

Nanaimo Model-Airs RC Flying Club – Rules

Administrative

To use **Nanaimo Model-Airs** RC Flying Club property members must have a current MAAC membership as well as a current Basic or Advanced Operation Certificate for CAR Part IX. Visiting fliers follow the same requirements.

- Each member must have paid their yearly club dues.
- Each pilot must have with them while on the property the following:
 - MAAC Card
 - Club Membership Card
- All flying must be done in accordance with Transport Canada CAR part IX
- All flying must be done in accordance with the most CURRENT MAAC Safety codes, Policies and Procedures documents. More details can be seen on the following website:
<http://www.maac.ca/en/documents.php>
- Normal Operating Procedures and Club Safety Rules are posted at field location.

Operating/Safety Rules

A copy of these rules, either electronically or in print must be available to all RPAS pilots while at the site. The club will post a copy at the site for member use.

1. No flying before 10am.
2. Batteries shall not be connected to electric models unless the model is restrained in the pit area.
3. No taxiing or flying in the pit area at any time. No taxiing to the flight line when there are people at the flight line. No taxiing to the pit area.
4. While flying, you must stand 7m back from the runway.
5. The direction of take-off, landing, and traffic pattern will be determined by the prevailing winds. If no wind, all take-offs etc. shall be North to South.
6. No congregating at the flight line. Only the person flying, and their spotter are permitted at the flight line.
7. No 3D flying over the runway when others flying at the same time. All 3D flying to be done past the runway in this case.
8. No leaving your models at the flight line. This poses a tripping hazard for those flying.
9. Approved Flying Area is detailed in Figure 1 below.
10. **No flying higher than 120m (400 feet)** the default altitude limit is to remain below 400 feet above ground level.
 - a. If higher is obtained this will be indicated in writing by either a Transport Canada SFOC or a MAAC certificate
11. Recovery of models that have landed or crashed off the runway but in the flying area will be done in agreement with any pilots flying.
12. If there is an accident requiring emergency services, cellular service is adequate to call 911, The address is **398 Hillcrest Ave, Nanaimo, BC, V9R 3L9**

Nanaimo Model Airs RC Flying Club operates within 3nm of FOUR aerodromes as listed in the Canada Flight Supplement and is required to provide all members with the following information. There are no RPAS procedures listed in the CFS for any of these aerodromes.

1. The first aerodrome is **NANAIMO HARBOUR waterdrome (CAC8)** and is located 1.35 NM east of our site. The float plane traffic does not normally ever pass over the city of Nanaimo as the city is listed as a “no-fly zone” below 2000’.
2. The first heliport is **NANAIMO Regional General Hospital (CGB5 – Helo CERT)** and is located 1.26nm north of our site. The listed arrival and departure paths are straight north and south and could pass over our site. However the minimum altitude required over the residential area, couple with distance to our site means the helicopter traffic should be well above us. MAAC see and avoid is deemed sufficient.
3. The second heliport is **NANAIMO West Coast (CNH9 Helo – reg)** and is located 1.35nm northwest of our site. The arrival and departure paths remain west of the highway and should not normally ever pass over our site.
4. The third heliport is **NANAIMO HARBOUR HELIPORT (CDH5 - HELIPORT - Cert)** and it is located 2.65 Nautical miles east of our modelling site. Our modeling site is well clear of the airport traffic pattern **within the no over flight area below 2000ft due to noise restrictions.**
5. **In the event of a “fly-away” towards** any of these aerodromes call:
 - **CAC8** aerodrome operator Nanaimo Port Authority 250-753-2146
 - **CBG5** aerodrome operator Nanaimo Regional General Hospital 250-370-8555
 - **CNH9** aerodrome operator West Coast Helicopters 250-754-5448
 - **CDH5** aerodrome operator **Pacific Heliport Services Ltd** 250-889-6852
6. The club executive has contacted all the operators (OPR) and they have expressed no issues with our RPAS site.
7. **Nanaimo Model Airs** does not require additional pilot competency or knowledge requirements other than the requirements for Transport Canada CAR part IX.
8. Club members should check for **NANAIMO HARBOUR (CAC8)** related NOTAM either using the NAV CANADA NOTAM portal or using RPAS Wilco app or similar. If you are the first pilot of the day and have printed a RPAS Wilco site survey, please leave it at the site for fellow modelers to reference.
9. No flying will commence until 10am and will end a half hour before sunset, the time of which is available on the Weather Network App for the City of **Nanaimo** . Night flying is not allowed at **Nanaimo Model Airs.**
10. No flying will occur below the Club mandated weather minimum:
 - If cloud is present within 1000’ above the model flying area
 - A horizontal visibility requirement of less than 3nm around the flying area, and
 - If there is other obscuring conditions (fog, smoke, haze etc.) which could make spotting full- scale aircraft difficult.
11. Visual observers and MAAC “spotters” are optional at our site. The following are club procedures for ensuring full scale aviation safety:
 - When any member or other person spots a full-scale airplane, they are to yell out “AIRPLANE” in a loud voice.
 - ALL Pilots MUST immediately descend to as low an altitude as possible and then land as soon as safely able.

