

Rocky Barnstormers R/C Club

Field Rules

April 3, 2023

Introduction

Site safety rules are necessary to provide an understanding of the required actions to ensure aviation and public safety and to promote member safety, thus being in the best interest of members, the club, the community, and MAAC.

All RPAS pilots must have access to these rules while at the site, either electronically or in print. The club will endeavour to provide a copy at the site.

Definitions

Pilot – a MAAC member in good standing who has a ‘pilot’ status attached to their MAAC membership and has a pilots license under Canadian Aviation Regulations (CARS), as applicable. Pilots may fly unsupervised, unless a spotter or helper is otherwise required.

Student – a MAAC member who has not yet demonstrated basic competency in their category as required by the MAAC Safety Code. Student pilots may only fly under the supervision of a club-appointed Instructor.

No Fly Zone – areas where flying models is prohibited by regulations, club rules, or agreement with neighbours as outlined in the MAAC Safety Code.

Normal Operating Procedures and Club Safety Rules

1. Model assembly should be done in the designated pit area.
2. Batteries shall not be connected to electric models unless the model is restrained in the start-up area – **no exceptions**.
3. Gas/glow/turbine models must be restrained or started in the start-up stands, located in the start-up area. Do not conduct prolonged tuning if other pilots are flying.
4. 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 east or west but away from the sun.
5. Hand launching and bungee launching shall be done in agreement with any pilots flying.

6. Our flying area, as measured from the center of the pilot stations, is a box 1,000 feet west, 1,000 feet east and 1,000 feet north. Refer to the Site Flying Area map attached. For no-fly zone depictions see attached Field Layout map.
7. Recovery of RPA that lands/crashes off the runway but in the flying area will be done in agreement with any pilots flying.
8. A fire extinguisher must be present for all powered RPA operation.
9. If there is an accident requiring emergency services, cellular service is adequate to call 911. The address is ½ mile south on highway 11 of Rocky Mountain House and ¼ mile east.
10. Pilots may fly in formation provided they agree to do so. There is a limit of five airborne RPA.
11. The Rocky Barnstormers R/C Club operates within 4.7 nm of an aerodrome as listed in the Canada Flight Supplement (CFS) or Canada Water Aerodrome Supplement (CWAS) and is required to provide all members with the following information:
12. The Rocky Mountain House Municipal Aerodrome (identifier CYRM – not certified) is located 4.7 nautical miles northeast of our modelling site.
 - a) There is one paved runway running NE/SW.
 - b) The aircraft operating out of the aerodrome are primarily general aviation. Most of these are fixed wing and occasionally rotary wing helicopters. Additionally, there are occasionally aerial application aircraft for crop spraying, cloud seeding and water bombing.
 - c) Our modeling site is well clear of the normal aircraft traffic pattern.
13. There are no CFS RPA procedures and no other CFS PRO comments at CYRM that affect our modelling site.
14. In the event of a “fly-away” towards CYRM, you may call the aerodrome operator at 403-845-4742 and advise them of the issue. Our site is in uncontrolled airspace so there is no need to notify ATC.
15. The Rocky Mountain House District Health Services Heliport (identifier CEU4) is located 1.85 nautical miles northeast of our modelling site.
 - a) It is a paved circular heliport adjacent to the hospital.
 - b) It is used for rotary wing Medevac aircraft only.
 - c) Our modeling site is well clear of the normal aircraft traffic pattern.
16. There are no CFS RPA procedures and no other CFS PRO comments at CEU4 that affect our modelling site.

17. In the event of a “fly-away” towards CEU4 Heliport, you may call the aerodrome operator at 403-845-3347 and advise them of the issue. Our site is in uncontrolled airspace so there is no need to notify ATC.
18. Rocky Barnstormers R/C Club members should check for CEU4 & CYRM 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.
19. The club executive has contacted the operator (OPR) of CEU4 & CYRM, and they have expressed no issues with our RPAS site.
20. No flying will commence until half an hour after sunrise and will end a half hour before sunset, the time of which is available on the Weather Network App for the town of Rocky Mountain House. Night flying is not allowed unless your RPA is brightly lit.
21. Visual observers and MAAC “spotters” are optional at our site. The following are club procedures for ensuring full scale aviation safety:
 - a) When any member or other person spots a full-scale airplane that might come near the site, they are to yell out “AIRPLANE” in a loud voice.
 - b) ALL Pilots **must** immediately descend to as low an altitude as possible and then land as soon as possible.
 - c) 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.
22. 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:
 - a) 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.
 - b) 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.
 - c) If there is actual contact between an aircraft and a MAAC RPAS – all flying will cease until MAAC confirms we may resume operations.
 - d) This process is for **your** protection.

