



Flight Plan & Site Survey

Created using **RPAS Wilco®**

Operation Name:	Mission 01-01-2023
Pilot Name:	john deadman
Pilot Certificate:	26518
Flight Start:	January 1, 2023 8:29 AM
Flight End:	January 1, 2023 10:29 AM
Flight Area (Latitude):	49° 16' 27.00" N (49.274)
Flight Area (Longitude):	124° 13' 32.00" W (-124.226)
Altitude - Radius:	Alt: 600 ft - Rad: 926.0 m (0.5 nm)
Airspace:	UNCONTROLLED
FIR - Contact:	CZVR - 604-586-4500
Weather:	5.0 Celsius - Overcast

Please ensure you received all required authorizations prior to flight.

Disclaimer

This Site Survey was created using RPAS Wilco by AIM Robotics. The flight plan contained is intended only for RPAS flights on the date/time and location specified. The user accepts all responsibility for the accuracy and completeness of the information contained.

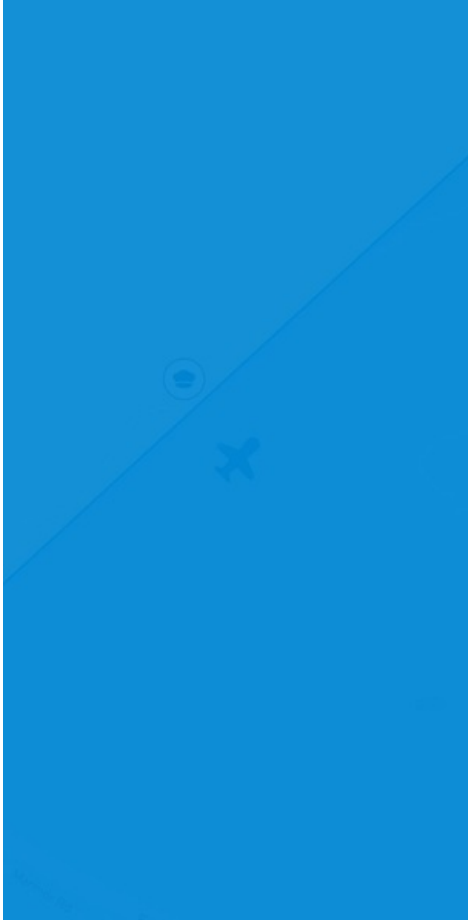
For the complete Terms & Conditions, see

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



Included

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

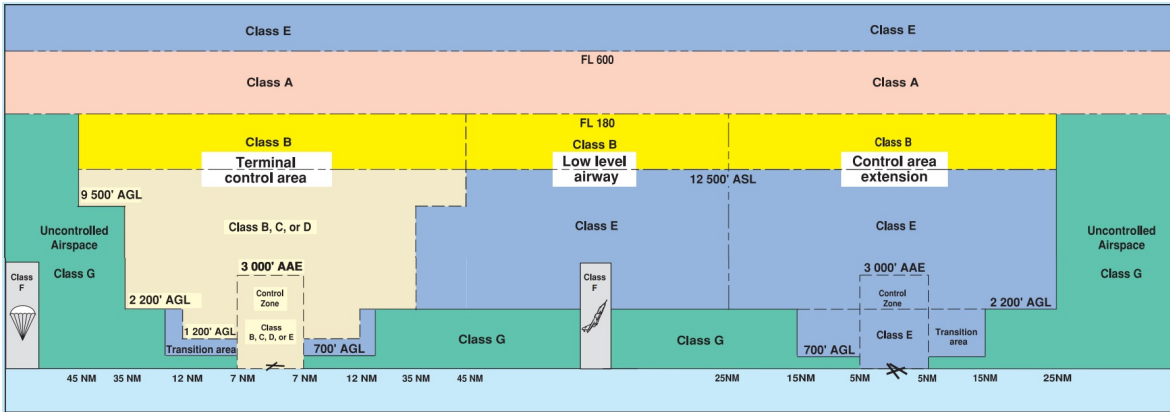
Flight Map



MAP Details

	Latitude	Longitude
 MODEL	49° 16' 27.00" N (49.274)	124° 13' 32.00" W (-124.226)
 Pilot john deadman	49° 16' 30.60" N (49.2752)	124° 13' 35.60" W (-124.2266)

Airspace Classification



Overlying Airspaces

Class	Name	Floor	Ceiling
C	Vancouver, BC TCA	9500MSL	12500MSL
B	Vancouver, BC TCA	12500MSL	18000MSL
B	T645 Airway	12500MSL	18000MSL
E	T645 Airway	2200AGL	12500MSL
E	V440 Airway	2200AGL	12500MSL
B	V440 Airway	12500MSL	18000MSL
E	T719 Airway	2200AGL	12500MSL
B	T719 Airway	12500MSL	18000MSL
B	Vancouver, BC TA	12500MSL	18000MSL
E	Vancouver, BC TA	700AGL	12500MSL
E	V342 Airway	2200AGL	12500MSL
B	V342 Airway	12500MSL	18000MSL

Nearest Aerodromes & Distance from Operation

QUALICUM BEACH (CAT4 - AERODROME/HELIPORT - Cert)	Lat: 49.337	Long: -124.394	14.07 KM	7.6 NM
LONG LAKE (CAT3 - WATERDRONE - Reg)	Lat: 49.217	Long: -124.017	16.419 KM	8.87 NM
NANAIMO (CYCD - AERODROME - Cert)	Lat: 49.054	Long: -123.87	35.605 KM	19.23 NM

Weather Information for Mission Day

Summary: Cloudy skies throughout the day.