- When the full-scale airplane is no longer a threat, the person who gave the warning shall yell “ALL CLEAR”, or the pilots may make that determination themselves, and resume flying.
12. If there is any type of near miss or safety concern between a full-scale aircraft and our RPA, ALL FLYING SHALL cease immediately. The members involved should fill out a MAAC reportable occurrence report and submit that to the Club executive and follow MAAC policy with the following exceptions:
- If the member(s) involved believe the risk was very minimal, they may complete their own self declaration or risk assessment using the MAAC form. Submit a copy of the form to the club executive when able and recall you must keep this form for one year (CAR901.49 (2)). Resume flying when done.
 - If the member or Club executive deems the event serious, flying will not resume until members are given permission by the Club executive – in writing.
 - If there is actual contact between an aircraft and a MAAC RPAS – all flying will cease until MAAC confirms we may resume operations.
 - This process is for your protection.
13. There are no other risk mitigating strategies required at **Nanaimo Model Airs**. The normal MAAC “see and avoid” practice is deemed sufficient to ensure our RPAS do not operate in a manner that could interfere with aircraft operating in an established traffic pattern.
14. The Club executive will review these rules at least once a year.

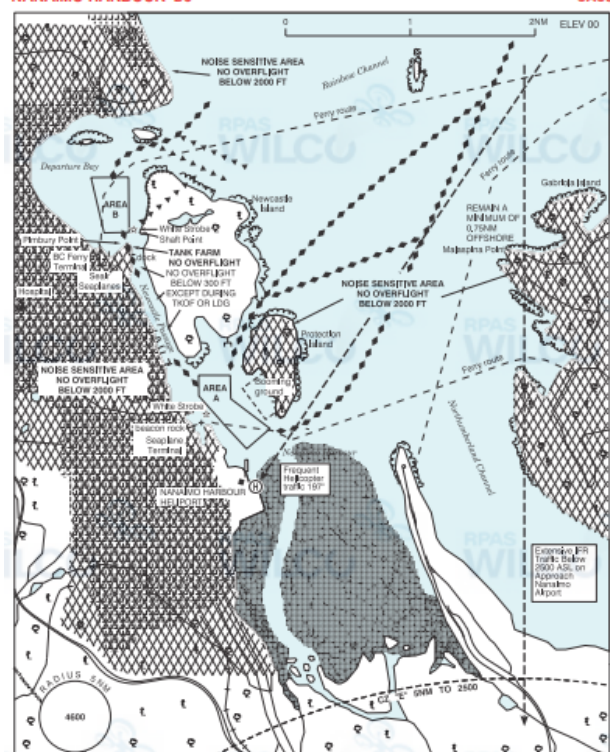
CANADA WATER AERODROME SUPPLEMENT

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

AERODROME/FACILITY DIRECTORY B131

NANAIMO HARBOUR BC

CAC8



REF	N49 11 W123 57 Adj 17°E (2014) UTC-8(7) Elev 00' VTA A5004
OPR	Nanaimo Port Authority 250-753-4146 Seair Seaplanes 866-692-6440 or 250-753-1115 Reg docking fee applicable if not purchasing fuel
PF	A-1,2 C-3,4,5,6
CUST	AOE/15 888-226-7277
FLT PLN	
FIC	Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
WX	WxCam

