FLIGHT PLAN & SITE SURVEY

MANOAH STEVES PARK

September 30, 2026

IMPORTANT NOTICE

Please ensure you have received all required authorizations prior to flight. This Site Survey was created using RPAS Wilco. The user accepts all responsibility for the accuracy of the information.

Terms & Conditions: rpaswilco.com/#tnc

Mission Information

MANOAH STEVES PARK

FLIGHT DETAILS

Reference No:	**MAAC-797-5256**
Project Name:	**RICHMOND RC FLYERS CLUB**
Pilot Name:	**MAAC**
Pilot Certificate:	
Mission Type:	**VLOS**
Flight Start:	**September 30, 2026 11:43 PM**
Flight End:	**October 01, 2026 12:43 AM**

LOCATION DETAILS

Flight Address:	**MANOAH STEVES PARK**
Latitude:	**49° 8' 21.70" N (49.139)**
Longitude:	**123° 11' 17.90" W (-123.188)**
Field Elevation:	**13 ft MSL**
Altitude / Radius:	**400.0 ft / 926.0 m (0.5 nm)**
Classification:	**CONTROLLED**
FIR / Contact:	**CZVR / 604-586-4500**

NOTES

Your flight is in controlled airspace.
If your RPAS is > 250g, please obtain RPAS Flight Authorization using the NavDrone app or by contacting NavCanada. (CARs 901.71)

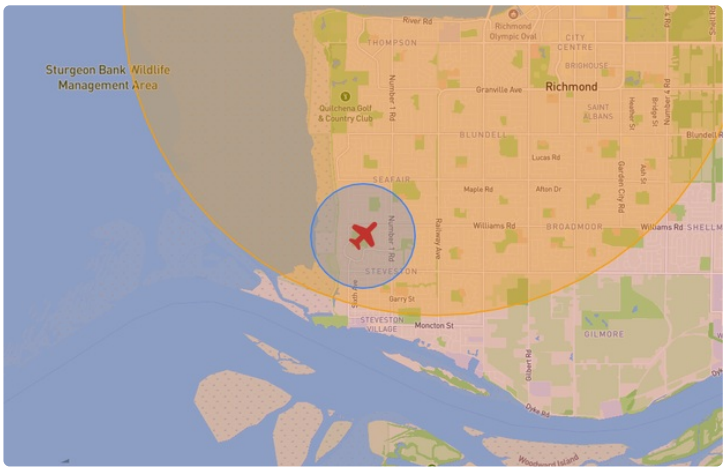
REPORT CONTENTS

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

Flight Map & MODEL Details

MISSION LOCATION SURVEY

FLIGHT AREA MAP



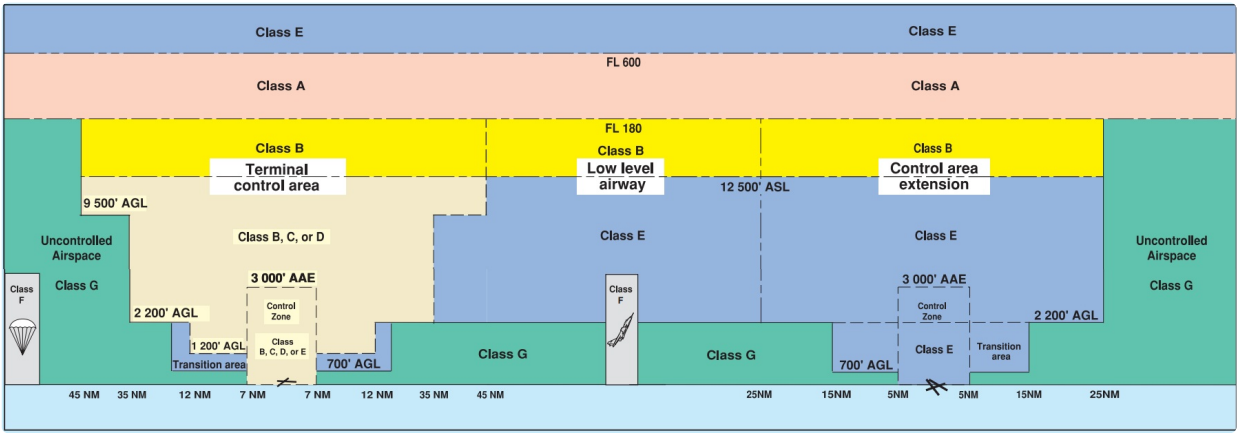
MISSION LOCATION DETAILS

ROLE	LATITUDE	LONGITUDE
MODEL	49° 8' 21.70" N 49.139	123° 11' 17.90" W -123.188
Pilot		
Payload Op.		
Observer		

Airspace Classification

MISSION LOCATION SURVEY

AIRSPACE MAP



OVERLYING AIRSPACES

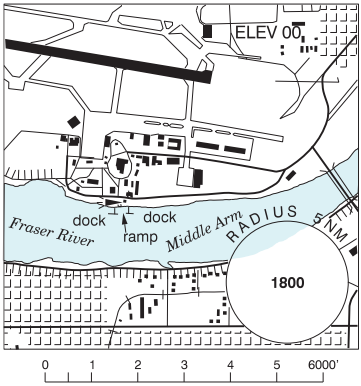
Class	Name	Floor	Ceiling
C	Vancouver, BC [CZ]	SFC	2500MSL
E	V304 VHF/UHF Airway	2200AGL	12500MSL
E	V317 VHF/UHF Airway	2200AGL	12500MSL
E	V330 VHF/UHF Airway	2200AGL	12500MSL
E	V342 VHF/UHF Airway	2200AGL	12500MSL
E	V347 VHF/UHF Airway	2200AGL	12500MSL
E	T701 Fixed RNAV Route	2200AGL	12500MSL
E	T800 Fixed RNAV Route	2200AGL	12500MSL
E	T618 Fixed RNAV Route	2200AGL	12500MSL
E	T775 Fixed RNAV Route	2200AGL	12500MSL
C	Vancouver, BC d) [TCA]	2500MSL	4500MSL
C	Vancouver, BC l) [TCA]	4500MSL	6500MSL
C	Vancouver, BC s) [TCA]	6500MSL	8500MSL
C	Vancouver, BC t) [TCA]	8500MSL	9500MSL
C	Vancouver, BC u) [TCA]	9500MSL	12500MSL

NEAREST AERODROMES & DISTANCE FROM OPERATION

VANCOUVER INTL (CAM9 - WATERDROME - Reg)	Lat: 49.177	Long: -123.171	3.448KM	1.862NM	N
Operator: VANCOUVER INTL AIRPORT AUTHORITY / SEAIR SEAPLANES: PHONE: 1-800-447-3247, PHONE: 604-207-7022, PHONE: 604-273-8900, POST: UNKNOWN **FIR Contact:** 604-586-4500					
VANCOUVER INTL (CYVR - AERODROME/HELIPORT - Cert)	Lat: 49.194	Long: -123.183	5.214KM	2.815NM	N
Operator: VANCOUVER INTL AIRPORT AUTHORITY: PHONE: 604-207-7022, POST: UNKNOWN **FIR Contact:** 604-586-4500					
VANCOUVER (CHILDREN AND WOMEN'S CENTRE) (CAK7 - HELIPORT - Cert)	Lat: 49.244	Long: -123.127	11.494KM	6.206NM	N
Operator: PROVINCIAL HEALTH SERVICES AUTHORITY: FAX: 604-297-9307, PHONE: 604-677-3672, PHONE: 888-449-4857 (cell), POST: UNKNOWN **FIR Contact:** 604-586-4500					
VANCOUVER (GEN HOSPITAL) (CBK4 - HELIPORT - Cert)	Lat: 49.262	Long: -123.124	13.473KM	7.275NM	N
Operator: VANCOUVER COASTAL HEALTH: PHONE: 604-214-7337, POST: UNKNOWN **FIR Contact:** 604-586-4500					
BOUNDARY BAY (CZBB - AERODROME/HELIPORT - Cert)	Lat: 49.073	Long: -123.008	14.092KM	7.609NM	SE
Operator: ALPHA AVIATION INCORPORATED: PHONE: 604-946-5361, POST: UNKNOWN **FIR Contact:** 604-586-4500					

VANCOUVER INTL BC

CAM9



REF	N49 10 37 W123 10 15 Adj SW 17°E (2013) UTC-8(7) Elev 00′ VTA A5004 T1
OPR	Vancouver Intl Aprt Authority 604-207-7022; Seair Seaplanes 604-273-8900 or 1-800-447-3247 Reg
PF	B-1,2,3,6 C-4,5
CUST	AOE/15/SEAPL 888-226-7277 Daylight hrs only; exc hols
FLT PLN **FIC** **ACC**	 Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) IFR 604-586-4590/4591or 800-668-1333; IFR tng flts PPR ctc 604-586-4592 (collect calls accepted)
SERVICES **FUEL** **S**	Fuel & beaching 604-273-8900 or 129.30 daylight hrs. 100LL, JA 3,4,5
A/D DATA	Fraser River 066°-246°. Middle Arm 099°-279°. Tidal range 14′, shallow water close to shores. Docks, ramp. Open water all year.
COMM **RCO** **ATIS** **CLNC DEL** **TWR** **TML**	 Pacific rdo 123.15 (FISE) 124.6 restrictions are bcst on ATIS 121.4 All dep acft ctc clnc del 118.7 (South) 119.55 (North) VFR 124.02 125.65 226.5 236.6 (E) (emerg 604-775-9531) 125.2
NAV **VOR/DME**	 YVR 115.9 Ch 106 N49 04 38 W123 08 57 (37')

VANCOUVER INTL BC (Cont'd) CAM9

PRO

AIRSPACE:
See VTA chart for VFR rtes & pro. Procedures for crossing the southern Straight of Georgia within Tml Class C airspace refer to VTPC. Transponder mode C rqrd in class C airspace and CZ. CARS Part VII operators must ensure routes flown at night meet minimum altitude requirements for commercial operations.