23. No RPA or other model aircraft flying will occur below the Club mandated weather minimum:
- a) If cloud is present below 1000' above the model flying area
 - b) a horizontal visibility requirement of less than 3sm around the flying area, and
 - c) if there are other obscuring conditions (fog, smoke, haze etc.) which could make spotting full-scale aircraft difficult.
 - d) If you can see the mountains to the west flying is normally permitted.
24. There are no other risk mitigating strategies required at the Rocky Barnstormers R/C Club field.
25. The Club executive will review these rules at least once a year.
26. All Canadian flyers must be current members of the Model Aeronautics Assoc of Canada (MAAC); or if a non-Canadian must acquire either a MAAC temporary foreign membership or a full MAAC membership.
27. Each pilot must carry his/her MAAC card and Transport Canada license, as applicable, with them while flying. Spot checks may be expected from regulating bodies.
28. All flying must be done in accordance with the most current MAAC Safety Code, MAAC Policies & Procedures documents and CARS requirements, as applicable. More details can be seen at the following website: <http://www.maac.ca/en/documents.php>. All flying must be done in accordance with the guidelines set out in these documents.
29. Members are responsible for the conduct of their guests, invited guest or spectators.
30. The maximum sound level for an aircraft shall not exceed 96db. Aircraft that exceed 96db sound level shall not be flown at this airfield. Refer to the noise measurement test procedure for measurement standards.
31. There will be no running of, or flying of, combustion engines prior to 10:00 am on Sundays or prior to 9:00 am on the other days of the week.
32. Upon landing and returning toward the pits all aircraft engines/electric motors will be shut down at the safety fence.
33. Members involved in or witnessing an incident or accident shall file a report as per MAAC's instructions and shall also immediately advise a member of the Club Executive of any reportable incident.
34. Necessary steps must be taken to ensure that fuel is not spilled on the grass.
35. Clean up after yourself when done flying and please take your refuse home with you.

36. Any person causing damage to another person's equipment through the improper use of the frequency board, impound, or other careless activity is responsible for the replacement or repair of the other person's damaged equipment. If the two parties above cannot agree on the manner and/or value of restitution, then the executive will be the deciding party
37. The owner of a downed aircraft is responsible for all crop damages resulting from the retrieval of the downed aircraft. A member of the Executive Committee must be notified immediately of any crop damage.
38. Children and spectators are not permitted in the pit or flying area unless accompanied by the pilot or instructor. Utmost care will be exercised at all times to ensure the safety of the children and spectators. Only pilots, instructors and pilot assistants are permitted in the pit area.
39. No animals are permitted unless on a leash. The animal shall not be threatening or obnoxious to others. The owner is responsible for cleaning up after the animal, before leaving the field and for any damage to the field or club facilities caused by member's pet.

ALBERTA AERODROME/FACILITY DIRECTORY

ROCKY MOUNTAIN HOUSE (GEN HOSP) AB (Heli) CEU4



REF	N52 22 44 W114 55 15 15°E (2013) UTC-7(6) Elev 3330' A5015
OPR	FM&E AHS 403-895-1100 Cert PPR
FLT PLN	FIC Edmonton 866-WXBRIEF (Toll free within Canada) or 866-541-4102 (Toll free within Canada & USA) ACC Edmonton IFR 888-358-7526
HELI DATA	FATO 86' dia non-supporting TLOF 57' dia CONC Safety Area 115' dia Elevated heli 17,000 lbs Max heli overall length 57.4'
LIGHTING	RY(LO) Yellow LED
COMM	MF Rocky Mountain House t/c 122.8 5NM centered on Rocky Mountain House A/D 3NM N 6300 ASL (CAR 602.98)
PRO	Arr/dep 004° fr heli, slope 6% (H3), day/night use (CAR 602.96)
CAUTION	Unlgtd p-lines aprx 150' W of heli. P-lines aprx 225' NNE of heli, E pole lgtd.



Google Earth

Map 5 2323 QUES (A) 2013

Rocky Barnstormers

Township Rd 392

500 m

NO FLY ZONE

FLYING AREA

NO FLY ZONE

NO FLY ZONE

NO FLY ZONE

NO FLY ZONE

