



# Flight Plan & Site Survey

Created using **RPAS Wilco®**

Operation Name:	Stetson Flyers
Pilot Name:	[REDACTED]
Pilot Certificate:	[REDACTED]
Flight Start:	January 23, 2023 12:32 AM
Flight End:	January 23, 2023 2:32 AM
Flight Area (Latitude):	45° 20' 3.00" N ( 45.334 )
Flight Area (Longitude):	75° 25' 15.20" W ( -75.421 )
Altitude - Radius:	Alt: 700 ft - Rad: 926.0 m ( 0.5 nm)
Airspace:	UNCONTROLLED
FIR - Contact:	CZUL - 506-867-7173
Weather:	-2.5 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

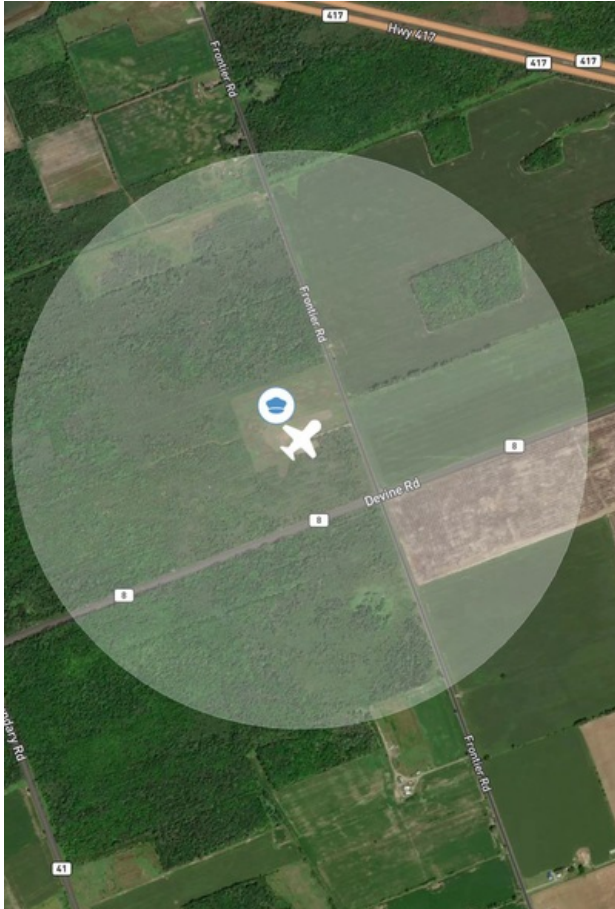
<https://rpaswilco.com/#/tnc>

## Included



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



## Flight Map

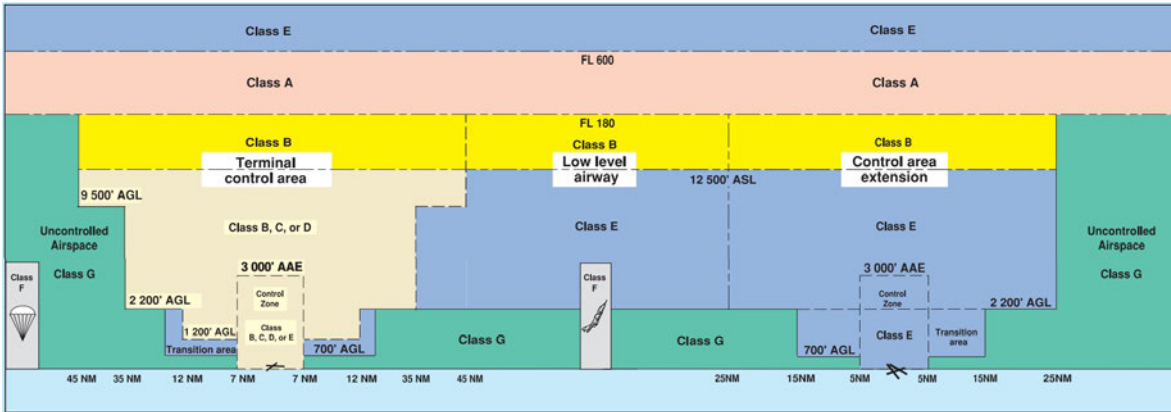


## MAP Details

	Latitude	Longitude
 <b>MODEL</b>	45° 20' 3.00" N ( 45.334 )	75° 25' 15.20" W ( -75.421 )
 <b>Pilot</b>	45° 20' 6.60" N ( 45.3352 )	75° 25' 18.80" W ( -75.4219 )