ARR/DEP:
See Vancouver Intl CAM9 VTPC. Downwind flt alt not below 500' ASL over populated area to the S. Dep rstd til 0630 hr lcl O/T PPR from YVR Ops 604-207-7022.

NOISE ABATEMENT:
Consistent with safe acft ops, the following are recommended operational proc:
1. Tkof Westbound and ldg Eastbound are preferred when wind and water conds permit.
2. Use low RPM reduced noise tkof when able.
3. Avoid dep rte that fly over the City of Richmond, whenever possible.
4. Avoid using "reverse thrust" after ldg to slow the acft.
5. Maintain 500 ASL when flying the Westminster Hwy downwind rte.

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 866-992-7433 (866-WXBRIEF) or 866-541-4101 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, Pacific Radio 123.15, or call Kamloops FIC at 866-992-7433 (866-WXBRIEF) or 866-541-4101.

CAUTION

Low lvl overflights of heli arr/dep adj land A/D. Rough water associated with strong E or W winds (1-3′ swells). Debris in river.Twr cranes S side of Fraser River adj Olympic Oval.

VANDERHOOF WATER BC CVH3

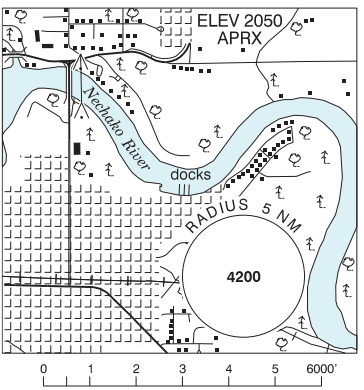
REF
N54 01 13 W123 59 53 Adj NE
17°E° (2019) UTC-8(7)
Elev 2050′ aprx A5014

OPR
Vanderhoof Flying Club
250-567-4805/8724 or 250-614-3569
Reg

PF
C-1,2,3,4,5 D-6

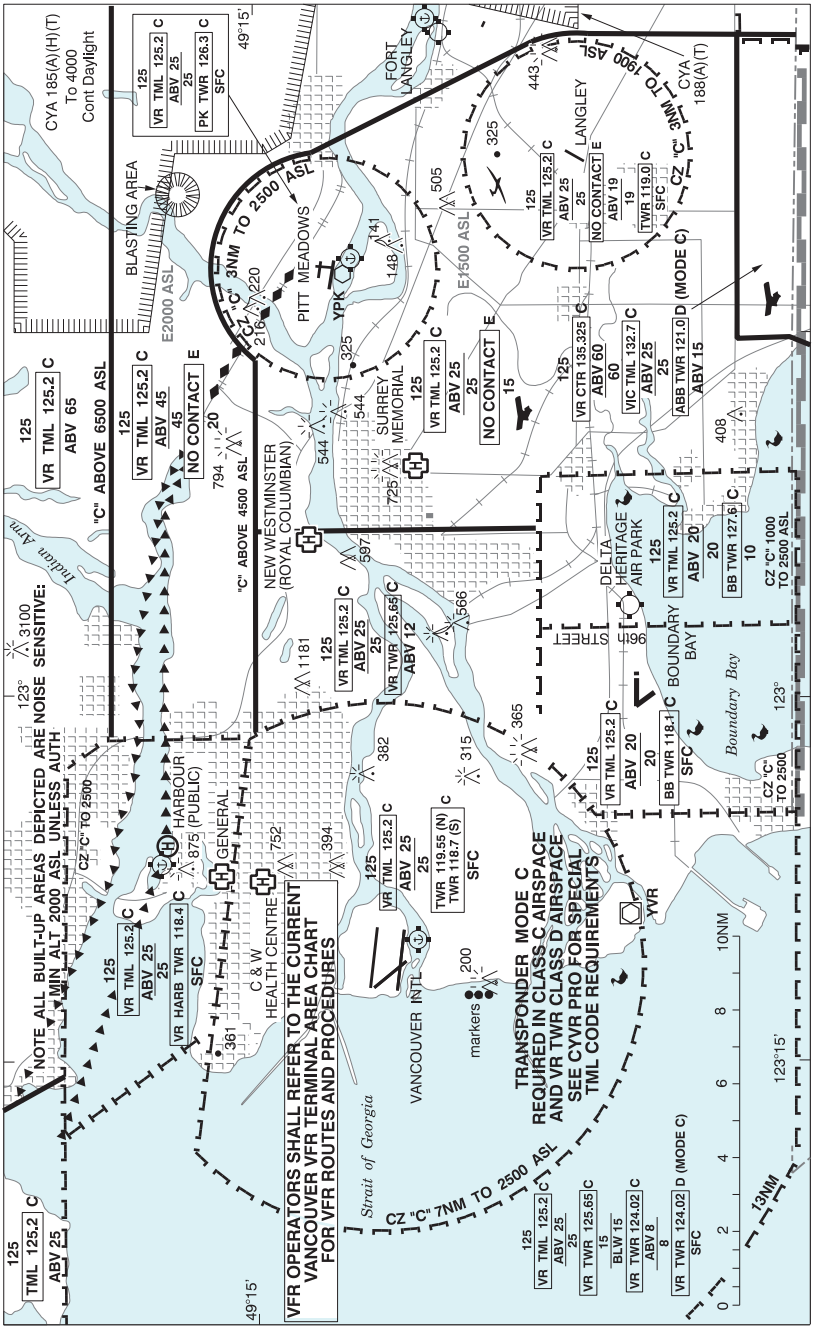
FLT PLN
FIC
Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)

SERVICES
FUEL
100LL (at land A/D), MG-1, MG-4 not avbl on site.
PVT ADV
Guardian Aerospace 250-567-2655
15-24Z‡ O/T 250-570-2670/2671
PN for float planes.

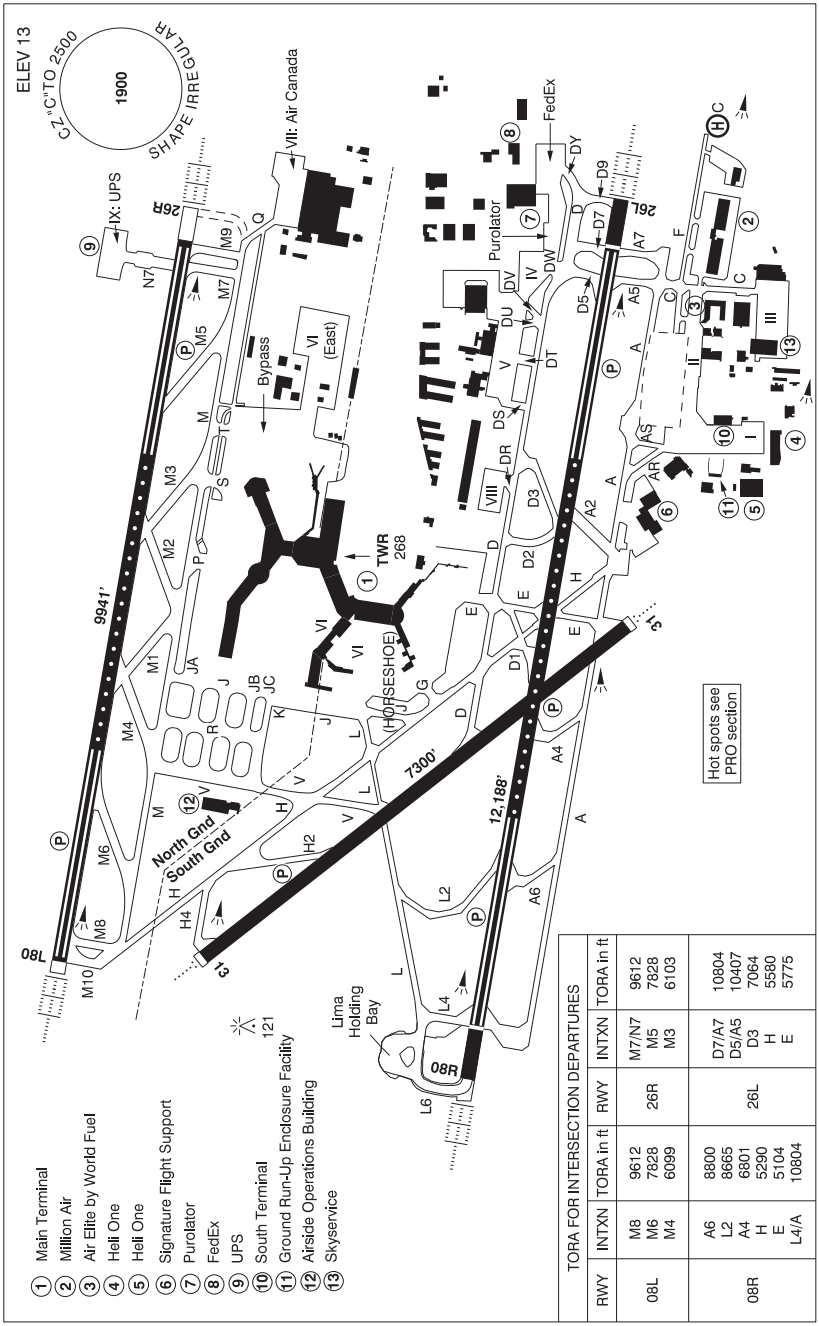


A/D DATA
Open water May 1 to Oct 30. Mud & gravel bottom.
DOCKS
3 docks on private land. Dock space not assured.