Condition	Temperature	Feels Like	Precipitation	Visibility	Cloud Coverage	Wind Speed	Humidity
Overcast	5.0 Celsius	2.8 Celsius	0.0 %	17.1 Km	93.0 %	14.4 kph	88.0 %

Canadian Aviation Regulations

Division III — General Operating and Flight Rules

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

Visual Line-of-sight

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

Procedures

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

Site Survey

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

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

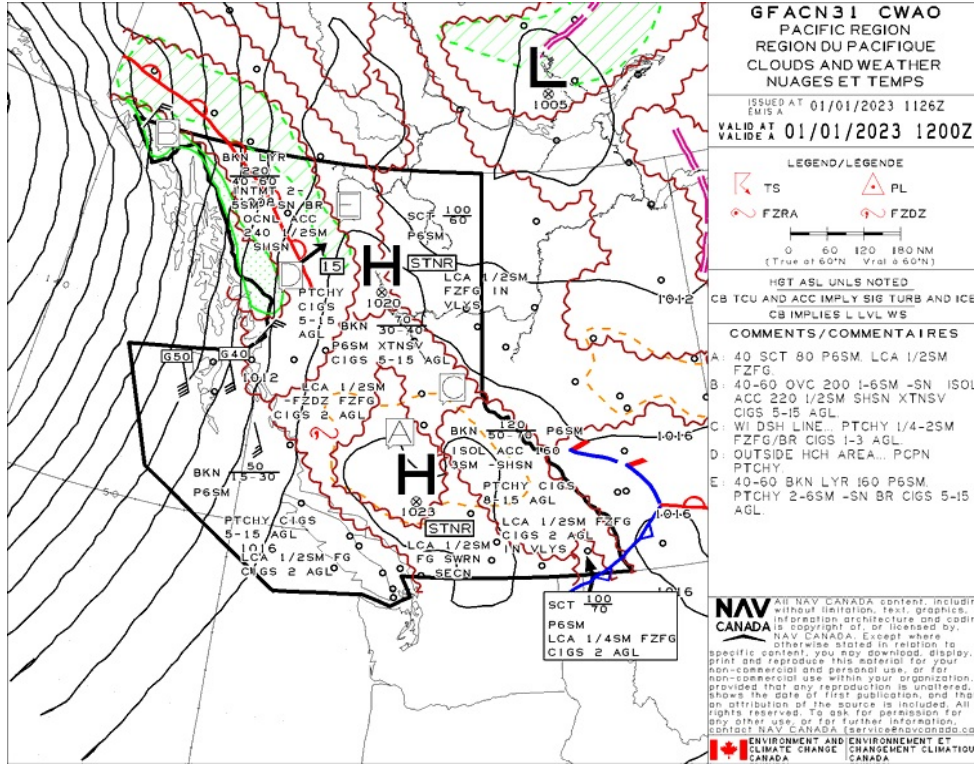
Operations at or in the Vicinity of an Aerodrome, Airport or Heliport

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

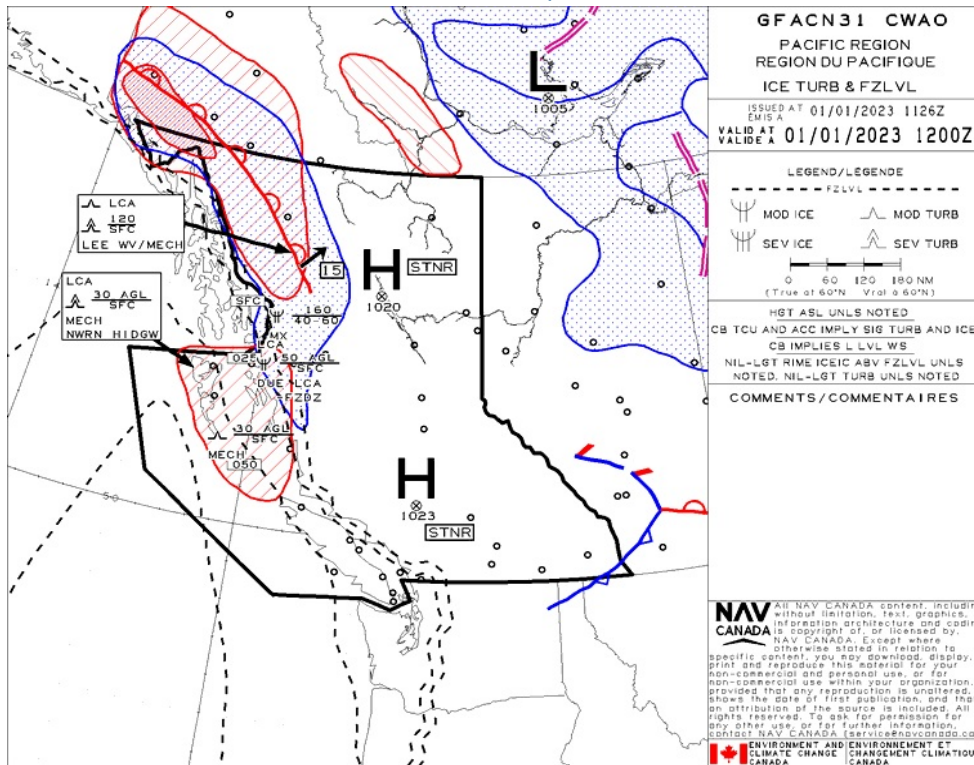
Records

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

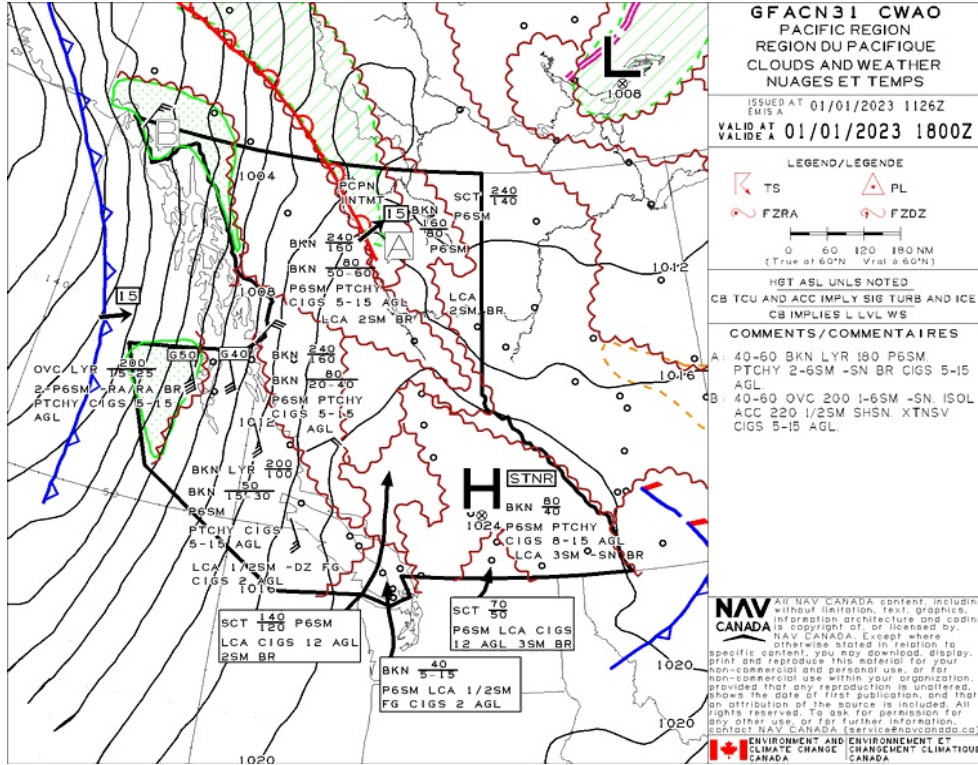
GFA Issue time + 00 hr - CLOUDS AND WEATHER