## Airspace Classification



## Overlying Airspaces

Class	Name	Floor	Ceiling
E	Montreal FIR CAE	6000MSL	12500MSL
B	Montreal FIR CAE	12500MSL	18000MSL
E	Ottawa, ON CAE	2500MSL	12500MSL
B	Ottawa, ON CAE	12500MSL	18000MSL
E	Ottawa XPNDR MANDTRY	6500MSL	12500MSL
B	Ottawa, ON TCA	12500MSL	18000MSL
C	Ottawa, ON TCA	5000MSL	12500MSL
C	Ottawa, ON TCA	4000MSL	5000MSL
C	Ottawa, ON TCA	3000MSL	4000MSL
C	Ottawa, ON TCA	2500MSL	3000MSL
E	T614 Airway	2200AGL	12500MSL
B	T614 Airway	12500MSL	18000MSL
E	T614 Airway	2200AGL	12500MSL
B	T614 Airway	12500MSL	18000MSL
E	T616 Airway	2200AGL	12500MSL
B	T616 Airway	12500MSL	18000MSL
E	T636 Airway	2200AGL	12500MSL
B	T636 Airway	12500MSL	18000MSL
C	Ottawa, ON TCA	1500MSL	2500MSL
E	T749 Airway	2200AGL	12500MSL
B	T749 Airway	12500MSL	18000MSL

## Nearest Aerodromes & Distance from Operation

EMBRUN (CPR2 AERODROME Reg)	Lat: 45.241	Long: 75.299	14.08 KM	7.6 NM
MACDONALD CARTIER INTL (CYOW AERODROME Cert)	Lat: 45.323	Long: 75.667	19.28 KM	10.41 NM
CASSELMAN (SHEA FIELD) (CSF7 AERODROME Reg)	Lat: 45.3	Long: 75.171	19.905 KM	10.75 NM
ROCKCLIFFE (CYRO AERODROME Cert)	Lat: 45.461	Long: 75.643	22.353 KM	12.07 NM

## Weather Information for Mission Day

## ONTARIO

## AERODROME/FACILITY DIRECTORY

## OTTAWA / EMBRUN ON

CPR2

<b>REF</b>	N45 14 28 W75 17 55 2SW 14°W UTC-5(4) Elev 230' A1905 A5000 A5002	
<b>OPR</b>	Embrun Airpark Inc. / Serge Boucher 613-443-1469 Reg Ltd hrs	
<b>PF</b>	B-1 C-2,3,4,5,6	
<b>FLT PLN</b> <b>FIC</b>	(bil) Québec 866-WXBRIEF or (French) 866-GOMÉTÉO (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)	
<b>RWY DATA</b> <b>RCR</b>	Rwy 08/26 2260x50 turf Opr No win maint	
<b>COMM</b> <b>ATF</b>	Embrun tfc 123.2 5NM 3200 ASL excluding the airspace that lies within Ottawa TCA class C airspace.	
<b>PRO</b>	<b>VFR Codes:</b> In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 866-VFR-CODE (866-837-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Ottawa Class C airspace.	
<b>CAUTION</b>	Three twrs: 547 ASL aprx 2.5NM NNW, 560 ASL aprx 1.5NM NNW & 580 ASL aprx 5NM NNW of aprt. P-line 35', aprx 700' fr thld Rwy 26. P-line 30', aprx 600' fr thld Rwy 08. Lgtd wind turbines to 948 ASL (657 AGL) aprx 2.5NM SE of A/D.	

