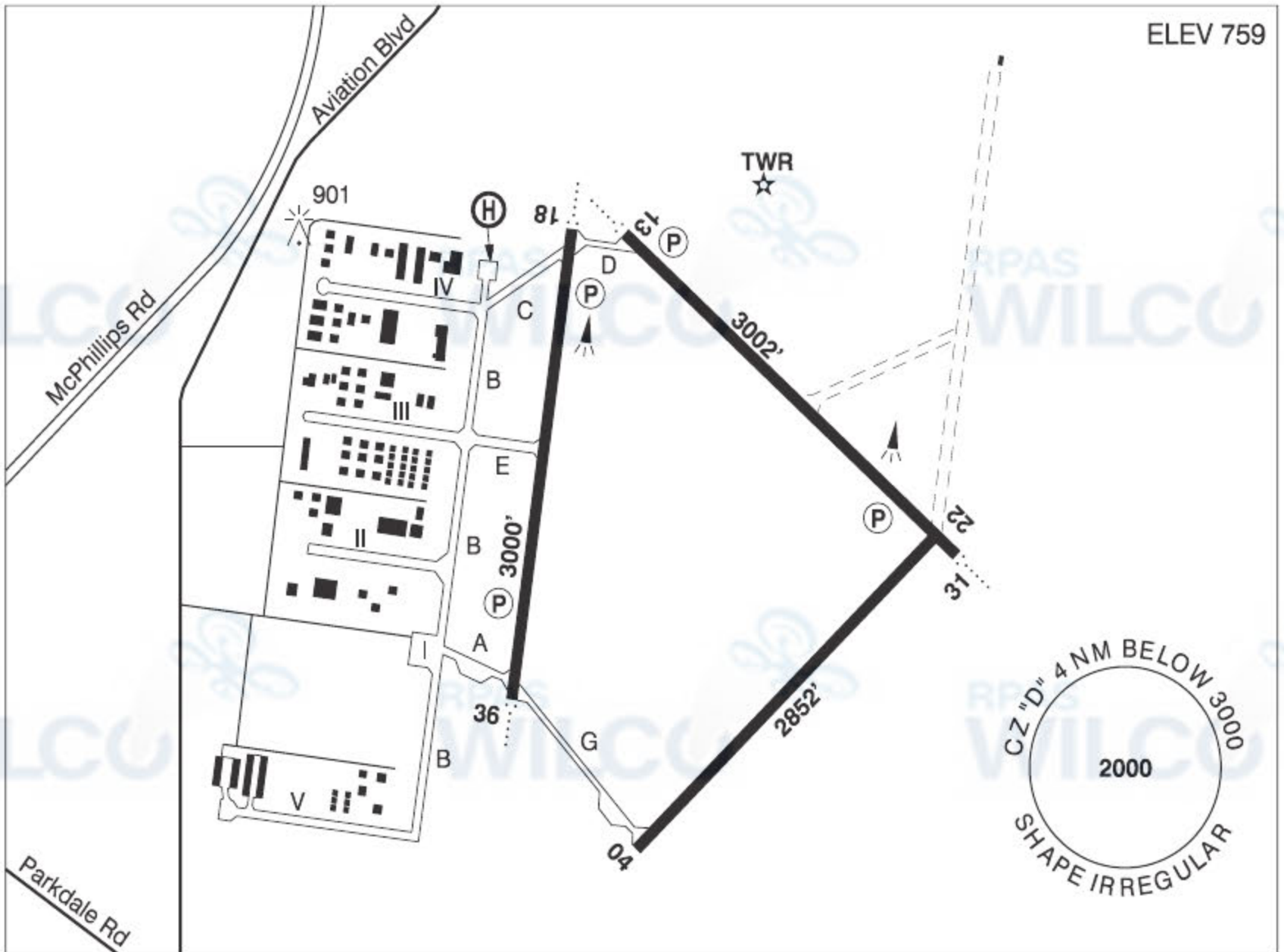
REF	N49 54 15 W97 09 23 Adj WNW 3°E (2016) UTC-6(5) Elev 880' VTA A5007	
OPR	Winnipeg Regional Health Authority 204-787-2735 Cert NVG Compliant PPR	
PF	A-1,2,3,4 C-5,6,7,8	
FL PLN	Pilots to open/close VFR flt plan with Edmonton rdo, FISE or by phone.	
FIC	Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA)	
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'	
RCR	Opr 204-787-1244	
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	

