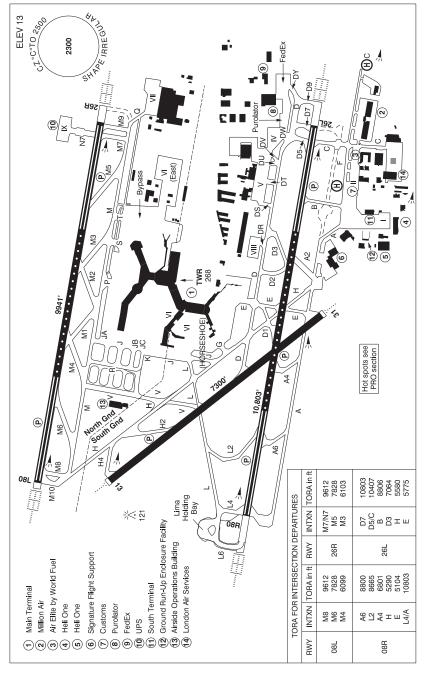
AERODROME/FACILITY DIRECTORY

VANCOUVER INTL BC



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 123 ARFF **DESIGNATED CAT 10** LHOX D & A-ice SUP FL JASU CE16, Air Start PVT ADV Air Elite by World Fuel 122.85 604-270-2222; Million Air 122.95 604-273-6688; Signature Flight Support 123.235 604-279-9922; Seair Seaplanes 122.85 1-800-447-3247 604-273-8900 at adj water A/D. MIL CON Signature Flight Support 604-279-9922 RWY DATA Rwy 08R(083°)/26L(263°) 10803x200 ASPH/CONC Rwy 08L(083°)/26R(263°) 9941x200 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 J AGN V South of parking position W2 Twy K AGN V East of Twy R TWY WIDE BODY AIRCRAFT: A380*/B747-8/AN124 AVAILABLE TAXIWAYS: D, D3, D5, D7, D9, DT, H (north of Rwy 08R/26L), J (north of parking position W2), JA, K (west of R), L (west of 13/31), L4, L6, M, M5, M6, M7, M9, M10, R & V. Discretionary oversteer is required at every intersection. *A380: When A380 is on Twy M between Twy J and Twy T, the Taxilane between Gate 66 & Twy T is restricted to B757 & smaller (& vice versa). A340-600/B777-300/A350-900/A350-1000/B787-10 AVAILABLE TAXIWAYS: D, D3, D5, D7, D9, DT, DY, E (south of Rwy 08R/26L), H (north of Rwy 08R/26L), J, JA, JB, JC, K, L (west of J), L4, L6, M, M4, M5, M6, M7, M8, M9, M10, P, T, R & V. Discretionary oversteer is required at every intersection. 08L ARRIVALS:

Use of reverse thrust is to be avoided or reduced when conditions permit.

08R ARRIVALS:

L

Acft exiting onto D1, turn north on E. Do not stop in rwy area.

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VANCOUVER INTL BC (Cont'd)