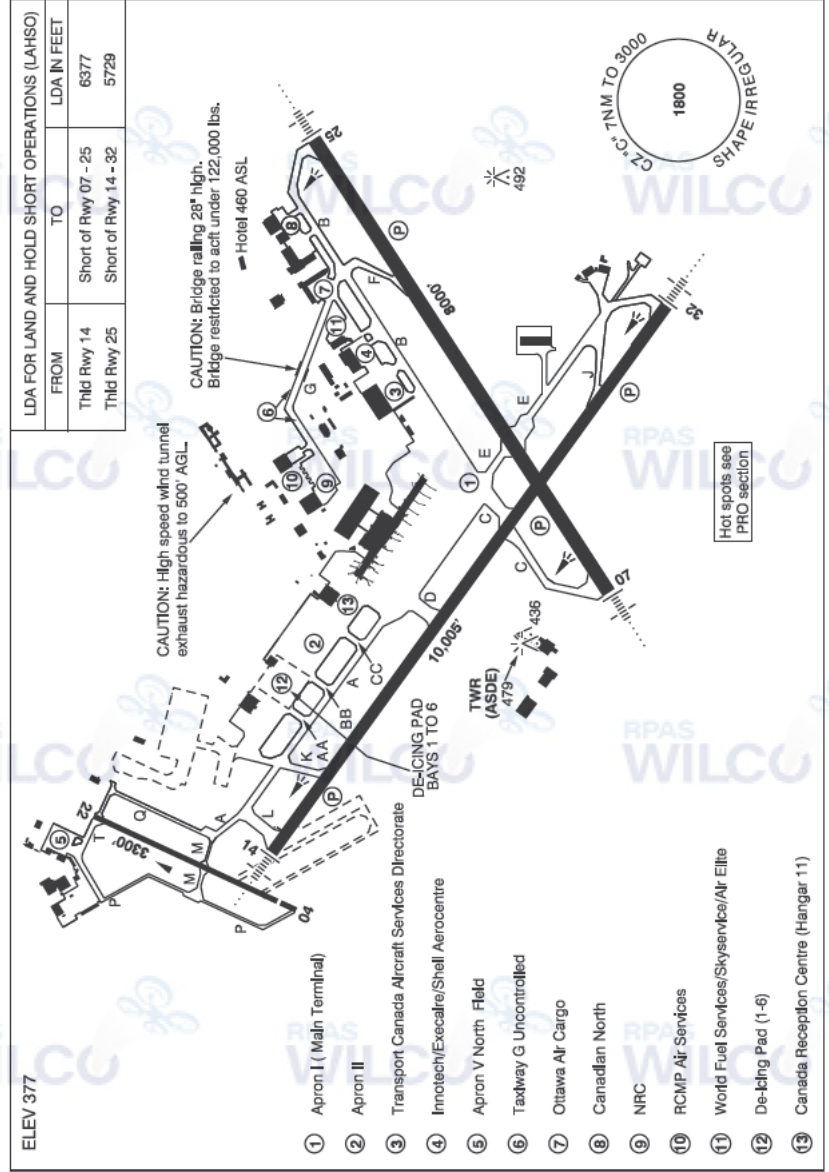


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OTTAWA / MACDONALD-CARTIER INTL ON

CYOW



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

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AERODROME / FACILITY DIRECTORY

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

CYOW

CUST	AOE 888-226-7277 Pilots to call appropriate fixed base opr (FBO) prior to ldg on pvt adv freq & request cust be advised of intended location for clnc. Cust clnc at Apron II 12-05Z± 1 hr PN.
FLT PLN	<div>FIC(bil) Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free wi hin Canada) or 866-541-4105 (Toll free within Canada &amp; USA)</div> <div>ACC Montreal 514-633-3211 or 800-633-1353, all Flt Plns, IFR tng PPR, Mon-Fri</div> <div>WXMETAR H24</div> <div>DUATTAF H24, issue times: 00, 03, 06, 09, 12, 15, 18 &amp; 21Z.</div> <div>Ottawa Flying Club; World Fuel Services/Skyservice/Air Elite; Innotech/Execaire/Shell Aerocentre</div>
SERVICES	<div>FUEL100LL, JA-1</div> <div>OILAll</div> <div>S1(ltd), 2,3,4(ltd)</div> <div>ARFFDESIGNATED CAT 8</div> <div>SUP FL LHOX PN, D &amp; A-ice</div> <div>PVT ADV Ottawa Flying Club (North Field) 123.35 12-02Z±; Innotech/Execaire/Shell Aerocentre (South Field) 123.0 11-03Z±; World Fuel Services/Skyservice/Air Elite 129.85 10-05Z±, O/T 613-739-3776</div> <div>MIL CON Innotech Aviation Services (Shell) 613-736-5959</div>
RWY DATA	Rwy 14(140°)/32(320°) 10,005x197 grooved ASPH Rwy 07(071°)/25(251°) 8000x197 grooved ASPH Rwy 04(039°)/22(219°) 3300x75 ASPH Thld 04 displ 250'. Rwy 04 down 0.36%. Rstd to acft not exceeding 60,000 lbs. RESA: 07/25 984'; 14/32 1000' Abv 15°C, no acft with more than 100 pax or over 85,000 lbs is auth to perform 180° turns on any rwy without perms 613-248-2013
RWY CERT	Rwy 14 RVR 1200(1/4sm)/Rwy 32 RVR 1200(1/4sm) AGN V Rwy 07 RVR 1200(1/4sm)/Rwy 25 RVR 1200(1/4sm) AGN V Rwy 04/22 AGN II
TWY CERT	Twy: M, P, Q, T AGN II
TWY	Twy G uncontrolled
APRON	Twy M, P, Q and T rstd to acft not exceeding 60,000 lbs
RCR	<b>De-icing Bays</b> Bay 1, 3, 4, 6 - May be used by acft with wingspans 36m (118') or less Bay 2 - May be used by acft with the wingspans 65m (213') or less. If CC/K used, he Taxi must be on the West taxi line only with crossover to/from Bay 2. Bay 5 - May be used by acft with the wingspan 80m (262') or less. If CC/K used, taxi must be on the west taxi line only with crossover to/from Bay 5. Opr CRFI. PLR/PCN
LIGHTING	07-AN(TE HI) P3, 25-AN(TE HI) P3, 14-AN(TE HI) P3, 32-AN(TE HI) P3
COMM	(bil) Québec rdo 123.15 (FISE) 126.7 (bcst)
RCO	(English) 121.15
ATIS	(French) 132.95
CLNC DEL	Ottawa 119.4 all dep acft to ctc clnc del
GND	Ottawa 121 9
TWR	Ottawa 118 8 (VFR South) 120.1 (VFR North) 118.8 341.3 (V) (emerg only 613-248-3814)
TML	Ottawa 127.7
ARR	Ottawa ARR 135.15
DEP	Ottawa DEP 128.175