VANCOUVER VFR TERMINAL PROCEDURES CHART



VANCOUVER INTL BC CYVR



TORA FOR INTERSECTION DEPARTURES

RWY	INTXN	TORA in ft	RWY	INTXN	TORA in ft
08L	M8	9612	26R	M7/N7	9612
	M6	7828		M5	7828
	M4	6099		M3	6103
08R	A6	8800	26L	D7/A7	10804
	L2	8665		D5/A5	10407
	A4	6801		D3	7064
	H	5290		H	5580
	E	5104		E	5775
	L4/A	10804			

VANCOUVER INTL BC (Cont'd) CYVR

REF	N49 11 41 W123 10 57 Adj SW 17°E (2015) UTC-8(7) Elev 13' VTA A5004 LO2 HI3 T1 CAP OC
OPR	Vancouver International Airport Authority 604-207-7022 H24 Cert Ldg fees
PF	Main tml bldg A-1,2,3,4,5,6; South side tml bldg A-1,2,3,6 B-5
CUST	AOE 888-226-7277
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	IFR 604-586-4590/4591 or 800-668-1333; IFR tng flts PPR ctc 604-586-4592 (collect calls accepted)
WX	METAR H24. TAF H24, issue times: 00, 03, 06, 09, 12, 15, 18, 21Z. WxCam
DUAT	Esso Avitat, Landmark (Shell Aerocentre)
SERVICES	
FUEL	100LL, JA (FSII avbl), JA-1 (FSII avbl), HPR
S	1,2,3
ARFF	DESIGNATED CAT 10
SUP FL	LHOX D & A-ice
JASU	CE16, Air Start
PVT ADV	Air Elite by World Fuel 122.85 604-270-2222; Million Air 130.875 604-273-6688; Signature Flight Support 123.325 604-279-9922; Seair Seaplanes 129.30 1-800-447-3247 604-273-8900 at adj water A/D.
MIL CON	Sky Service 523-720-4882
RWY DATA	Rwy 08R(083°)/26L(263°) 12188x200 ASPH/CONC Thld 08R displ 696'. Thld 26L displ 689'. Rwy 08L(083°)/26R(263°) 9941x200 ASPH/CONC Rwy 08L first 2027' down 0.3% Rwy 13(125°)/31(305°) 7300x200 ASPH/CONC RESA: 08R/26L 984'; 08L 984'; 26R 492'; 13/31 492'
RWY CERT	Rwy 08R RVR 600/Rwy 26L RVR 600 AGN VI Rwy 08L RVR 600/Rwy 26R RVR 600 AGN VI Rwy 13/31 AGN V
TWY CERT	Twy A AGN IV East of Twy E & AGN V West of Rwy 13/31 & btwn Twy E and Rwy 13/31. Twy: AR, AS AGN IIIB Twy: A2, D2 AGN IIIA Twy: A4, A6, D1, D3, DU, DV, E, H4, JB, JC, L2, M1, M2, M3, M4, M8, N7, P, Q, T AGN V Twy: A5, A7, DR, DS, DW, DY, G, H2, S AGN IV Twy C AGN IIIB South of Twy F & AGN IV North of Twy F. Twy F AGN IIIA Twy H AGN IV South of Rwy 08R/26L Twy J AGN V South of parking position W2 Twy K AGN V East of Twy R Twy L AGN V East of Rwy 13/31
TWY	**Rwy 08L Arrivals** Use of reverse thrust is to be avoided or reduced when conditions permit. M1, M3, M5 (rapid exit): Design speed in wet conditions is 50 kt (93 km/h). Reverse turns NOT AUTHORIZED without clearance. **Rwy 08R Arrivals** Acft exiting onto D1, turn north on E, do not stop in Rwy area (See HOT SPOT 4). D1, D3 (rapid exit): Design speed in wet conditions is 50 kt (93 km/h). Reverse turns NOT AUTHORIZED without clearance.

RWY DATA (cont'd)

TWY (cont'd)

Rwy 13 Departures
Not avbl for acft with wingspan greater than 65.0m/213.3' (A380/B747-8/AN124). Not auth for A340-600, A350-900/-1000, B777-300/-300ER, B787-10.
Rwy 26R Arrivals
Use of reverse thrust is to be avoided or reduced when conditions permit. M2, M4, M6 (rapid exit): Design speed in wet conditions is 50 kt (93 km/h). Reverse turns NOT AUTHORIZED without clearance.
Rwy 26L Arrivals
Turns onto Rwy 31 NOT AUTHORIZED without clearance. Acft exiting onto Rwy 13/31: RIGHT turns onto D avbl to acft with wingspan 52.0m/170.6' (A310/B767) & smaller only. Acft exiting onto H, hold short of D, do not stop in Rwy area (See HOT SPOT 4). Reverse turns NOT AUTHORIZED without clearance.
Rwy 31 Arrivals
Not avbl for acft with wingspan greater than 65.0m/213.3' (A380/B747-8/AN124). Not auth for A340-600, A350-900/-1000, B777-300/-300ER, B787-10.
Uncontrolled twys: C (south of F), F, J (btwn L & K), Q, DR, DS, DT, DU, DV & DW.
Uncontrolled vehicle crossings: DS, DT, DU, DV, DY, F, H (north of H4), J, JA, JB, JC, K, N7, P, Q, R, S, T, V.
All Twys: Discretionary oversteer is required at every intersection for all acft types.
Twy A (W of Rwy 13/31): Not avbl for A340-600, A350-900/-1000, B777-300/-300ER, B787-10 only, due acft wheelbase.
Twy A Compass Rose: Not avbl SS-SR. Avbl to acft with wingspan 24.1m/79' (SF34) & smaller only.
Twy A (westbound): RIGHT turns onto E avbl to acft with wingspan 24.1m/79.0' & smaller only.
Twy AS: Avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only.
Twy A2: Avbl to acft with MTOW 50,000lbs (DHC-8 300/Lear 60) & less.
Twy A4, A6, D1, DU, H4, L2, M1, M2, M3: Not avbl for A340-600, A350-900/-1000, B777-300/-300ER, B787-10 only, due acft wheelbase.
Twy C (south of F): Avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. Follow me required below RVR 1200, ctc Aprt Ops.
Twy D: CAUTION: Acft cannot safely taxi via Twy D east or west past acft at the Twy D5 or Twy D7 runway holding positions. Acft with wingspan greater than 36.0m/118.1' cannot safely pass behind an acft holding on Twy D east of Twy D7.
Twy D (eastbound): LEFT turns onto H avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only.
Twy D (westbound): No left turns onto H. No left turns onto D7.
Twy D1, D3, M1-M6 (rapid exit): Design speed in wet conditions is 50 kt (93 km/h).
Twy D2: Avbl to acft with MTOW 100,000lbs (CRJ-900) & less.
Twy D7: No RIGHT turns onto D.
Twy E: Entry & exit at Apron VI avbl to acft with wingspan 60.4m/198.2' (A330-300/B787-9) & smaller only.
Twy E (N of Rwy 08R/26L): Not avbl for A340-600, A350-900/-1000, B777-300/-300ER, B787-10 only, due acft wheelbase.
Twy E (southbound): LEFT turns onto A avbl to acft with wingspan 24.1m/79.0' & smaller only.
Twy F: Avbl to acft with wingspan 24.9m/81.7' (CRJ-900) & smaller only. Follow me required below RVR 1200, ctc Aprt Ops.
Twy H (southbound): No RIGHT turns onto A, L, or H4. RIGHT turns onto D avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. No LEFT turns onto D1.
Twy H (northbound): No LEFT turns onto V or D1. No RIGHT turns onto D. RIGHT turns onto L avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only.