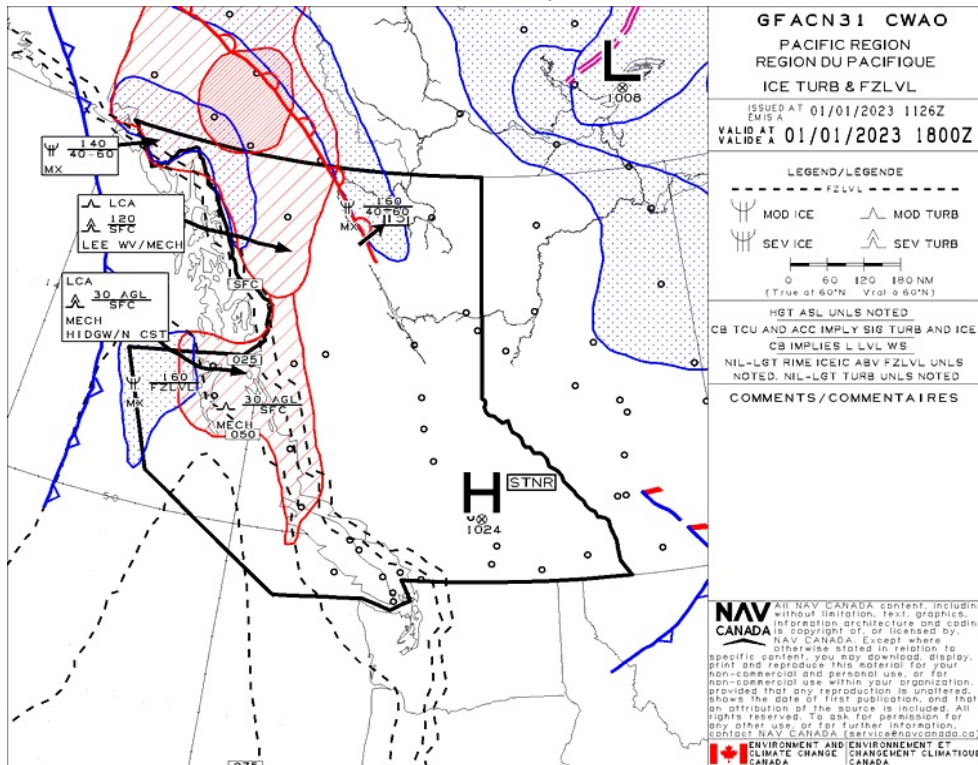
GFA Issue time + 00 hr - TURBULENCE, ICING AND FREEZING LEVEL



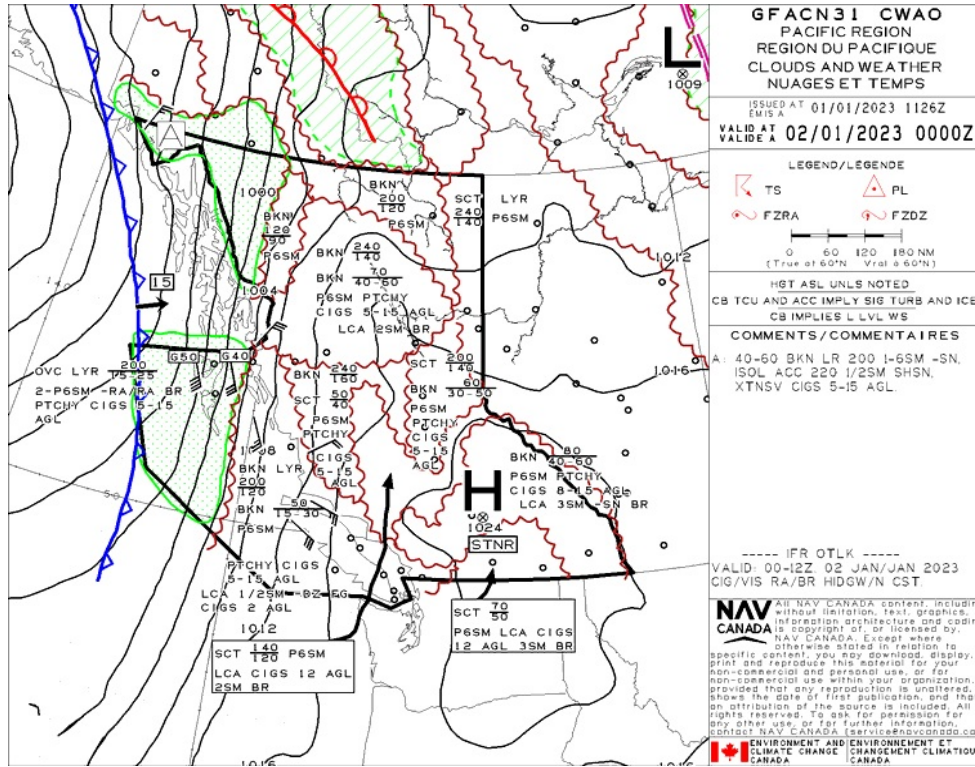
GFA Issue time + 06 hr - CLOUDS AND WEATHER