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J.	T	v		1

RWY DATA (cont'd) TWY	26R ARRIVALS: Use of reverse thrust is to be avoided or reduced when conditions permit. 26L ARRIVALS:
(cont'd)	Turns onto Rwy 31 NOT AUTHORIZED without clearance. Acft exiting onto Rwy 13/31: RH turns onto D rstd to B767/A310 & smaller, discretionary oversteer is required. Acft exiting onto H, hold short of D. Do not stop in rwy area.
	13 DEPARTURES: Not authorized for A340-600/B777-300/A350-900/A350-1000/B787-10 & larger. 31 ARRIVALS:
	Not authorized for A340-600/B777-300/A350-900/A350-1000/B787-10 & larger. 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.
	A (east of E): Rstd to B767/A310 & smaller. A: Compass Rose: Not avbl SS-SR.
	A2: Rstd to Lear 60/DH8-300 & smaller. B: Rstd to B767/A310 & smaller. C (south of F): Rstd to B737/A321 & smaller. Follow me rqrd below RVR 1200, ctc Aprt Ops.
	C (north of F): Rstd to B767/A310 & smaller. D: Acft cannot safely taxi via Twy D East or West past acft at the Twy D5 or Twy D7 hold lines.
	D (eastbound): No left turns onto H by A321/B737-900 & larger. D (westbound): No left turns onto H. No left turns onto D7. Right hand turns onto Twy. DR - discretionary oversteer required. D2: Rstd to CRJ-900 & smaller.
	D3: Design speed in wet conditions is 50 kt (95 km/h). D7: No RH turns onto D. DR & DS: Rstd to B767/A310 & smaller.
	DW: Rstd to B757 & smaller. E (north of D): Rstd to A330/B787-10 and smaller. F (west of C): Rstd to B767/A310 & smaller.
	F (east of C): Rstd to CRJ-900 & smaller. Follow me required below RVR 1200, ctc Aprt Ops. G: Rstd to A310/B767 & smaller.
	H (southbound): No right turns onto A, L, or H4, no right turns onto D by B737-900/A321 & larger. No left turns onto D1.
	H (northbound): No left turns onto V. No right turns onto D. No right turns onto L for B767/A310 & larger. H (south of Rwy 08R/26L): Rstd to B767/A310 & smaller.
	H2: Avbl to B767, A310 & smaller. J (southbound): B747/A340 not auth S of Twy K. All acft use min thrust when turning
	due jet blast. J (northbound): No left turns onto K by acft B767/A310 & larger. L: Entry & exit at Apron VI rstd to B737/A321 & smaller. No right turns onto V. L4: (northbound): A330/B787 & larger cannot hold short of L while exiting Rwy 08R/26L due to acft tail height.
	M1-M6 (rapid exit): Design speed in wet conditions is 50 kt (95 km/h). M3: Not avbl to A340-600/B777-300/A350-900/A350-1000/B787-10 & larger. M4: No left or right turns onto M for A340-600/B777-300/A350-900/A350-1000/B787 10 & larger. M11: Clsd.
	P: Right turn onto M rstd to B767/A310 & smaller. Q: Follow me required below RVR 1200, ctc Aprt Ops. S: Rstd to B767/A310 & smaller. V: No left turns onto L.

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CYVR

VANCOUVER INTL BC (Cont'd)

RWY DATA (cont'd) APRON RCR	
HELI DATA	Pad B: FATO 79' x 79' CONC TLOF 47' x 47' CONC Safety Area 106' x 106' Max heli overall length 52.6' 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 B: RY(HI) Pad C: RY(HI)
COMM RCO ATIS CLNC DEL GND TWR TML ARR DEP	Pacific rdo 123.15 (FISE) 124.6 restrictions are bcst on ATIS 1-877-517-2847 121.4 all dep acft ctc clnc del 121.7 (South) 127.15 (North) 275.8 118.7 (South) 119.55 (North) VFR 124.02 125.65 226.5 236.6 (E) (emerg 604-775-9531) 125.2 128.6/128.17 (Outer) 133.1 (Inner) 134.225 (Inner) 352.7 126.125 (North) 132.3 (South) 363.8
NAV VOR/DME DME	YVR 115.9 Ch 106 N49 04 38 W123 08 57 (37') 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 (21') ITL 110.55 Ch 42(Y) N49 12 20 W123 11 47 (23') IFZ 110.7 (Rwy 26L) RVR LOC reliable only within 10° either side of centreline; IVR 109.5 (Rwy 08R) RVR LOC reliable only within 10° either side of centreline; IMK 111.1 (Rwy 13) LOC reliable only within 10° either side of centreline; ITL 110.55 (Rwy 08L) RVR LOC reliable only within 10° either side of centreline; ITL 110.55 (Rwy 08L) RVR LOC reliable only within 10° either side of centreline; ITL 110.55 (Rwy 08L) RVR LOC reliable only within 10° either side of centreline; IRD 111.95 (Rwy 26R) RVR LOC reliable only within 10° either side of centreline;