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

CYW

NAV	<div><div>NDB</div><div>VOR/DME</div><div>DME</div><div>ILS</div></div> <div>OW 236 (L) N45 21 37 W75 33 40 YOW 114.6 Ch 93 N45 26 30 W75 53 49 (482') IOW 109.5 Ch 32 N45 18 50 W75 40 01 (398') IOW 109.5 (Rwy 07) RVR LOC reliable only within 10° either side of centreline; IRP 110.3 (Rwy 32) RVR LOC reliable only within 10° either side of centreline.</div>
PRO	<p>Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on maneuvering areas. CAC are available for free on the NAV CANADA website.</p> <p><b>ATC:</b> <u>IFR CLNC ACKNOWLEDGEMENT:</u> IFR clnc read back with Ottawa twr clnc del shall include acft call sign, assigned SID name and transponder code.</p> <p><b>CIRCUITS:</b> Rgt hand circuits Rwys 07, 14 &amp; 22 (CAR 602.96).</p> <p><b>FOD:</b> The grade of sand which is used extensively on the aprt dur win may pose a FOD hazard to some acft. Formations and other line astern flt ops should adopt pro to avoid ingestion.</p> <p><b>NOISE ABATEMENT PROCEDURES:</b> Turbojet and turbofan acft; refer to CAP; propeller acft: dep Rwy 32 to 1500 ASL before proceeding on crs. Circuit hgt 1500 ASL Rwys 04-14 to maintain 1500 ASL, wx permitting, until established on final apch. Tng flt permitted 0815-2359 lcl time, no VFR tng circuits on Rwy 14/32 below 1500 ASL, no practice rwy pro to Rwy 14. For practice IFR apchs to active IFR rwys dur peak hrs 1315-1400Z† &amp; 1930-2400Z† Mon-Fri, ctc Montreal Flight Planning 514-633-3211 or 800-633-1353, for possible delays &amp; rwy info.</p> <p>Turbo-jet take-off and landing not permitted Rwy 04/22.</p> <p><b>WEST VFR ARR/DEP ROUTES:</b> <b>DEPARTURES:</b> SEE OTTAWA M.-C.I. WEST VFR DEPARTURE PROCEDURES CHART Unless otherwise instructed by ATC contact North Tower on 120.1 when ready, – Bells Corners Departure (Depart Rwy 22), climb rwy hdg to Rideau River remaining north of Rwy 25 centerline at all times, at Rideau River, turn rgt hdg 250, climb to 1300 ASL. At 1300 ASL, continue climb not abv 1500 ASL direct Bells Corners and then to Constance Lake. • Contact Ottawa Terminal on 127.7 at Bells Corners – Champlain Bridge Departure (Depart Rwy 04), left turn direct Champlain Bridge then to Deschenes Quarry climb not abv 1500 ASL. • Contact Ottawa Terminal on 127.7 at the bridge All other VFR acft should anticipate dep instructions from ATC.</p> <p><b>ARRIVALS:</b> SEE OTTAWA M.-C.I. WEST VFR ARRIVALS PROCEDURES CHART – Rwy 22, proceed via E side of Ottawa River to Deschenes Quarry &amp; then direct Champlain Bridge at 2000 ASL. – Rwy 04, proceed via W side of Ottawa River to Constance Lake, then direct Bells Corners at 2000 ASL. All other VFR acft should anticipate arr instructions from ATC.</p> <p><b>DE-ICING OPERATIONS</b> 1. Ctc PAD CONTROL on 122.925 30 min prior to dep if de-icing is rqrd. Notify of any special treatments prior to taxi to CDF. 2. Ctc Ottawa GND after pushback for taxi to CDF. 3. Hold short of the CDF on K, AA, BB or CC and ctc PAD CONTROL for further taxi. 4. Follow instructions and electronic sign boards to de-icing bays. 5. Stop on the 2nd (illuminated) yellow stop bar, immediately set brakes and advise PAD CONTROL. DO NOT MOVE ACFT. This will allow positioning of trucks while you configure your aircraft. 6. Once instructed switch to ICEMAN on 122.350, confirm brakes are set, confirm treatment and that acft is configured for treatment (engines at idle/props feathered/pacs off). If you can't reduce engines to idle ICEMAN must know, de-icing may not be possible with running engines. 7. After de-icing, configure acft for taxi, however, DO NOT MOVE ACFT. 8. Once instructed, ctc PAD CONTROL for taxi. 9. Follow instructions to designated exit point. Holding short of Twy A, ctc GND 121.9</p>