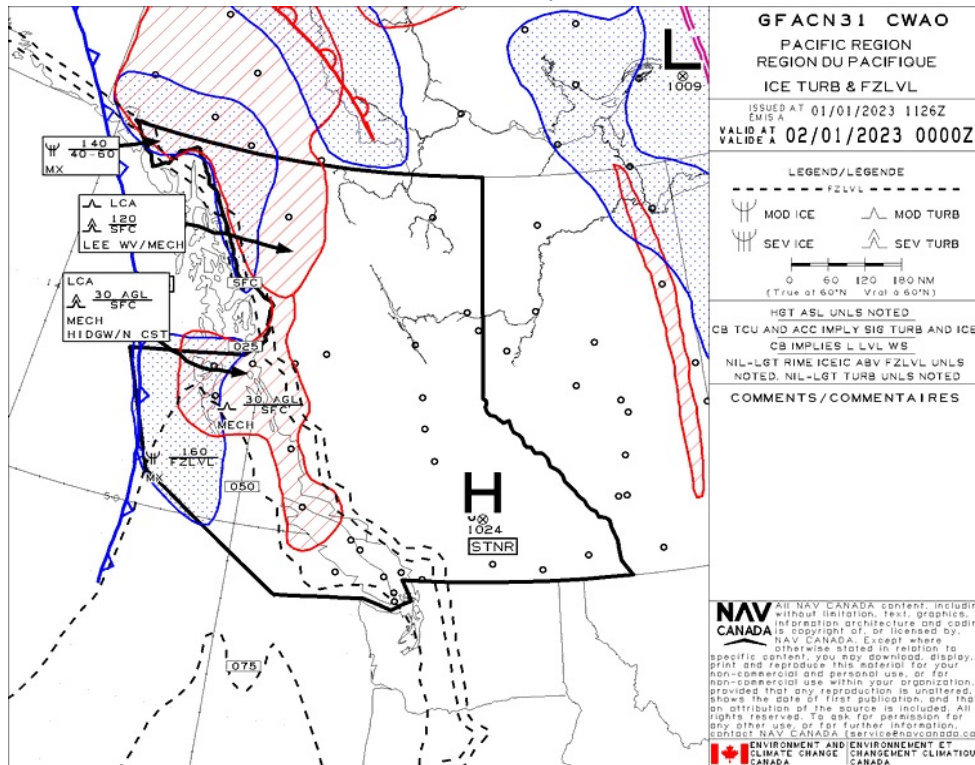
GFA Issue time + 06 hr - TURBULENCE, ICING AND FREEZING LEVEL



GFA Issue time + 12 hr - CLOUDS AND WEATHER



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





Flight Plan & Site Survey

QUALICUM BEACH - CAT4 - Cert

NOTAM

(F3996/22 NOTAMR F3928/22
Q) CZVR/QCAAS/IV/B/AE/000/999/4923N12022W200
A) CYDC B) 2212091948 C) 2301312359EST
E) VANCOUVER CENTRE PERIPHERAL STATION (PAL)
351.3MHZ AT PRINCETON U/S)

(F3530/22 NOTAMN
Q) CZXX/QXXX/I/NBO/W/000/999/6650N11045W999
A) CZVR CZEG B) 2210191551 C) 2301181545EST
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 BALLISTIC MISSILE LAUNCHES WITHOUT PRIOR
NOTICE. THIS NOTAM SUPERSEDES THE RESTRICTIONS CONCERNING NORTH
KOREA ISSUED IN AIC 16/22.)

(I7057/22 NOTAMR I6519/22
Q) CZVR/QMNL/IV/NBO/A/000/999/4920N12424W005
A) CXXX B) 2211251512 C) 2301202300EST
E) CAT4 QUALICUM BEACH
EAST 130FT OF APN 1 CLSD DUE CONST INCLUDING HEL PRKG AREA)

(I6882/22 NOTAMR I4423/22
Q) CZVR/QFAH/IV/NBO/A/000/999/4920N12424W005
A) CXXX B) 2211131746 C) 2302112000EST
E) CAT4 QUALICUM BEACH
NIGHT OPS TWY D NORTH OF TWY A PROHIBITED)

(F3992/22 NOTAMN
Q) CZVR/QATLT/IV/NBO/E/000/999/4912N12311W999
A) CZVR B) 2212081954 C) 2302081900EST
E) IN SUPPORT OF CYVR CALL FOR RELEASE PROGRAM:
IFR ACFT DEP CYCD CYAZ CYXX CZBB CYHC CYPK CYWH CYNJ CAP3 CYBL
CYZT CYKA CYLW AND CYYF DESTINED FOR CYVR ARE REQUIRED TO CTC
TWR, FSS OR FIC BTN 30-90 MIN PRIOR TO DEP FOR AN APPROVED DEP
TIME.
IFR ACFT DEP CYYJ, CTC CLEARANCE DELIVERY ON FREQ 126.4MHZ BTN
30-90 MIN PRIOR TO DEP FOR AN APPROVED DEP TIME.
IFR ACFT DEP CYQQ CYPW AND CAT4 DESTINED FOR CYVR ARE REQUIRED TO
CTC CYQQ TERMINAL 250-339-8115 BTN 30 AND 90 MIN PRIOR TO DEP FOR
AN APPROVED DEP TIME.)

(F3468/22 NOTAMR F2040/22
Q) CZXX/QOEC/IV/NBO/E/000/999/5205N12506W999
A) CZVR CZEG B) 2210131805 C) 2301121800EST
E) ALL ACFT, REGARDLESS OF THE STATE OF REGISTRY, DIRECTLY OR
INDIRECTLY OWNED, CHARTERED, LEASED, OPERATED OR OTHERWISE
CONTROLLED BY A PERSON CONNECTED WITH EITHER THE RUSSIAN
FEDERATION OR OF BELARUS OR BY A CORPORATION OR ENTITY THAT IS
INCORPORATED OR FORMED UNDER THE LAWS OF THE RUSSIAN FEDERATION
OR BELARUS, AND ALL OPERATORS HOLDING AN AIR OPERATOR CERTIFICATE
(AOC) ISSUED BY RUSSIAN FEDERATION AND/OR BELARUSIAN AUTHORITIES
ARE PROHIBITED TO ENTER, EXIT OR OVERFLY CANADA'S TERRITORIAL
AIRSPACE (INCLUDING FLT WITHIN 12NM OF CANADA'S COASTS).
EXCEPTIONS PERMITTED FOR ACFT EXPERIENCING INFLIGHT EMERG.