VANCOUVER INTL BC (Cont'd) CYVR

RWY DATA (cont'd)	Twy J (southbound): A340, B747 not auth south of Twy K due jet blast (avbl for acft under tow). All acft use min thrust when turning due jet blast. Twy J (northbound): LEFT turns onto K avbl to acft with wingspan 41.1m/134.8' (B757) & smaller only, due jet blast (avbl for acft under tow). Twy L (eastbound): Entry & exit at Apron VI avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. No LEFT turns onto H. Twy L (westbound): No RIGHT turns onto V. LEFT turns onto H avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. Twy L4 (northbound): Only acft with a max wingspan of 52.0m/170.6' (e.g. A310/B767) can hold short of L while exiting/crossing Rwy 08R/26L due to acft tail height. Twy M: When acft with wingspan greater than 65.0m/213.3' (A380/B747-8) is on the taxilane btwn Gate 66 & Gate 72, Twy M btwn Twy J and Twy T is avbl to acft with wingspan 52.0m/170.6' (A310/B767) & smaller only. Twy M4: LEFT and RIGHT turns onto M not avbl for A340-600, A350-900/-1000, B777-300/-300ER, B787-10 only, due acft wheelbase. M11: Clsd. Twy P: RIGHT turns onto M avbl to acft with wingspan 52.0m/170.6' (A310/B767) & smaller only, due jet blast (avbl for acft under tow). Twy Q: Follow me required below RVR 1200, ctc Aprt Ops. Twy V (northbound): No RIGHT turns onto H. Twy V (southbound): No LEFT turns onto L.
APRON	Apron I, II, III, IV, V, VI, VIII: PPR Airport Ops is required. PPR for all engine airstarts or crossbleed starts. Advise ATC if ground crew not present at gate. Acft pushing back from Gates 40 thru 43 ctc 127.15 (North). Apron I, II, III: Hover taxi not auth, heli must ground taxi or be towed. Apron I: Avbl to acft with wingspan 28.5m/93.5' (DHC-8 Q400) & smaller only. Apron II: Avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. Apron III: Avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. Jets tow in & out. Apron IV: Avbl to acft with wingspan 52.0m/170.6' (A310/B767) & smaller only. Taxilane east of DW avbl to acft with wingspan 32.1m/105.3' (CV-580) & smaller only. Btwn DW & FedEx not auth for taxi below RVR 1200, follow me required, ctc Aprt Ops. Apron VI (Horseshoe): Taxilanes avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. Apron VI (South): Taxilane btwn G & parking position S1 avbl to acft with wingspan 52.0m/170.6' (A310/B767) & smaller only. Apron VI (South): Taxilane east of parking position S1 avbl to acft with wingspan 60.4m/198.2' (A330-300/B787-9) & smaller only. Apron VI (North): Travelling eastbound, turns onto P avbl to acft with wingspan 52.0m/170.6' (A310/B767) & smaller only due jet blast (avbl for acft under tow). Apron VI (North): When acft with wingspan greater than 65.0m/213.3' (A380/B747-8) is on M btwn J & T, the taxilane between Gate 66 & T is avbl to acft with wingspan 52.0m/170.6' (A310/B767) & smaller only. Apron VI (East): Bypass taxilane (amber inset lighting) avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. Apron VI (East): Simultaneous use of dual taxilanes avbl to acft with wingspan 36.0m/118.1' (A321/B737) & smaller only. Apron VI (East): Pushbacks from parking positions E1-E3 to west taxilane. Pushbacks from parking positions E10-E19 to south taxilane. Apron VIII: Avbl to acft with wingspan 52.0m/170.6' (A310/B767) & smaller only. Apron FedEx, Purolator: Btwn Purolator & FedEx Aprons: Avbl to acft with wingspan 17.4m/57.1' (Metro III) & smaller only.
RCR	Opr CRFI, PCN
HELI DATA	Pad C: FATO 108' dia CONC/ASPH TLOF 33' x 33' CONC Safety Area 148' dia Max heli overall length 73'
LIGHTING	08R-AL(TE HI A TDZL) P3, 26L-AL(TE HI A TDZL) P3, 08L-AL(TE HI A TDZL) P3, 26R-AL(TE HI A TDZL) P3, 13-AO(TE ME) P3, 31-AO(TE ME) P3 Pad C: RY(HI)

VANCOUVER INTL BC (Cont'd) CYVR

COMM

RCO	Pacific rdo 123.15 (FISE)
ATIS	124.6 restrictions are bcst on ATIS
CLNC DEL	121.4 all dep acft ctc clnc del
GND	121.7 (South) 127.15 (North) 275.8
TWR	118.7 (South) 119.55 (North) VFR 124.02 125.65 226.5 236.6 (E) (emerg 604-775-9531)
TML	125.2
ARR	128.6/128.17 (Outer) 133.1 (Inner) 134.225 (Inner) 352.7
DEP	126.125 (North) 132.3 (South) 363.8

NAV

VOR/DME	YVR 115.9 Ch 106 N49 04 38 W123 08 57 (37')
DME	IVR 109.5 Ch 32 N49 11 18 W123 12 03 (18')
	IFZ 110.7 Ch 44 N49 11 02 W123 09 55
	IMK 111.1 Ch 48 N49 11 48 W123 11 59 (21')
	IRD 111.95 Ch 56(Y) N49 12 07 W123 09 51 (24')
	ITL 110.55 Ch 42(Y) N49 12 20 W123 11 47 (23')
ILS	IFZ 110.7 (Rwy 26L) RVR
	IVR 109.5 (Rwy 08R) RVR
	IMK 111.1 (Rwy 13)
	ITL 110.55 (Rwy 08L) RVR
	IRD 111.95 (Rwy 26R) RVR

PRO

Pilots should refer to Canadian Airport Charts (CAC) to obtain details on established hot spots, prior to operating on manoeuvring areas. CAC are available for free on the NAV CANADA website.

AIRSPACE: See VTA chart for VFR rtes & pro. Procedures for crossing the southern Straight of Georgia within Tml Class C airspace refer to VTPC. Transponder mode C rqrd in class C airspace and CZ. CARS Part VII operators must ensure routes flown at night meet minimum altitude requirements for commercial operations.

MULTILATERATION: All fixed wing aircraft and rotorcraft must keep their transponder on at all times when manoeuvring on the airport (turn on prior to contacting Ground Control for pushback and on arrival, remain on until final engine shutdown).

Pilots that do not have transponder code issued by ATC squawk 1000 when taxiing.

AIRPORT: Peak tfc 14-02Z‡. Noise abatement see Canada Air Pilot & VTA chart.

Run-ups, crossbleed starts, airstarts & jet engine starts on gate (Aprons I, II, III, IV, V, VI, VIII): PPR Airport Ops. No ab initio tng. For water A/D info refer to CWAS.

APU SHUTDOWN PROCEDURE: Acft Auxiliary Power Unit (APU) use shall be limited to 15 min or less in total between on-block time and departure of acft from stands supplied with gnd power unit (GPU) and/or preconditioned air, for environmental reasons. Acft on stands not equipped with svcbl GPU and/or preconditioned air need not comply with above limitation.

DE-ICING GENERAL:

Overview

West Pads is the Central De-Icing Facility (CDF) and handles de-icing for all aircraft excluding South Terminal aircraft capable of utilizing the Ground Run-Up Enclosure (GRE) which is the South De-Icing Facility.

West Pads (CDF)

1. Thirty (30) min prior to pushback or taxi, advise "VANCOUVER DE-ICE" on 129.95 and advise, "ACFT DE-ICING REQUIRED".
2. When requesting pushback, ctc Ground Control on assigned frequency and advise, "ACFT DE-ICING REQUIRED". Ground Control will issue taxi instructions to the West Pads (CDF).
3. Aircraft queuing into CDF is on W12 via Twy V or on Twy R via Twy M/Twy K. When instructed by Ground Control, ctc "PAD CONTROL" 131.975.
4. Follow "PAD CONTROL" instructions to de-icing bay, stop with nose gear positioned on the yellow STOP BAR with brakes set. Confirm brakes set to "PAD CONTROL".
5. Once aircraft is in final stop position, brakes are set and aircraft configured for de-icing, ctc "ICEMAN" on 130.700 and advise, "BRAKES SET, ACFT CONFIGURED, READY TO DE-ICE". At this time, pass along any specific fluid and/or treatment requirements.
6. After de-icing is completed and the aircraft has been inspected, "ICEMAN" will provide post-treatment information.
7. When advised by "ICEMAN", ctc "PAD CONTROL" on 131.975 for exit instructions.
8. When advised by "PAD CONTROL", ctc Ground Control on assigned frequency for taxi instructions.

UNDER NO CIRCUMSTANCES MAY THE AIRCRAFT BE MOVED BEFORE PAD CONTROL ADVISES THAT THE AIRCRAFT IS CLEARED TO TAXI OUT OF THE BAY.

PRO (Cont'd)

West Pads (CDF) De-Icing Bay Capacity:

W1 & W3: Maximum wingspan 36.0m (118.1'), AMBER inset lighting;
W2: Maximum wingspan 65.0m (213.3'), GREEN inset lighting;
W4: Maximum wingspan 36.0m (118.1'), AMBER inset lighting;
W5: Maximum wingspan 65.0m (213.3'), GREEN inset lighting;
W6: Maximum wingspan 24.9m (81.7'), AMBER inset lighting;
W7 & W9: Maximum wingspan 36.0m (118.1'), AMBER inset lighting;
W8: Maximum wingspan 65.0m (213.3'), GREEN inset lighting;
W11 & W13: Maximum wingspan 36.0m (118.1'), AMBER inset lighting;
W12: Maximum wingspan 79.9m (262.1'), GREEN inset lighting;
W15: Maximum wingspan 65.0m (213.3'), GREEN inset lighting;
W17 & W19: Maximum wingspan 36.0m (118.1'), AMBER inset lighting;
W18: Maximum wingspan 79.9m (262.1'), GREEN inset lighting.