NANAIMO HARBOUR BC (Cont'd)

CAC8

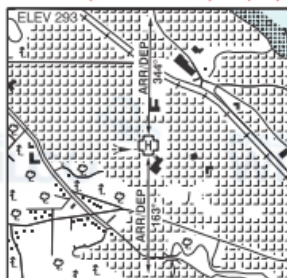
SERVICES	
FUEL	100LL, JA
S	4.6 L/d hrs
PVT ADV	Seair Seaplanes 129.30 1500-0230Z±
COMM	
RCO	Pacific rdo (Nanaimo) 126.0 (FISE) (may not be receivable on the ground)
ATF	Pacific rdo (Victoria) 122.375 (FISE) tfc 122.9 5NM 3000 ASL exc area within Nanaimo land A/D CZ and class "C" airspace
NAV	
NDB	YCD 251 (M) N49 07 40 W123 52 18
PRO	
GENERAL:	
	1. Acft ops within Nanaimo Harbour & Departure Bay rstd to 15-06Z± O/T PPR fr Nanaimo Port Authority.
	2. No acft should overfly the noise sensitive areas of the City of Nanaimo, Gabriola Island or Protection Island at an alt below 2000'.
	3. No acft should overfly Newcastle Island Passage below 300' except in transition for tkof and ldg.
	4. No acft should overfly the Pimbury Point tank farm.
	5. No acft should tkof or land or step taxi within Newcastle Island Passage or within 500' of any shoreline, wharf or fixed object.
	6. Taxi speed rstd to 5 kts in Newcastle Island Passage.
	7. No flying training or circuits should be conducted within Nanaimo Harbour or Departure Bay.
	8. Acft rdo activated white strobe lgts oprg on 122.9 to alert mariners and pilots of arrip dep seaplanes. Located on central breakwater SW of Area "A" in Nanaimo Harbour and between Shaft Point and Pimbury Point for Area "B". Refer to Area A/B Ops below. Report strobe u/s to opr.
AREA "A" OPS	
	Area "A" description - As depicted. N bdry marked by 3 lgtd white buoys. W bdry marked by 2 lgtd white buoys parallel to central breakwater.
	1. Follow proscribed routes during arrip dep.
	2. Consistent with wind, wx, sfc t/c and water conditions, make tkofs/ldgs within Area "A". Remain clear of ferries.
	3. Activate strobe aprx 60 secs prior to tkof or ldg. Key mike 3 times in 5 secs on 122.9. Strobe opr for 90 secs.
AREA "B" OPS	
	Area "B" description - As depicted. Begins 300' NW of a line btwn Pimbury and Shaft Points.
	1. Follow proscribed routes during arrip dep.
	2. Consistent with wind, wx, sfc t/c and water conditions (ferry swells and turbulence etc.) make tkofs/ldgs within Area "B", favouring the E side of the area. Remain clear of ferries.
	3. Activate strobe aprx 60 secs prior to tkof or ldg. Key mike 5 times in 5 secs on 122.9. Strobe opr for 90 secs.
	Refer to Nanaimo VTPCs and CYCD PRO for additional procedures in vicinity of Nanaimo.
ATS REQUIREMENTS:	
	All VFR acft entering the Vancouver Tower Class C airspace require a transponder code. Call Kamloops FIC at 866-992-7433 (866-WXBRIEF) or 866-541-4101 for code assignment at least 30 min prior to flt.
CAUTION	AREAS "A" AND "B": Hvy sfc t/c. Ferries create large swells and turbulence.