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TO THIS NOTAM ARE REVOKED.

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TRANSPORT AT 1-877-992-6853 OR 1-613-992-6853 OR BY EMAIL AT
OPERATIONS.AVIATION(AT)TC.GC.CA.)

(I7507/22 NOTAMR I6966/22
Q) CZVR/QFAU/IV/NBO/A/000/999/4920N12424W005
A) CXXX B) 2212181619 C) 2301181700EST
E) CAT4 QUALICUM BEACH
FUEL JA NOT AVBL)

(I7692/22 NOTAMR I7067/22
Q) CZVR/QFAX/IV/NBO/A/000/999/4920N12424W005
A) CXXX B) 2212232101 C) 2303232300
E) CAT4 QUALICUM BEACH
ALL SIGNAGE NOT LIGHTED.)

LONG LAKE - CAT3 - Reg

NOTAM

(I7679/22 NOTAMR I7147/22
Q) CZVR/QLGAS/IV/B/A/000/999/4910N12356W005
A) CXXX B) 2212231801 C) 2301312359EST
E) CAC8 NANAIMO HARBOUR (WATER)
ACFT RDO CONTROLLED FLASHING LGT LOCATED AT 4910N 12356W
(AREA A) U/S)

(F3996/22 NOTAMR F3928/22
Q) CZVR/QCAAS/IV/B/AE/000/999/4923N12022W200
A) CYDC B) 2212091948 C) 2301312359EST
E) VANCOUVER CENTRE PERIPHERAL STATION (PAL)
351.3MHZ AT PRINCETON U/S)

(F3530/22 NOTAMN
Q) CZXX/QXXX/I/NB0/W/000/999/6650N11045W999
A) CZVR CZEG B) 2210191551 C) 2301181545EST
E) AIRSPACE SECURITY WARNING ISSUED BY THE DEPARTMENT OF TRANSPORT
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(F3992/22 NOTAMN
Q) CZVR/QATLT/IV/NB0/E/000/999/4912N12311W999
A) CZVR B) 2212081954 C) 2302081900EST
E) IN SUPPORT OF CYVR CALL FOR RELEASE PROGRAM:
IFR ACFT DEP CYCD CYAZ CYXX CZBB CYHC CYPK CYWH CYNJ CAP3 CYBL
CYZT CYKA CYLW AND CYYF DESTINED FOR CYVR ARE REQUIRED TO CTC
TWR, FSS OR FIC BTN 30-90 MIN PRIOR TO DEP FOR AN APPROVED DEP
TIME.
IFR ACFT DEP CYYJ, CTC CLEARANCE DELIVERY ON FREQ 126.4MHZ BTN
30-90 MIN PRIOR TO DEP FOR AN APPROVED DEP TIME.
IFR ACFT DEP CYQQ CYPW AND CAT4 DESTINED FOR CYVR ARE REQUIRED TO
CTC CYQQ TERMINAL 250-339-8115 BTN 30 AND 90 MIN PRIOR TO DEP FOR
AN APPROVED DEP TIME.)

(F4139/22 NOTAMR F3715/22
Q) CZVR/QCAAS/IV/B/AE/000/999/4903N12352W025
A) CYCD B) 2212301758 C) 2302232359EST
E) VICTORIA TERMINAL FREQ 133.95MHZ U/S. USE 121.075MHZ)

(I1841/21 NOTAMN
Q) CZVR/QOBCE/IV/M/AE/000/005/4911N12358W005
A) CXXX B) 2104201212 C) PERM
E) CBG5 NANAIMO (REGIONAL GEN HOSP) (HELI)
AMEND PUBLICATIONS: CRANE WITHIN 197FT RADIUS CENTRED ON 491108N
1235811W (APRX 490FT E AD). 120FT AGL 406FT AMSL. LGTD, PAINTED.)

(F3468/22 NOTAMR F2040/22
Q) CZXX/QOECH/IV/NB0/E/000/999/5205N12506W999
A) CZVR CZEG B) 2210131805 C) 2301121800EST
E) ALL ACFT, REGARDLESS OF THE STATE OF REGISTRY, DIRECTLY OR
INDIRECTLY OWNED, CHARTERED, LEASED, OPERATED OR OTHERWISE
CONTROLLED BY A PERSON CONNECTED WITH EITHER THE RUSSIAN
FEDERATION OR OF BELARUS OR BY A CORPORATION OR ENTITY THAT IS
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Flight Plan & Site Survey

NANAIMO - CYCD - Cert

METAR

METAR CYCD 011600Z VRB02KT 20SM SCT011 OVC033 02/01 A3015 RMK SF3SC5 SLP211=		
METAR	LOCATION CYCD - NANAIMO/BC	DATE - TIME 01 JANUARY 2023 - 1600 UTC
WIND VRB @ 2 KNOTS	VISIBILITY 20 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER	CLOUDINESS SCATTERED CLOUDS (3/8 - 4/8) 1100 FT OVERCAST 3300 FT	TEMP / DEWPOINT 2 C / 1 C
ALTIMETER 30.15 IN HG	RECENT WEATHER	WIND SHEAR

METAR CYCD 011500Z VRB02KT 12SM BKN011 OVC033 02/01 A3014 RMK SF5SC3 CIG RAG SL 10=		
METAR	LOCATION CYCD - NANAIMO/BC	DATE - TIME 01 JANUARY 2023 - 1500 UTC
WIND VRB @ 2 KNOTS	VISIBILITY 12 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER	CLOUDINESS BROKEN CLOUDS (5/8 - 7/8) 1100 FT OVERCAST 3300 FT	TEMP / DEWPOINT 2 C / 1 C
ALTIMETER 30.14 IN HG	RECENT WEATHER	WIND SHEAR