CYVR

VANCOUVER INTL BC (Cont'd)

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: Pilots 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 ctc YVR ops 604-207-7022, Fax 604-276-6099. 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)

- Thirty (30) min prior to pushback or taxi, advise "VANCOUVER DE-ICE" on 129.95 and advise, "ACFT DE-ICING REQUIRED".
- When requesting pushback or taxi clearance, ctc Ground Control on assigned frequency and advise, "ACFT DE-ICING REQUIRED". Ground Control will issue taxi instructions to the West Pads (CDF).
- 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.
- Follow "PAD CONTROL" instructions to de-icing bay, stop with nose gear positioned on the yellow STOP BAR with brakes set.
- Once aircraft is in final stop position, brakes are set and aircraft configured for deicing, 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.
- After de-icing is completed and the aircraft has been inspected, "ICEMAN" will provide post-treatment information.
- When advised by "ICEMAN", ctc "PAD CONTROL" on 131.975 for exit instructions.
- 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.

AERODROME/FACILITY DIRECTORY

VANCOUVER INTL BC (Cont'd) CYVR PRO (Cont'd) West Pads (CDF) De-Icing Bay Capacity: W1 & W3: Maximum wingspan 36m (118'), AMBER inset lighting: W2: Maximum wingspan 65m (213'), GREEN inset lighting; W4: Maximum wingspan 36m (118'), AMBER inset lighting; W5: Maximum wingspan 65m (213'). GREEN inset lighting: W6: Maximum wingspan 26m (85'), AMBER inset lighting; W7 & W9: Maximum wingspan 36m (118'), AMBER inset lighting; W8: Maximum wingspan 65m (213'), GREEN inset lighting; W11 & W13: Maximum wingspan 36m (118'), AMBER inset lighting; W12: Maximum wingspan 80m (262'), GREEN inset lighting; W15: Maximum wingspan 65m (213'), GREEN inset lighting; W17 & W19: Maximum wingspan 36m (118'), AMBER inset lighting; W18: Maximum wingspan 80m (262'), 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. Parking position 2A, on Apron I, is the only staging position for the facility. Aircraft waiting to use the GRE must remain on their aprons until 2A becomes available. "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-icina aueue. 2. When "ICEMAN" approves access to either the staging position (2A) or GRE, contact Ground Control on assigned frequency for taxi. Proceed as instructed by "ICEMAN". CAUTION: DO NOT enter GRE until instructed by "ICEMAN". 4. Advise "ICEMAN" 130.925 when stopped in the GRE. De-Icina Procedure 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.

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CYVR

VANCOUVER INTL BC (Cont'd)

PRO (Cont'd) Exit Procedure

When ready to taxi, contact "ICEMAN" 130.925 for instructions.
 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 II are:

 Propellers (power in/out):
 Maximum wingspan: 28.9m (95') (DH8-Q400 and smaller)

 Jets (power in/out):
 Maximum wingspan: 21.6m (71') (Dassault Falcon 900 with winglets and smaller)

 Jets (tow in, power out):
 Maximum wingspan: 28.9m (95') (Global Express)

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.

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

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.

PRO (Cont'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.

CYVR

VANCOUVER INTL BC (Cont'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). Rwv 08L-P. M. M10 Rwy 26R-P, M, M9 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 and 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/B777-300/A350-900/A350-1000 Taxi Routes

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VANCOUVER INTL BC (Cont'd)

CYVR

PRO (Cont'd) NOISÉ 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 opro 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.
- 2200- 0700: Dep/Arr of all acft on runways 08L & 26R not permitted*.
- 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 opro 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

CANADA FLIGHT SUPPLEMENT / GPH 205 Effective 0901Z 21 March 2024 to 0901Z 16 May 2024

BRITISH COLUMBIA

I.

AERODROME/FACILITY DIRECTORY

CYVR

VANCOUVER INTL BC (Cont'd)

PRO (Cont'd) NOISE (cont'd)	
	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.