Ground Run-up Enclosure (GRE)

Operators must receive an orientation for the GRE facility prior to use.

Crews may contact the "VANCOUVER DE-ICE" or call Aeromag Operations at (604) 278-1901 to schedule de-icing up to 120 minutes prior to departure. Information required: aircraft type, flight number/call sign, and the type(s) of fluids required. Aircraft waiting to use the GRE must remain on their aprons until instructed to access the GRE.

"ICEMAN" will advise if engines should be running during de-icing.

Entry Procedure

1. Before contacting Ground Control for taxi, contact "ICEMAN" 130.925 for position in de-icing queue.
2. When "ICEMAN" approves access to the GRE, contact Ground Control on assigned frequency for taxi.
3. Proceed into the GRE as instructed by "ICEMAN". CAUTION: DO NOT enter GRE until instructed by "ICEMAN".
4. Advise "ICEMAN" 130.925 when stopped with brakes set in the GRE.

De-Icing Procedure

5. Contact "ICEMAN" 130.925 to confirm brakes set, aircraft configured, engines idle, and provide fluid requirements.
6. After de-icing is complete and the aircraft has been inspected, ICEMAN will provide posttreatment information.

Exit Procedure

7. When ready to taxi, contact "ICEMAN" 130.925 for instructions.
8. When advised by "ICEMAN", ctc Ground Control on assigned frequency for taxi instructions.

GRE De-Icing Capacity:

The largest aircraft that can access the GRE via taxilane on Apron I are:

Propellers (power in/out): Maximum wingspan: 28.5m (93.5') (DHC-8 Q400 and smaller)

Jets (power in/out): Maximum wingspan: 21.6m (70.9') (Dassault Falcon 900 with winglets and smaller)

Jets (tow in, power out)*: Maximum wingspan: 28.5m (93.5') (Gulfstream V)

***Note:** Tow in may be unavailable when snow cannot be fully cleared from the GRE.

PRO (Cont'd)

ATC:
IFR Clearance Acknowledgement
IFR clearance read back with Vancouver Tower clearance delivery shall include the acft call sign, assigned SID name and transponder code.
Ground Control Procedure
YVR GND is divided into two sectors with separate freq. Ctc the next GND sector crossing the N/S boundary unless otherwise instructed by ATC.
Apron VI Users: See Standard Taxi Arrival/departure Procedures.

PARKING: W1-19 power in and out; E1-E19 power in & tow out.

ARRIVALS:
Flow Times - IFR
Acft planning IFR flt (including round-robin tng & test flt) into CYVR should ctc ATS prior to dep to determine flow status. If unable to determine thru ATS, ctc National Traffic Management Unit (FLOW CTL) 877-987-2055.
Slots
In support of CYVR available arrival slots, IFR acft dep from KBLI or from within the Vancouver FIR exc CYQQ, CYPW, CAT4, CBS8 or CSR6 destined for CYVR are required to ctc TWR, FSS or FIC 30-90 min prior to dep for an approved dep time.

IFR acft dep CYQQ, CYPW, CAT4, CBS8 and CSR6 destined for CYVR are required to ctc CYQQ Terminal 250-339-8115 30-45 min prior to dep for an approved dep time.

IFR acft dep CYYJ, ctc CLNC DEL on freq 126.4 30-90 min prior to dep for an approved dep time.

MEDEVAC IFR acft dep from all locations destined for CYVR shall contact the appropriate agency as soon as possible and advise of their proposed dep time.

FLOAT:
Amphibious Aircraft: Contact 604-303-3536 on arr for float plane gate access.

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 123.15 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 Meadowsor call Kamloops FIC at 866-541-4101 or PAC RDO 123.15.
-All acft arriving Victoria Intl from a non NAV CANADA site call Kamloops FIC at 866-541-4101 or PAC RDO 123.15 for code assignment at least 30 minutes prior to flight or file a VFR Flight Plan/ Flight Itinerary.

DEPARTURES:
Coded Taxi Routes
READ BACK: "CODE ROUTE (code) & ASSIGNED RWY"
Monitor TWR freq approaching the hold line of the assigned rwy, unless otherwise instructed by ATC.
Rwy 08R/26L - TWR 118.7 Rwy 08L/26R -TWR 119.55

PRO (Cont'd)

CODETAXI ROUTE

EchoRwy 08R-E, D, H, hold short L.
Rwy 08L-E, D, H, hold short V, ctc gnd 127.15 (expect taxi via H, M, M10).
Rwy 26R-E, D, H, hold short V, ctc gnd 127.15 (expect taxi via V, M, M9).
Rwy 26L-E, D.

GolfRwy 08R-G, H, hold short L.
Rwy 08L-G, H, hold short V, ctc gnd 127.15 (expect taxi via H, M, M10).
Rwy 26R-G, H, hold short V, ctc gnd 127.15 (expect taxi via V, M, M9).
Rwy 26L-G, H, D.

Juliet-Alpha*Rwy 08R-JA, J, K, V, hold short H, ctc gnd 121.7 (expect taxi via V, L, L6).
Rwy 08L-JA, J, M, M10
Rwy 26R-JA, J, M, M9
Rwy 26L-JA, J, K, V, hold short H, ctc gnd 121.7 (expect taxi via H, D).

Juliet-Bravo*Rwy 08R-JB, J, K, V, hold short H, ctc gnd 121.7 (expect taxi via V, L, L6).
Rwy 08L-JB, J, M, M10
Rwy 26R-JB, J, M, M9
Rwy 26L-JB, J, K, V, hold short H, ctc gnd 121.7 (expect taxi via H, D).

Juliet-Charlie*Rwy 08R-JC, K, V, hold short H, ctc gnd 121.7 (expect taxi via V, L, L6).
Rwy 08L-JC, J, M, M10
Rwy 26R-JC, J, M, M9
Rwy 26L-JC, K, V, hold short H, ctc gnd 121.7 (expect taxi via H, D).

LimaRwy 08L-L, H, hold short V, ctc gnd 127.15 (expect taxi via H, M, M10).
Rwy 26R-L, H, hold short V, ctc gnd 127.15 (expect taxi via V, M, M9).
Rwy 26L-L, J, H, D

Papa*Rwy 08R-P, M, V, hold short H, ctc gnd 121.7 (expect taxi via V, L, L6).
Rwy 08L-P, M, M10
Rwy 26R-P, M, M9 (avbl to acft with wingspan 52.0m (170.6') & smaller only).
Rwy 26L-P, M, V, hold short H, ctc gnd 121.7 (expect taxi via H, D).

SierraRwy 08R-S, M, V, hold short H, ctc gnd 121.7 (expect taxi via V, L, L6).
Rwy 08L-S, M, M10
Rwy 26R-S, M, M9
Rwy 26L-S, M, V, hold short H, ctc gnd 121.7 (expect taxi via H, D).

Tango*Rwy 08R-T, M, V, hold short H, ctc gnd 121.7 (expect taxi via V, L, L6).
Rwy 08L-T, M, M10
Rwy 26R-T, M, M9
Rwy 26L-T, M, V, hold short H, ctc gnd 121.7 (expect taxi via H, D).
*A340-600, A350-900/-1000, B777-300/-300ER, B787-10 Taxi Routes

PRO (Cont'd)
HELI

Heli with max heli overall length greater than 73': Tkof/ldg from rwy thld only.
Heli arr/dep permitted from Pad C or destination FBO (PPR).

NOISE

NOISE ABATEMENT PROCEDURES:
These procedures apply to JET ACFT unless noted otherwise.
DEP PROCEDURES
JET ACFT
1. NADP 1 or 2 (Noise Abatement Dep Proc) required for all runways. Advise ATC CLNC DEL if using NADP 1. Follow SID to 3000' BPOC.
2. Rwy 08R btn 2300- 0600 local; acft on westerly routes follow assigned SID to 2000' BPOC.
3. ICAO Annex 16 Chapter 2 or FAA part 36 Stage 2 cert acft; departures on runways 08L and 26R not permitted.

ARR PROCEDURES
IFR APPROACHES & PUBLISHED VISUAL APPROACHES
Use low power/drag profiles consistent with safe oprg procedures, conforming to published visual approaches and as directed by ATC.
VFR APPROACHES
Conform to published VTA routes and as directed by ATC.
REVERSE THRUST - LDG
All runways: Use of reverse thrust is to be avoided or reduced when conditions permit.
NIGHT RESTRICTIONS
LOCAL TIME PROCEDURE
1. **0001- 0600: Dep** of ICAO Annex 16 Chapter 2 or FAA FAR Part 36 Stage 2 cert JET ACFT 34,000 kg and over not permitted.
2. **0001- 0600: Dep** of JET AIRCRAFT rated over 34,000 kg (MTOW), regardless of actual take-off weight, require prior approval from YVRAA OPERATIONS.
3. **2200- 0700: Dep/Arr** of all acft on runways 08L & 26R not permitted*.
4. **2200- 0700: Local Tng Flights** not permitted.