METAR CYCD 011400Z 26003KT 12SM BKN009 OVC032 02/01 A3013 RMK SF6SC2 CIG RAG SL 04=		
METAR	LOCATION CYCD - NANAIMO/BC	DATE - TIME 01 JANUARY 2023 - 1400 UTC
WIND 260 TRUE @ 3 KNOTS	VISIBILITY 12 STAT. MILES	RUNWAY VISUAL RANGE
WEATHER	CLOUDINESS BROKEN CLOUDS (5/8 - 7/8) 900 FT OVERCAST 3200 FT	TEMP / DEWPOINT 2 C / 1 C
ALTIMETER	RECENT WEATHER	WIND SHEAR

NOTAM

(F3996/22 NOTAMR F3928/22
Q) CZVR/QCAAS/IV/B/AE/000/999/4923N12022W000
A) CYDC B) 2212091948 C) 2301312359EST
E) VANCOUVER CENTRE PERIPHERAL STATION (PAL)
351.3MHZ AT PRINCETON U/S)

(I7852/22 NOTAMR I5793/22
Q) CZVR/QMNX/IV/NBO/A/000/999/4903N12352W005
A) CYCD B) 2212301515 C) 2303301600EST
E) APN PARKING PLAN IN EFFECT PPR 250-618-0875. NO EXC)

(F4038/22 NOTAMR F3191/22
Q) CZVR/QNVAS/IV/B0/AE/000/999/4844N12329W025
A) CYYJ B) 2212161528 C) 2301312359EST
E) VICTORIA VOR YYJ 113.7MHZ U/S)

(A0115/23 NOTAMN
Q) CZVR/QFAXX/IV/NBO/A/000/999/4903N12352W005
A) CYCD B) 2301011342 C) 2301012142
E) RSC 16 5/5/5 80 PCT WET, 80 PCT WET, 80 PCT WET. VALID JAN 01
1340 - JAN 01 2140.

RSC 34 5/5/5 80 PCT WET, 80 PCT WET, 80 PCT WET. VALID JAN 01
1340 - JAN 01 2140.

ADDN NON-GRF/TALPA INFO:
CRFI 16 NR/NR/NR.
CRFI 34 NR/NR/NR.

RMK: TWY TWY ALPHA, BRAVO, CHARLIE, GOLF, 202301011341, WET.
RMK: APN APN APRON I, APRON II, 202301011341, WET.)

(F3468/22 NOTAMR F2040/22
Q) CZXX/QOEC/IV/NBO/E/000/999/5205N12506W999
A) CZVR CZEG B) 2210131805 C) 2301121800EST
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OPERATIONS.AVIATION(AT)TC.GC.CA.)

(L6818/22 NOTAMR L4724/22
Q) CZVR/QXXX/IV/NBO/A/000/999/4903N12352W005
A) CYCD B) 2211101910 C) 2302101800EST
E) IFR TRAINING FLT NOT AUTH)

(I7619/22 NOTAMR I7427/22
Q) CZVR/QFAXX/IV/NBO/A/000/999/4903N12352W005
A) CYCD B) 2212212146 C) 2303141800EST
E) AUTOLAND PROCEDURES NOT RECOMMENDED DUE TO POSSIBLE INTERFERENCE
TO RADALT FROM 5G NETWORK RESULTING IN DEGRADED SYSTEM
PERFORMANCE. REPORT ANY SUSPECTED CASES OF INTERFERENCE TO ATC OR
TC)

(F3530/22 NOTAMN
Q) CZXX/QXXX/I/NBO/W/000/999/6650N11045W999
A) CZVR CZEG B) 2210191551 C) 2301181545EST
E) AIRSPACE SECURITY WARNING ISSUED BY THE DEPARTMENT OF TRANSPORT
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(F3992/22 NOTAMN
Q) CZVR/QATLT/IV/NBO/E/000/999/4912N12311W999
A) CZVR B) 2212081954 C) 2302081900EST
E) IN SUPPORT OF CYVR CALL FOR RELEASE PROGRAM:
IFR ACFT DEP CYCD CYAZ CYXX CZBB CYHC CYPK CYWH CYNJ CAP3 CYBL
CYZT CYKA CYLW AND CYYF DESTINED FOR CYVR ARE REQUIRED TO CTC
TWR, FSS OR FIC BTN 30-90 MIN PRIOR TO DEP FOR AN APPROVED DEP
TIME.
IFR ACFT DEP CYYJ, CTC CLEARANCE DELIVERY ON FREQ 126.4MHZ BTN
30-90 MIN PRIOR TO DEP FOR AN APPROVED DEP TIME.
IFR ACFT DEP CYQQ CYPW AND CAT4 DESTINED FOR CYVR ARE REQUIRED TO
CTC CYQQ TERMINAL 250-339-8115 BTN 30 AND 90 MIN PRIOR TO DEP FOR
AN APPROVED DEP TIME.)

(F4139/22 NOTAMR F3715/22
Q) CZVR/QCAAS/IV/B/AE/000/999/4903N12352W025
A) CYCD B) 2212301758 C) 2302232359EST
E) VICTORIA TERMINAL FREQ 133.95MHZ U/S. USE 121.075MHZ)

(I6276/22 NOTAMR I3576/22
Q) CZVR/QPDAU/I/NBO/A/000/999/4903N12352W005
A) CYCD B) 2210181312 C) 2301161800EST
E) FAXTO ONE DEP: DEP ROUTE DESCRIPTION: RWY 34: NOT AUTH)