MANITOBA

AERODROME/FACILITY DIRECTORY

WINNIPEG / ST. ANDREWS MB

CYAV



REF	N50 03 23 W97 01 57 10NNE 4°E UTC-6(5) Elev 759' VTA A5007 LO4 T1 CAP
OPR	St. Andrews Aprt Inc 204-336-3250 1300-2130Z‡ Nov-Mar exc hols, 1300-2130Z‡ Mon-Fri Apr-Oct exc hols Cert
PF	B-1,2,5 D-3,4,6
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.
WX	LWIS H24 LAWO 13-04Z‡
SERVICES	
FUEL	100LL, JA-1
OIL	All
S	1,2,3,4,5,6
PVT ADV	Winnipeg Aviation 204-338-7923 13-01Z Mon-Thu, 13-22Z Fri-Sat, 16-22Z Sun, Apr-Oct exc hols; 14-24Z Mon-Thu, 14-23Z Fri-Sat, 17-23Z Sun, Nov-Mar exc hols; O/T call out chg will apply. Harv's Air Service 204-339-6186 14-01Z‡ Mon-Sat, 17-01Z‡ Sun. Fly 4 Fun 204-997-9435. Credit cards accepted.

MANITOBA

AERODROME/FACILITY DIRECTORY

WINNIPEG / ST. ANDREWS MB (Cont'd)

CYAV

RWY DATA	Rwy 13(129°)/31(309°) 3002x75 ASPH Rwy 18(184°)/36(004°) 3000x75 ASPH Rwy 04(041°)/22(221°) 2852x75 ASPH
RWY CERT	Rwy 13/31 AGN II Rwy 18/36 AGN II Rwy 04/22 AGN II
TWY CERT	Twy: A, C, D, E, G AGN I Twy B: AGN II S of Aprn I & AGN I fr Aprn IV to Aprn I
RCR	Opr 1300-2130Z‡ Nov-Mar exc hols, 1300-2130Z‡ Mon-Fri Apr-Oct exc hols O/T call out chg. PLR/PCN
HELI DATA	FATO 82' dia ASPH TLOF 82' x 82' ASPH Safety Area 109' dia Max heli overall length 54.7'
LIGHTING	04-(TE ME), 22-(TE ME), 13-AO(TE ME) P2, 31-AO(TE ME) P2, 18-AO(TE ME) P2, 36-AO(TE ME) P2 ARCAL-118.5 type K Opr when TWR clsd. RY(ME) RF(FL) Helipad lgts not avbl on ARCAL.
COMM	ATIS 125.8 13-04Z‡ GND 121.8 13-04Z‡ TWR 118.5 (V) 13-04Z‡ (emerg only 204-983-0660) ATF tfc 118.5 04-13Z‡ 4NM below 3000 ASL ARR 119.9 DEP 119.9 VFR ADV 119.9
PRO	AIRPORT: Rgt hand circuits Rwy 04, 13, 18 (CAR 602.96). Circuit hgt 1600 ASL. Special VFR not avbl when TWR clsd. ATS REQUIREMENTS (All Acft): PPR for block airwork, photo flt or tng flt oprg in Winnipeg TCA, ctc Winnipeg ACC 204-984-5979 or fax 204-983-2823. When TWR clsd, clnc may be obtained from Winnipeg Tml at 204-983-4121. 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. Acft departing CYAV may ctc CYAV Tower to obtain a discrete transponder code. Set transponder to discrete code prior to ctc ATC. AIRSPACE: Refer to Winnipeg / St. Andrews VTPC for VFR arr/dep rtes & VFR corridor info to Winnipeg/James Armstrong Richardson Intl. Refer to VTA A1902 for greater chart detail. Transponder preferred but not required for flt within St. Andrews ctl zone. PREFERENTIAL RUNWAYS: ATC will designate rwys to align IFR arr and dep paths with those in use at Winnipeg/James Armstrong Richardson Intl (CYWG) based on the following conds: - Physical cond of sfc - Effective crosswind component not to exceed 15 kt - Effective tailwind component not to exceed 5 kt - Other safety considerations declared by the Captain of the acft. Use of other-than-designated rwys should only be requested to meet operational necessity. PPR for balloon flt in Winnipeg / St. Andrews CZ. Balloon flt remain min 4NM fr any rwy. Ctc opr for details. HELI Concurrent with safety & twr instructions helicopters are to hover taxi via rwys/twys to other posns on airport at slow speeds. Arr/dep 004° to 024° & 162° to 184° fr heli, slope 8% (H3), day/night use.
CAUTION	Extv bird & wildlife activity in vic of rwys.

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).