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

CYOW

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

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

To obtain a transponder code:

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

Flight procedure:

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

**OTTAWA CZ AIRSPACE SPLIT FOR VFR FLIGHTS**

YOW CZ is divided into two sectors with separate frequencies.

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

CAUTION

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



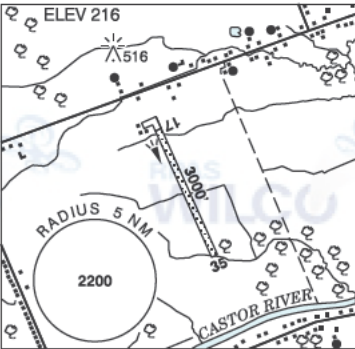
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AERODROME/FACILITY DIRECTORY

OTTAWA / CASSELMAN (SHEA FIELD) ON

CSF7

REF	N45 17 59 W75 10 17 3.7E 14°W UTC-5(4) Elev 216' A1905 A5000 A5002
OPR	Todd Shea 613-850-3589 Reg PPR
PF	B-1 C-2,3,5 D-4,6
FLT PLN	(bil)
FIC	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
SERVICES	
FUEL	MOGAS, 100LL PN
OIL	80, 100
RWY DATA	Rwy 17(170°)/35(350°) 3000x50 turf
RCR	Opr No win maint Ltd hrs Rwy soft when wet
LIGHTING	17-(RR), 35-(RR)
COMM	
ATF	tfc 123.2 5NM 3300 ASL excluding the airspace that lies within Ottawa TCA class C airspace.
PRO	Rgt hand circuits Rwy 35 (CAR 602.96)
CAUTION	Lgt twr 516 ASL 0.4NM N of A/D and 522 ASL 2.06NM E of A/D. P-lines aprx 30 AGL 700' N Thld 17. Ocs! wildlife on rwy.