BRITISH COLUMBIA

AERODROME/FACILITY DIRECTORY

NANAIMO (REGIONAL HOSP) BC (Heli)

CBG5



REF	N49 09 39 W123 58 18 1.7WNNW 17°E (2013) UTC-8(7) Elev 293' VTA A5004
OPR	Nanaimo Regional General Hospital 250-370-8555 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/TLOF 87' dia CONC/GRASS Safety Area 115' dia Max heli overall length 57.4' (CAR 602.96)
RCR	Opr
LIGHTING	RW(ME) green ARCAL-122.9 type J
COMM	RCO Pacific rdo 126.0 (FISE) ATF tfc 122.9 5NM 3300 ASL centred on Nanaimo Harbour water A/D 1NM ENE exc area within Nanaimo land A/D CZ and class "C" airspace
PRO	Arr/dep 163° & 344° fr heli, (H1) day/night (CAR 602.96). Refer to NANAIMO VTPCs and CYCD PRO for additional procedures in vicinity of Nanaimo.
CAUTION	Several pkg lot lamp standards to 20' adj N and S of heli, lgtd and marked, p-lines adj W marked, power poles adj W marked and lgtd. Tower crane 406 ASL (120 AGL) 246' E of heli.

BRITISH COLUMBIA

AERODROME/FACILITY DIRECTORY

NANAIMO HARBOUR HELIPORT BC (Heli)

CDH5

REF	N49 09 39 W123 55 24 Adj ESE 17°E (2015) UTC-8(7) Elev 12' VTA A5004 CAP
OPR	Pacific Heliport Services Ltd 250-889-6852 Fax 604-273-5301 Cert PPR Landing fees
PF	A-1,3,7,8 C-2,4,5,6
FLT PLN	FIC Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA) or 250-376-8392 ACC IFR tng flts PPR ctc 604-586-4592, 800-668-1333 WX WxCam
SERVICES	1430-0230Z± Mon-Fri, 1530-0230Z± Sat-Sun & hol(s) exc clsd Dec 25 & Jan 1 S 250-889-6852 PVT ADV
HELI DATA	FATO/TLOF 85' dia ASPH Safety Area 114' dia 15,400 lbs Max heli overall length 56.8' Parking Pads A & B: 69' dia ASPH 15,400 lbs RCR Opr 1400-0130Z± Win maint PN
LIGHTING	RW(LO) green
COMM	ATF Nanaimo Harbour tfc 122.9 5NM 3000 ASL
PRO	Arr/dep 005° to 140° fr heli, slope 8% (H3). Refer to NANAIMO VTPCs and CYCD PRO for additional procedures in vicinity of Nanaimo. Refer to Nanaimo Harbour CWAS for additional procedures in vicinity of Nanaimo Harbour.

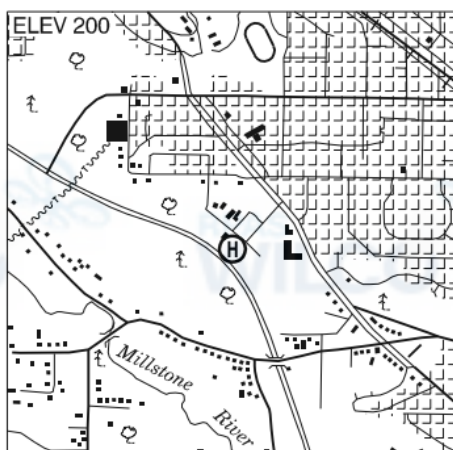
BRITISH COLUMBIA

AERODROME/FACILITY DIRECTORY

NANAIMO (WEST COAST) BC (Heli)

CNH9

REF	N49 11 06 W123 59 20 17°E (2014) UTC-8(7) Elev 200' A5004 VTA
OPR	West Coast Helicopters Ltd 250-754-5448 Reg
PF	A-1 C-1,2,3,4,5,6
FLT PLN	FIC Kamloops 866-WXBRIEF (Toll free within Canada) or 866-541-4101 (Toll free within Canada & USA)
SERVICES	FUEL 100LL, JA-1 16-01Z± O/T ctc OPR S 2 16-01Z± PVT ADV West Coast 159.975 129.6
HELI DATA	78'x65' CONC max heli wt 6000 lbs RCR Opr
COMM	ATF tfc 122.9 5NM centred on Nanaimo Harbour water A/D 1.5NM ENE 3000 ASL, excluding area within Nanaimo CZ and class C airspace.
PRO	Arr/Dep hwy quad. Avoid built-up areas. Refer to NANAIMO VTPCs and CYCD PRO for additional procedures in vicinity of Nanaimo.



Nanaimo Model Airs RC Flying Club site layout