* **See CONTACT & APPROVALS Section below.**

ALL AIRCRAFT (Priority Flights Exempt)

LOCAL TIME	PREFERENTIAL RUNWAY USAGE
1. 0600-2300	Defer to westerly flow
One direction flow	Minimize departures on Rwy 13 and arrivals on Rwy 31
2. 2300-0600	Westerly flow for departures and easterly flow for arrivals
Two direction flow	Minimize departures on Rwy 13 and arrivals on Rwy 31

Subject to limiting factors including: physical condition of surfaces; irregular airfield operations; crosswind and tailwind conditions; and traffic volume. (MEDEVACS EXEMPT)

ENGINE RUN-UP RESTRICTIONS
Maint engine run-ups for all ACFT require prior approval from YVRAA OPS. Guidelines are contained in the Aprt Ops Directive, Acft Engine Run-ups.

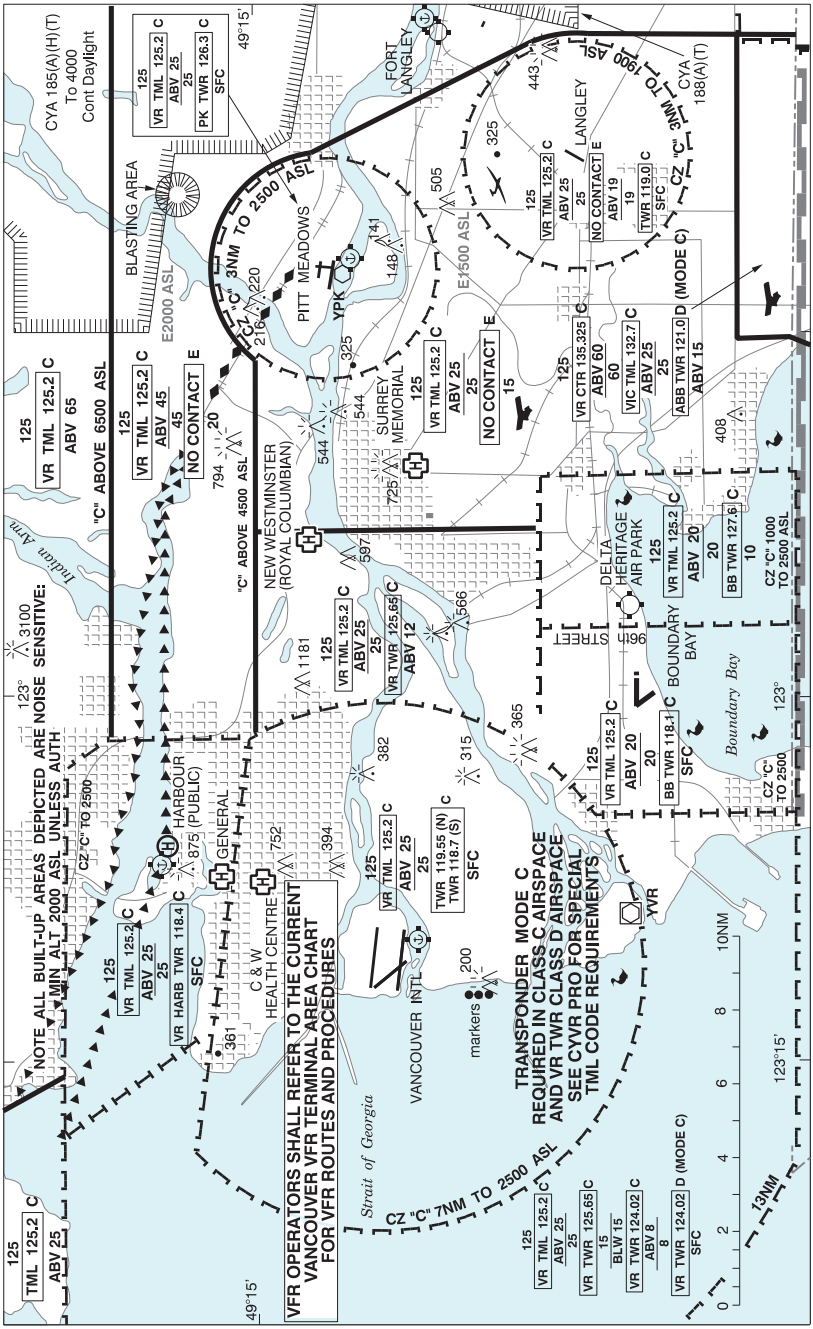
ENGINE START RESTRICTIONS
PPR YVR OPS for all engine airstarts or crossbleed starts on Aprons I, II, III, IV, V, VI, VIII.

ALT RESTRICTIONS
1. Exclusive of the dep & arr procedures, no departing or arriving acft shall opr over the City at less than 5000' ASL (8000' btn 2300-0700 local time - except acft oprg on published RNAV STAR).
2. The City is defined as that area lying btn the S arm of the Fraser River and the N Shore Burrard Inlet and from Point Gray to the eastern bdry of the Vancouver Control Zone.

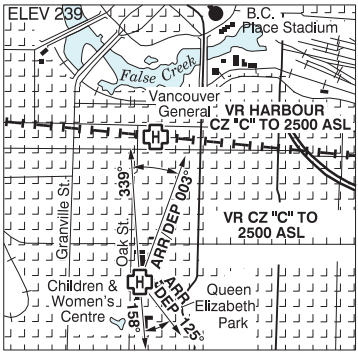
VANCOUVER INTL BC (Cont'd) CYVR

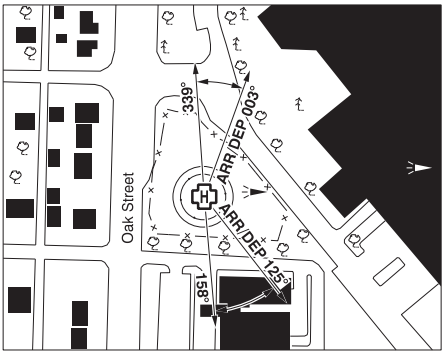
PRO (Cont'd) **NOISE (cont'd)**	**CONTACT & APPROVALS** Night Restrictions #3: YVRAA OPS may permit exemptions for emergencies and airfield maint. For planning purposes, Rwy 08L/26R will be the operational runway whenever Rwy 08R/26L is unavailable due to emergencies or airfield maintenance. **Tel: 604-207-7022, Airport_Operations@yvr.ca** **IT IS THE PILOT'S RESPONSIBILITY TO ADHERE TO PUBLISHED NOISE ABATEMENT PROCEDURES.** **Airport Reservation Office (ARO)** Airport Reservation Office (ARO) pro for all General and Business Aviation acft operating IFR & VFR flt. Operators must file a dep and arr reservation through the Online Coordination. System (OCS): https://www.online-coordination.com/. For more information contact ARO at 604-303-3193.
CAUTION	Oct-Apr Migratory birds in vic of aprt; resident Snow Goose population, Significant hazard at and BLW 400 AGL W of the thld of Rwy 08R and Rwy 08L out to 1.9NM. ALL JET ACFT: Light acft susceptible to jetblast when turning fr Twy F on to Twy C. Frequent VFR float acft activity on river S side of aprt.

VANCOUVER VFR TERMINAL PROCEDURES CHART



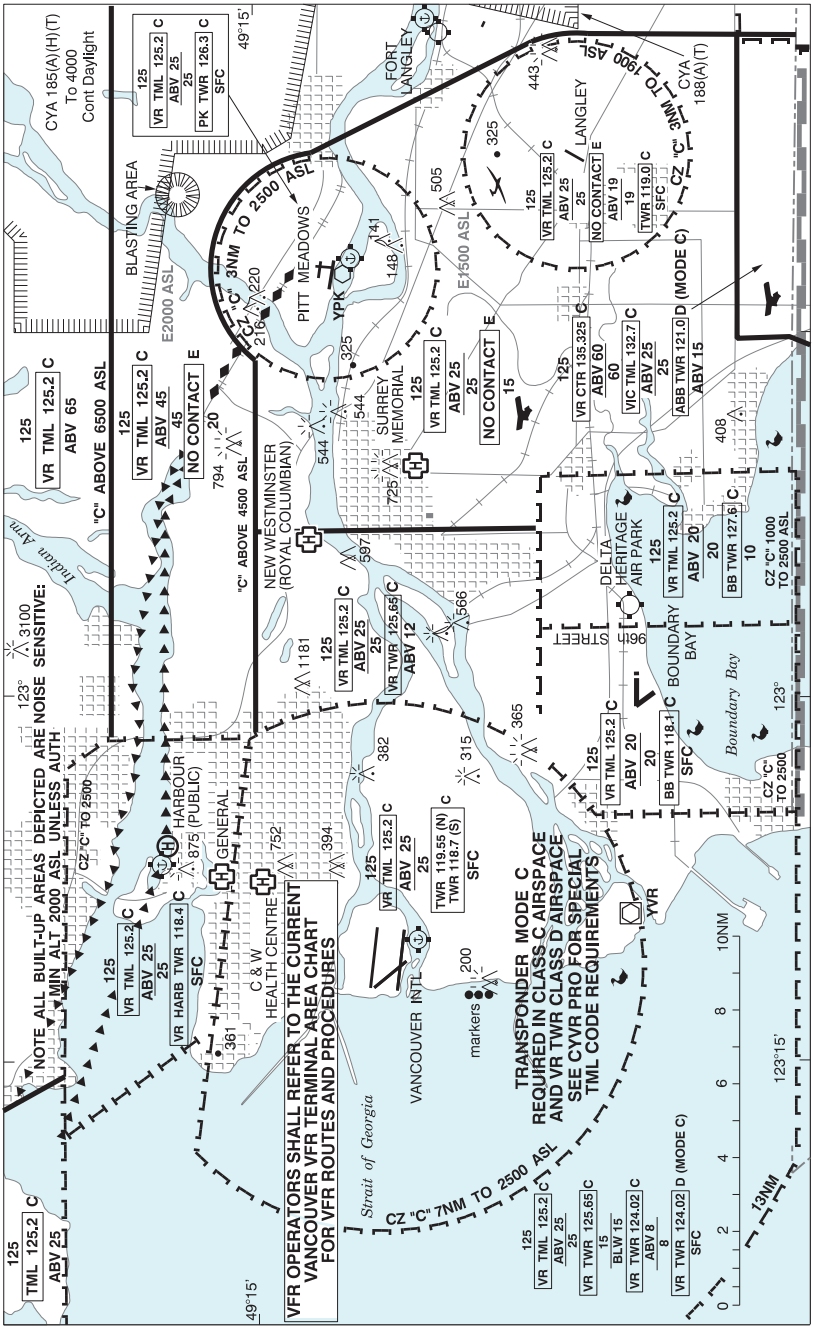
VANCOUVER (CHILDREN & WOMEN'S HEALTH CENTRE) BC (Heli) CAK7