BRITISH COLUMBIA

AERODROME / FACILITY DIRECTORY

QUALICUM BEACH BC

CAT4

REF	N49 20 14 W124 23 38 1.8S 17°E (2013) UTC-8(7) Elev 190' A5004 LO2 HI3 CAP	
OPR	Town 250-752-6921 1630-2300Z† exc hol Cert	
PF	A-1,2 ATB ltd hrs ctc opr C-3,4,5,6	
FLT PLN	FIG Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) ACC For IFR clnc ctc Comox Terminal 250-339-8115 before take off. IFR tng flts PPR Vancouver 604-586-4592 or 800-668-1333.	
SERVICES		
FUEL	100LL, JA	
S	2 15-24Z† Mon-Fri, 4, 5	
RWY DATA	Rwy 11(111°)/29(291°) 3564x75 ASPH Thld 11 displ 485' Thld 29 displ 200'. Rwy 29 up 0.77%	
RWY CERT	Rwy 11/29 AGN I	
RCR	Opr Ltd win maint	
LIGHTING	11-(TE ME) AP 4.5°, 29-(TE ME) AP 4.5° ARCAL-122.8 type K	
COMM		
MF	tfc 122.8 5NM 3200 ASL (CAR 602.98)	
TML	Comox 123.7 227.6	
PRO	Rgt hand circuits rwy 11 (CAR 602.96) For IFR clnc ctc Comox tml 250-339-8115, 10 min prior to dep. Avoid overflight of noise sensitive areas at less than 1000 AGL, see sketch. Night restrictions (btwn 06-14Z†): Medevac only, or PPR. Night circuit height 1400 ASL. Night ops prohibited when APAPI u/s.	
HELI	All Turbine Heli: Continuous circuits prohibited unless approved by APM. -VFR Arr/dep flt over noise sensitive areas (depicted on chart) blw 1000' not permitted.	
NOISE	NOISE ABATEMENT PROCEDURES (pursuant to CAR 602.105): These procedures apply to acft operating under VFR dur wx conds of 2 or more miles vis or better. Arr: Landing acft to be established on or S of extended rwy centerline within 2NM of rwy thld. Dep: Acft track extended rwy centerline, no turns N BLW 1000 ASL (800 AGL) within 2NM of rwy end. No alt restriction on turns to S.	
CAUTION	100' trees aprx 3000' fr Thld 29. Only pilots familiar with lcl terrain should use this A/D dur hrs of darkness. Parachuting aprx 7NM ESE A/D fr 12,500 ASL.	

CANADA WATER AERODROME SUPPLEMENT

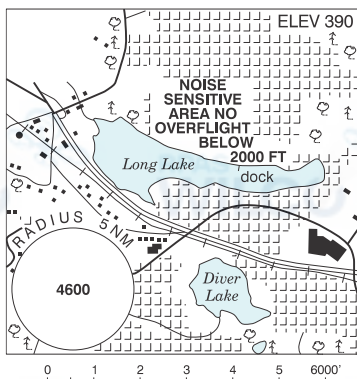
Effective 0901Z 24 March 2022 to 0901Z 20 April 2023

AERODROME/FACILITY DIRECTORY B133

NANAIMO / LONG LAKE BC

CAT3

REF	N49 13 W124 01 Adj 17°E (2014) UTC-8(7) Elev 390' VTA A5004
OPR	M. & L. Morrison 250-758-1453/ 250-755-9555 Reg PPR
PF	C-1,2,3,4,5,6
FLT PLN	FIG Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	S 5
A/D DATA	Depth 15'+
COMM	ATF tfc 122.9 5NM 3000 ASL



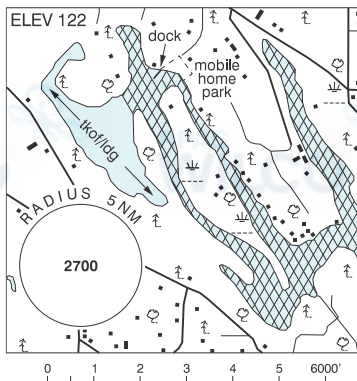
PRO Arr/dep to the E via Departure Bay. When operationally feasible, tkof to the W-straight ahead to Brannen Lake before proceeding on crs. Avoid circuits over S, N & E boundaries of lake. Refer to Nanaimo VTPCs and CYCD PRO for additional procedures in vicinity of Nanaimo.

CAUTION Small boat tfc. Shoal W end of lake.

NANAIMO / QUENNEL LAKE BC

CBQ9

REF	N49 04 39 W123 49 50 10SE 17°E (2014) UTC-8(7) Elev 122' VTA A5004
OPR	Zuiderzee Campsites 250-722-2334 Reg PPR
FLT PLN	FIG Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	FUEL 100LL daylight hrs PN S 1,2,3,5,6 PVT ADV Pacific Seaplanes 1-855-933-5922



A/D DATA
MOORING Year round open water, lake ocsl freeze over mid win, call opr to confirm cond. Sheltered alighting area. Depth at dock 15', mud/sand bottom. Wharf & ramp PPR.

COMM
MF/ATF Nanaimo rdo 1330-0530Z± O/T tfc 122.1 centred on Nanaimo land A/D 2.1NM SSW, CZ shape irregular 5NM 2500 ASL (CAR 602.98)

PRO **Take-off/Landing:** All tkofs and lds in the W arm of the lake.
Arrival/Departure: No arr or dep before 0700 lcl time.
Circuits: All circuits remain W of alighting area.
Training: Touch & go flight training is discouraged.
Refer to Nanaimo VTPCs and CYCD PRO for additional procedures in vicinity of Nanaimo.

CAUTION No tkof or ldg in low speed areas of lake.