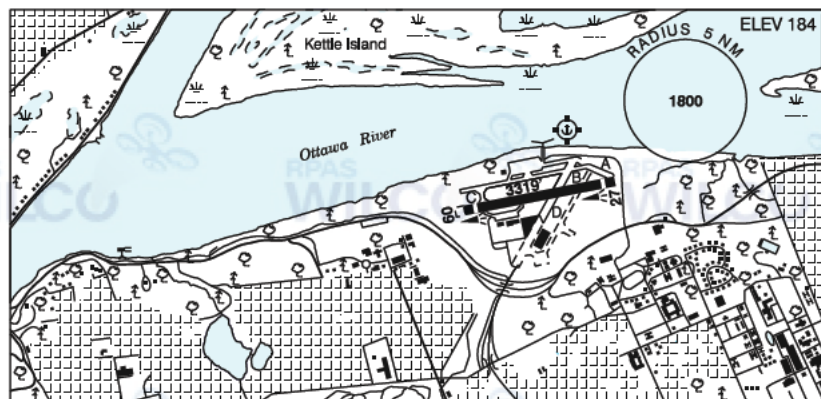


## ONTARIO

## AERODROME/FACILITY DIRECTORY

## OTTAWA / ROCKCLIFFE ON

CYRO



<b>REF</b>	N45 27 38 W75 38 36 Adj NE 13°W (2016) UTC-5(4) Elev 184' A1905 A5000 A5002 LO6 LO7 T2 CAP
<b>OPR</b>	Rockcliffe Flying Club 613-746-4425 855-759-4425 Fax 613-746-3354 Cert 12Z± to SS & evenings when flying in progress.
<b>PF</b>	B-1 C-2,3,4,5,6
<b>CUST</b>	AOE/CAN
<b>FLT PLN</b>	(bil)
<b>FIC</b>	Québec 866-GOMÉTÉO or 866-WXBRIEF (Toll free within Canada) or 866-541-4105 (Toll free within Canada & USA)
<b>ACC</b>	Montreal 514-633-3211 or 800-633-1353, all Flt Plns, IFR tng PPR, Mon-Fri
<b>SERVICES</b>	
<b>FUEL</b>	100LL, JA-1 (FSII avbl) 1 HR PN CTC 613-746-4425
<b>OIL</b>	All
<b>RWY DATA</b>	Rwy 09(092°)/27(272°) 3319x100 ASPH Thld 09 displ 200'. Thld 27 displ 214'.
<b>RWY CERT</b>	Rwy 09/27 AGN II
<b>TWY</b>	Twy A, B & D rstd day use only
<b>RCR</b>	Opr Ltd win maint. Rstd to acft 18,000 lbs and under. PPR for acft over 18,000 lbs.
<b>LIGHTING</b>	09-(TE LO), 27-(TE LO) Ngt thld 249' fr end of Rwy 27 and 1341' fr end of Rwy 09 only 1730' lgtd ARCAL 123.5 type J (see CAUTION)
<b>COMM</b>	
<b>RCO</b>	Québec rdo (Gatineau) 123.375 (FISE)
<b>ATF</b>	UNICOM ltd hrs O/T tfc 123.5 5NM 3200 ASL excluding Gatineau CZ, Ottawa/Macdonald-Cartier Intl CZ and the airspace that lies within Ottawa TCA class C airspace.

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OTTAWA / ROCKCLIFFE ON (Cont'd)

CYRO

PRO	<p><b>CIRCUITS:</b> Rgt hand circuits Rwy 27 (CAR 602.96). As soon as practicable after tkof fr Rwy 09 or 27 turn 20° to the North.</p> <p><b>MUSEUM:</b> Aircraft wishing to park at he Canada Aviation and Space Museum are requested to contact the Rockcliffe Flying Club, by telephone or unicom, for instructions prior to arrival.</p> <p><b>AIRSPACE:</b> VFR FLIGHTS IN OTTAWA CLASS C AND TERMINAL CLASS C AIRSPACE SEE OTTAWA / MACDONALD-CARTIER INTL FOR PROCEDURES.</p> <p><b>VFR Codes:</b> In order to minimize delays, ATC freq congestion and for better airspace management, as well as to improve safety, ctc the Montreal ACC at 866-VFR-CODE (866-837-2633), or the FIC at 1-866-GOMETEO or 1-866-WX BRIEF, to provide ATC with info pertaining to your flt to obtain your transponder code at least 30 min prior to a flight into Ottawa Class C airspace.</p>
CAUTION	<p>Sections of North apron breaking up &amp; covered with loose gravel. Extv bird activity. Feb-May and Sep-Nov.</p> <p>Rstd areas CYR537 and CYR538 cont located 1.5NM W. Adjust flt path/altitude to avoid entry. See VTPC.</p> <p><b>ARCAL:</b> Acft arr fr the E or S may not be able to activate ARCAL until aprx 1NM from the aprt. Acft on the ground positioned at the E end of the aprt may not be able to activate ARCAL until positioned closer to the W end of he aprt.</p>