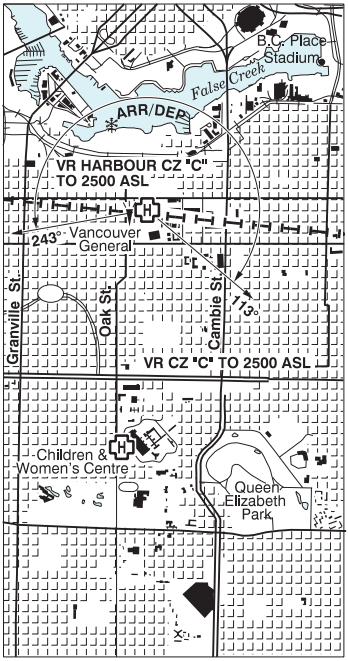


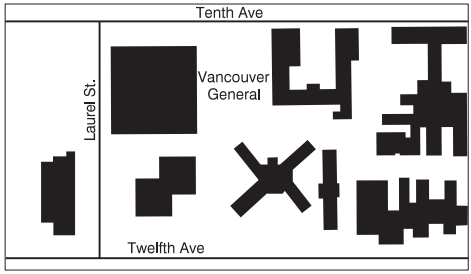
REF	N49 14 38 W123 07 38 17°E (2014) UTC-8(7) Elev 239´ VTA A5004
OPR	Provincial Health Services Authority 604-677-3672 Cert NVIS OPS AUTH PPR
PF	B-1,2,4 C-3,5,6
FLT PLN **FIC**	 Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO 86' dia GRASS TLOF 45' dia CONC Safety Area 115' dia Max heli overall length 57' (CAR 602.96)
LIGHTING	RW(ME) green LED PN ARCAL-122.8 type K PN
COMM **ATIS** **TWR** **A/G**	 Vancouver 124.6 Vancouver 124.02 Hosp Security 158.76 FM 3 min PN
PRO	Arr/dep 125° to 158° (H1), day/night use (CAR 602.96). Arr/dep 339° to 003° (H1), day/night use (CAR 602.96). Noise sensitive area, use noise abatement profile for acft type. Transponder mode C rqrd in CZ & tml class "C" airspace.
CAUTION	Numerous unlit trees all quads. Numerous cranes within 800' of heli max 549' ASL.