BRITISH COLUMBIA

AERODROME / FACILITY DIRECTORY

NANAIMO BC

CYCD

REF	N49 03 16 W123 52 12 7SSE 17°E (2015) UTC-8(7) Elev 92' VTA A5004 LO2 HI3 T1 CAP RCAP	
OPR	Commission 250-245-2157 Cert Ldg fees	
PF	A-1,2,3,6 C-5 D-4	
CUST	AOE/20 888-226-7277	
FLT PLN		
FIG	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)	
ACC	Vancouver IFR 604-586-4590/4591 or 800-668-1333; IFR tng flts PPR ctc 604-586-4592 or 800-668-1333	
WX	METAR 1400-0500Z O/T LWIS AUTO (see COMM) TAF 16-05Z†, issue times: 16, 18, 24Z (DT 15, 18, 24Z).	
SERVICES	Call-out chg may be levied for one or more svcs	
FUEL	100LL, JA-1 (FSII avbl) Enex Aviation Self serve H24, full svc 17-01Z† Mon-Fri, O/T call out avbl PN 250-924-3639; Nanaimo Flying Club 604-227-9274 (100LL only) Self serve H24 cardlock	
OIL	All	
S	2,3,4,5	
ARFF	DESIGNATED CAT 6 1330-0800Z† for sked acft 20 seats and abv, O/T 2 hr PN cstr recovery	
RWY DATA	Rwy 16(164°)/34(344°) 6602x150 asphalt Thld 16 displ 197' Thld 34 displ 1002'	
RWY CERT	Rwy 34 RVR 1200(1/4sm) Rwy 16/34 AGN IIIB	
TWY CERT	Twy G AGN I	
TWY	Twy G unlighted, rstd day time use only, max wt 5000 lbs Twy G wt greater than 5000 lbs PPR 250-618-0875.	
APRON	Prkg plan in effect. CBSA and corporate turbine acft must park along N edge of Apron I PPR 250-618-0875. No exceptions. Corp turbine acft access groundside via Gate 19A only. PPR for access/egress via tml bldg. Remaining Apron I rstd to sked tfc only. Piston acft not permitted to use Apron I due apron congestion. No exceptions. Altn prkg avbl on Apron III at Nanaimo Flying Club (NFC) ctc 604-227-9274.	
RCR	Opr Win maint 1330-0700Z† dly, O/T 2 hrs PN CRFI, PLR/PCN	
LIGHTING	16-AW(TE HI) P2, 34-AS(TE HI) P2 3.5° PAPI limitation/restriction. PAPI Rwy 34 offset 8° rgt. PAPI 34 to be used only within 3NM of thld. Lgts O/R FSS dur hrs of ops, O/T ARCAL-122.1 type K.	
COMM		
RADIO	122.1 291.8 (V) 1330-0530Z† (emerg only 250-245-4032)	
RCO	Pacific rdo 126.0 (FISE)	
ATIS	128.425 1-877-517-2847 14-05Z†	
GND ADV	122.6 1330-0530Z† (emerg only 250-245-4032)	
MF/ATF	rdo 122.1 1330-0530Z† O/T tfc 122.1 CZ shape irregular 5NM 2500 ASL (CAR 602.98)	
TML	Victoria 120.8	
ARR	Victoria Tml 133.95 252.3	
DEP	Victoria Tml 133.95 252.3	
AUTO	128.425 05-14Z†	
NAV		
NDB	YCD 251 (M) N49 07 40 W123 52 18	
DME	ICD 110.350 Ch 40(Y) N49 03 38 W123 52 07 (108°)	
ILS	ICD 110.350 (Rwy 16) LOC reliable only within 10° either side of centreline.	

PRO

AIRPORT RESTRICTION:

Pursuant to CAR 602.96 (3)(d) aprt use rstd to acft with a wingspan of less than 118'.

CIRCUITS:

See NANAIMO VTPC - CIRCUIT PROCEDURES

Circuit alt 1200 ASL. Avoid flt over built-up areas below 1000 ASL.

RWY 34: Rgt hand circuits (CAR 602.96). Maintain 1200 ASL til over Ladysmith Harbour.

RWY 16: Climb to safe alt. Left turn hdg 142° til over Ladysmith Harbour. Climb over Harbour to 1000 ASL BPOC.

ARRIVAL PROCEDURES:

Obtain ATIS message on 128.425 prior to establishing contact on MF 122.10. Establish contact 5 min prior to entering CZ.

VFR INBOUND from SW-W-NW-N: Follow VFR transit routes to GRAVEL PIT cross overhead midfield to join into downwind.

VFR INBOUND from E-SE-S: Follow VFR transit routes. Rwy 16 via YELLOW PT to join into downwind. Rwy 34 via Ladysmith Harbour to join offset final.

DEPARTURE PROCEDURES:

VFR departing SE-S Rwy 16, to reduce the risk of conflict with IFR aircraft, VFR aircraft are expected to fly outbound over Ladysmith Harbour at 1000 ASL or below until clear CZ.

VFR TRANSIT PROCEDURES:

N and W bound traffic expected to transit CZ at 2000 ASL or above following VFR transit route via YELLOW PT-GRAVEL PIT.

S and E bound traffic expected to transit CZ at 2000 ASL or above following VFR transit route via GRAVEL PIT-YELLOW PT.

NOISE ABATEMENT PROCEDURES:

Recommended minimum altitude over built up areas and Gulf Islands is 2000 ASL.

PROCEDURES FOR CROSSING SOUTHERN STRAIT OF GEORGIA:

Within TML Class C airspace refer to VTA and Vancouver Intl VTPC for Crossing the Southern Strait of Georgia.

ATS REQUIREMENTS:

All VFR acft arriving, departing or transiting the Vancouver or Victoria Tower Class C or D airspace require a transponder code.

- All acft departing Vancouver or Victoria Intl (including Water Aerodrome) call Kamloops FIC at 866-541-4101 or PAC RDO 126.0 for code assignment at least 30 min prior to flight or file a VFR Flight Plan/Flight Itinerary.

- All acft arriving Vancouver, Victoria Intl (including Water Aerodrome) or transiting Vancouver or Victoria Control Zones obtain a code from one of the following ATS units: Vancouver Harbour, Nanaimo, Victoria Harbour, Boundary Bay, Langley, Abbotsford or Pitt Meadows, or call Kamloops FIC at 866-541-4101 or PAC RDO 126.0.

- All acft arriving Victoria Intl from a non NAV CANADA site call Kamloops FIC at 866-541-4101 or PAC RDO 126.0 for code assignment at least 30 minutes prior to flight or file a VFR Flight Plan/ Flight Itinerary.

GROUND ADVISORY:

The Minister has authorized specific operating restrictions regarding communications intended for the MF, as well as the introduction of a Ground Advisory frequency (GND ADV) pursuant to CARs 602.97(2), 602.98(1) and 602.99.

Departure procedure: Prior to taxi for departure; contact GND ADV on 122.6 for clearance and initial advisory information. After receiving initial advisory information, GND ADV will initiate communication transfer to RADIO on 122.1 prior to entering the runway/departure surface. Pilots are required to ascertain that there is no likelihood of collision with another aircraft or a vehicle prior to departure as stated in CAR 602.96 2a) and b).

Arrival procedure: After exiting the runway/arrival surface and reporting clear on the radio frequency, pilots will be directed to contact GND ADV on 122.6 for ground traffic and taxiing information before entering the taxiway.

CAUTION

Recommend that only pilots familiar with the lcl area use this aprt dur hrs of darkness. Night ops not recommended unless the PAPI and all five hazard beacons are oprg. Hi terrain reduces operational length of Rwy 34 PAPI. Extv bird activity. Deer in vic of rwy. Rising terrain immediately S of thld Rwy 34 (see VTPC). Unmarked cable crossing 1420 ASL (620 AGL) aprx 6NM SW A/D.