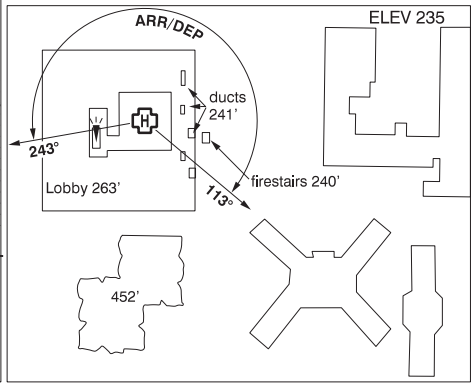
VANCOUVER VFR TERMINAL PROCEDURES CHART



VANCOUVER (GEN HOSP) BC (Heli) CBK4

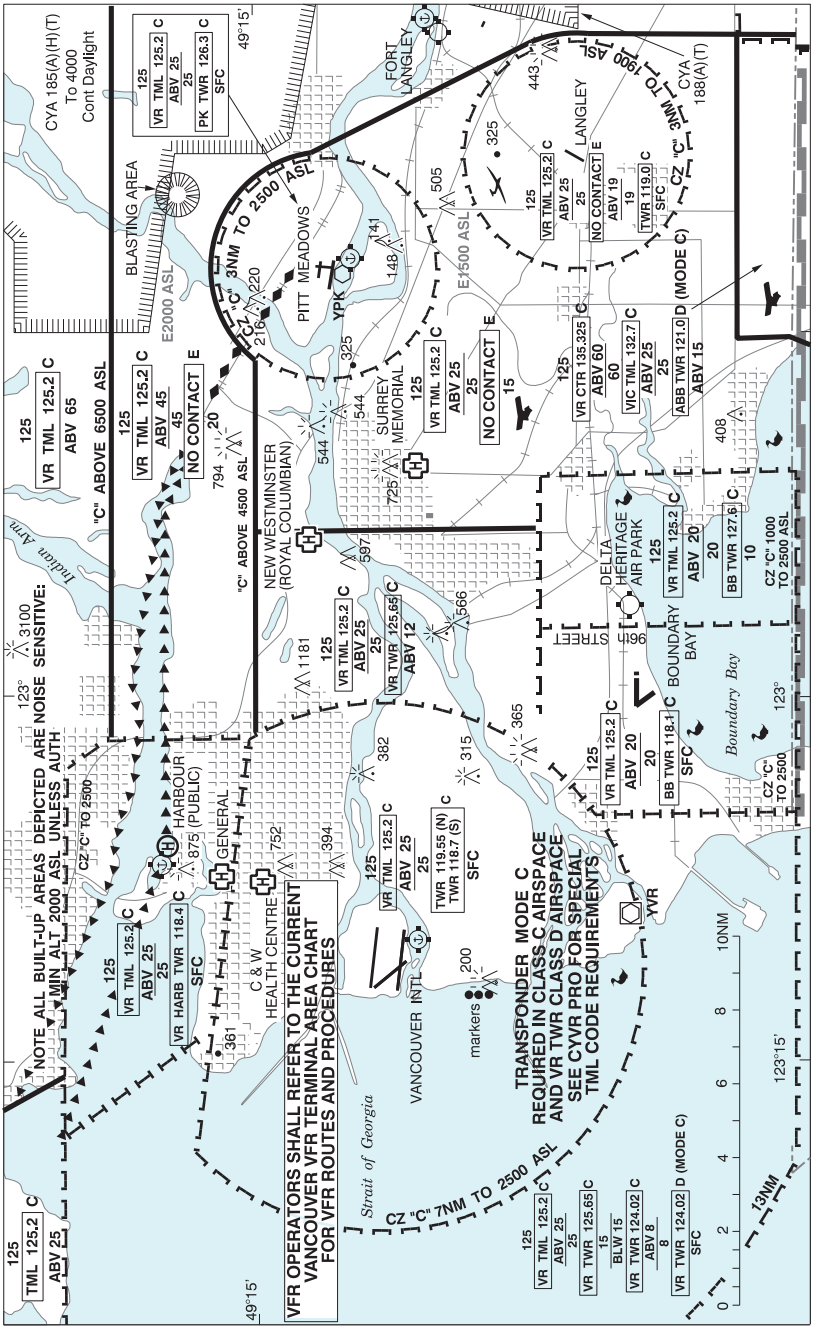




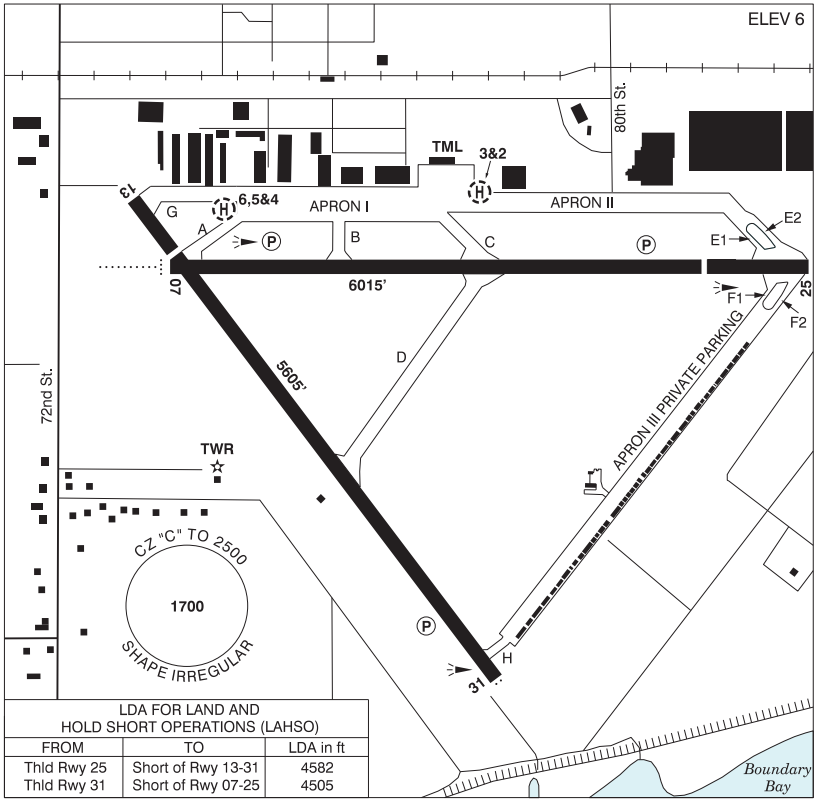


REF	N49 15 43 W123 07 28 17°E (2014) UTC-8(7) Elev 235´ VTA A5004
OPR	Vancouver Coastal Health 604-214-7337 Cert PPR
PF	B-1,2,4 C-3,5,6
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
HELI DATA	FATO 86' x 86' CONC TLOF 73' x 73' CONC elevated Safety Area 115' dia 18,000 lbs Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
LIGHTING	RY(ME) green LED ARCAL-123.2 type K
COMM	
ATIS	Vancouver Harbour 126.8 dur twr hrs of ops
CLNC DEL	Vancouver Harbour 125.35 all dep acft ctc clnc del only if instructed to do so on ATIS
TWR	Vancouver Harbour 118.4 (V) 15-02Z‡ or til 1/2 hr after SS, whichever is later, O/T tfc Vancouver Harbour CZ shape irregular 2500 ASL.
A/G	Hosp Security 158.76 FM 3 min PN
PRO	Arr/dep 243° to 113° fr heli (H1) (CAR 602.96).

VANCOUVER VFR TERMINAL PROCEDURES CHART



VANCOUVER / BOUNDARY BAY BC CZBB



LDA FOR LAND AND HOLD SHORT OPERATIONS (LAHSO)		
FROM	TO	LDA in ft
Thld Rwy 25	Short of Rwy 13-31	4582
Thld Rwy 31	Short of Rwy 07-25	4505

REF	N49 04 24 W123 00 30 8.5SSE 17°E (2011) UTC-8(7) Elev 6´ VTA A5004 LO2 HI3 T1 CAP
OPR	Alpha Aviation Inc. 604-946-5361 Cert PPR (see PRO)
PF	A-1,2,3,6 C-4,5
CUST	AOE/15 888-226-7277 15-06Z‡
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
ACC	Vancouver IFR 604-586-4590/4591; IFR tng flts PPR ctc 604-586-4592
WX	LWIS H24 LAWO 15-07Z‡
SERVICES	
FUEL	100LL (truck or H24 cardlock), JA-1
OIL	All
S	1,2,3,4,5,6
PVT ADV	Boundary Bay Air Services 122.95 or 866-946-2922 15-02Z‡ O/T call out chg

VANCOUVER / BOUNDARY BAY BC (Cont'd) CZBB

RWY DATA	Rwy 07(073°)/25(253°) 6015x100 ASPH Thld 25 displ 1006' Rwy 13(126°)/31(306°) 5605x100 ASPH Thld 13 displ 656'
RWY CERT	Rwy 07/25 AGN IIIB Rwy 13/31 AGN IIIB
TWY CERT	Twy B AGN II
TWY	Twy E1, E2, F1, F2: Simultaneous use of E1 and E2 taxiways restricted to a wing-span of 32 m (105 ft). Discretionary oversteer required for intersections of Twy E1, E2, F1, F2. Outer main gear wheel span 6m (20 ft) up to but not including 9m (30 ft).
APRON	Apron 3 pvt prkg only. No itinerant acft.
RCR	Opr CRFI/RSC avbl 15-04Z‡ No win maint btwn 04-15Z‡
HELI DATA	Parking Pads 2 & 3: 68' dia CONC Max heli overall length 57' Parking Pads 4 & 6: 60' dia CONC Max heli overall length 50' Parking Pad 5: 65' dia CONC Max heli overall length 54' Parking Pads 2 & 3 day use tkof/ldg, hover, taxi & prkg. Ngt use prkg only (CAR 602.96).
LIGHTING	07-AD (non-std 1400') (TE ME) P2, 25-(TE ME) P2 3.5°, 13-(TE ME), 31-AS(TE ME) P2 When TWR clsd ARCAL-118.1 type K.
COMM	
ATIS	125.5 15-07Z‡
GND	124.3 15-07Z‡
TWR	118.1 (inner) 127.6 (outer) (V) to 2000 ASL 15-07Z‡ (emerg only 604-946-0911) Vancouver TML 125.2 abv 2000 ASL
MF	tfc 118.1 to 2000 ASL 07-15Z‡ Vancouver TML 125.2 abv 2000 ASL. CZ shape irregular to 2500 ASL. (CAR 602.98) Excluding that portion which penetrates Delta Heritage Air Park ATF dur daylight hrs.
NAV	
VOR/DME	VANCOUVER YVR 115.9 Ch 106 N49 04 38 W123 08 57 (37')
PRO	VFR acft with transponder squawk code assigned by ATC. All circuits 800 AGL. Rgt hand circuits Rwys 25 & 31 (CAR 602.96). Rwy 13/31 preferred for ngt ops. Pilots to open/close Flt Plns with Kamloops FIC via phone or Kamloops FIC 123.15 when practicable. Procedures for crossing the southern Strait of Georgia within Tml Class C airspace refer to Vancouver Intl VTPC. No circuits Rwy 07/25 23-07 lcl. Avoid over-flying noise sensitive area unless unable due to crosswind limitations or other safety considerations or as directed by ATC. Arr/Dep: No turns BLW 400'. After dep Rwy 25 turn crosswind as rqrd to remain E of railway tracks. Arr Rwy 07 turn base E of noise sensitive area. No departures fr taxi B. Conform to published VTA routes and as directed by ATC. PPR for Jet acft and acft over 12500 lbs GTOW. Ctc OPR for advsy info.
PRO (Cont'd)	**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 123.15 or 122.375 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 123.15 or 122.375. - All acft arriving Victoria Intl from a non NAV CANADA site call Kamloops FIC at 866-541-4101 or PAC RDO 123.15 or 122.375 for code assignment at least 30 minutes prior to flight or file a VFR Flight Plan/ Flight Itinerary.

VANCOUVER / BOUNDARY BAY BC (Cont'd) CZBB

Delta Heritage Air Park 2.5NM E no overflights below 1000 ASL. (See VTPC).

All arriving and transiting A/C Contact TWR 127.6 on initial contact.
All Departures contact TWR 127.6 climbing through 800 ASL unless otherwise instructed.

Rwy 07 or 13:
Arrivals fr E - report COURTHOUSE not below 1500 expect COURTHOUSE ARRIVAL left downwind Rwy 07 or left base Rwy 13.
Arrivals fr S or W - report WEST POINT expect WEST POINT ARRIVAL rgt base Rwy 07 or rgt downwind Rwy 13.
Departures to E - expect AUTOMALL DEPARTURE.
Departures to W or S - expect POINT ROBERTS DEPARTURE.

Rwy 25 or 31:
Arrivals fr E - report AUTOMALL expect AUTOMALL ARRIVAL straight in Rwy 25 or rgt base Rwy 31.
Arrivals fr S - report POINT ROBERTS expect POINT ROBERTS ARRIVAL left downwind to Rwy 25 or Left base Rwy 31.
Departures to E - expect COURTHOUSE DEPARTURE or FRASER BRIDGE DEPARTURE.
Departures to the W or S - expect WEST POINT DEPARTURE.

HELI

All heli ctc gnd for departure instructions.
GAS STATION DEPARTURE Track eastbound over Hwy 99. Not above 500 ASL til GAS STATION. Transmit intentions to Delta Air Park tfc on 123.3 prior to GAS STATION if BLW 1000 ASL. Ctc ZBB TWR on 127.6 after passing AK3 if climbing to 1000 ASL or abv.
LANDFILL ARRIVAL Report approaching HWY 91 track 1 NM North of Hwy 99 to LANDFILL. Transmit intentions to Delta Air Park tfc on 123.3 prior to crossing Hwy 91. Overfly LANDFILL 500 ASL or below. Cross Hwy 99 abm LANDFILL to apron.

ARR/DEP N or NW will be routed via LANDFILL. Cross LANDFILL 500 ASL or BLW. Heli in excess of 58' overall length PPR.

Heli ops prohibited within 30' vertical & 90' horizontal fr all refueling eqpt.

CAUTION Extensive bird activity. High density tfc area E of CZ. Extensive flt tng ops.