Rocky Barnstormers R/C Club Field Rules - Stewarts Pond

These rules are available in print or online. A copy of these rules must be available to any member who is operating an RPAS. The club will endeavor to keep a copy at the flying site. Nothing in these rules relieves the RPAS pilot of their individual CAR compliance requirements. Any MAAC member attending an Event at this site must agree to attend any modeller briefing, or otherwise read and follow all site/Event rules. The Club or site operator is responsible to take reasonable steps to ensure a modeller briefing occurs for each modeller using the site.

Administrative

Club: Rocky Barnstormers RC CLUB (#11, Zone A)

Location: Stewart's Pit Gate GPS Coordinates 52° 20' 55"N, 115° 3' 7"W Legal Description: SW 14-39-08 W5

Pilot Station Coordinates: 52° 20' 57.0"N, 115° 2' 53.3"W

Contact: Ray Brosinsky rbrosins@telus.net

All persons using this modeling site must:

- 1. be MAAC members in good standing.
- 2. be members of the Rocky Barnstormers RC Club, or an invited guest and
- 3. agree to follow the MAAC Safety code and all other club rules.

All flying must be done in accordance with the most current MAAC Safety Code, MAAC Policies and Procedures documents and CARS requirements, as applicable.

Members are responsible for the conduct of their guests, invited guests or spectators.

Children and spectators are not permitted in the pit or flying area unless accompanied by the pilot or instructor. The 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.

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.

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.

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.

Necessary steps must be taken to ensure that fuel is not spilled on the grass.

Clean up after yourself when done flying and please take your refuse home with you.

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.

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.

If there is an accident requiring emergency services, cellular service is adequate to call 911. The address is:

Gate GPS Coordinates 52° 20' 55N, 115° 3' 7"W Legal Description: SW 14-39-08 W5 Located on Township Rd 392

MAAC approved modeling categories.

This club allows the following modeling categories:

RPAS

MAAC approved site add-ons.

The following "add-ons" have been approved at this site, provided all relevant MAAC rules, policy and SFOC conditions are adhered to by the site and its users. The rules are explained in each sub-section of this document.

Approved Add-on	Weight/Power Limits	Altitude/operating limits	Rules
RPAS Weight	25kg	400'agl	
RPAS Altitude	25kg	400'agl	
RPAS Altitude and	25kg	400'agl	
Weight	-	_	
Permanent Event			Not approved

Approval		
RPIC		Not approved

RPAS technical specification

There are no specific technical requirements at this site.

RPAS Pilot qualifications

All RPAS pilots shall have a Basic RPAS operators certificate as a minimum.

CREW qualifications.

Visual Observers are optional at this site. There are no other specific crew requirements. Regardless if visual observers are used, the following applies.

- 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.

Airspace requirements

This site is in uncontrolled Class G airspace. There are no special requirements.

Adjacent Aerodromes

There are no aerodromes within 3nm of this site, therefore MAAC see and avoid procedures are deemed adequate for aviation safety.

Normal Operating Procedures and Club Safety Rules

For members operating RPAS at this site:

- Rocky Barnstormers R/C Club members should check for Rocky Mountain House (Gen Hospital) (CEU4) and; Rocky Mountain House (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 modellers to reference.
- 2. The MAAC mandated minimum weather conditions to commence or continue MAAC RPAS operations are:

- a. no cloud ceiling (BKN or OVC) estimated less than 1000' above the site approved altitude, and
- b. the RPA will be able to remain 500' vertically and 1sm (statute mile) horizontally clear of any cloud, and
- c. a horizontal visibility estimated at 3sm (5km) or more around the flying area exists, and
- d. no other local obscuring conditions (fog, smoke, haze etc.) exist which could make spotting full-scale aircraft difficult.

NOTE – there is no aviation weather available for Stewart's Pond so RPAS pilots may estimate cloud ceilings and visibility, provided they do so in good faith understanding the purpose of weather limits is to ensure we can see approaching full-scale aircraft.

- 3. MAAC endorses the use of a single shared RPAS Wilco site survey provided:
 - a. A new site survey is conducted/checked at least once every 56 days (NAV CANADA schedule), and if there are changes the updated site survey is made available to all members.
 - b. All site survey information is readily available to all RPAS pilots on site (electronically or in print).
 - c. Prior to each flying session, members must check Aviation NOTAM for critical flight safety information, or changes to airspace or aerodromes. Members may share NOTAM information verbally or in print with other members at the site.
 - d. Members must each visually confirm no changes to site obstructions, local obstacles and that weather conditions stipulated in any MAAC requirements are met.
- 4. 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.
- 5. Pilots may fly in formation provided they agree to do so. There is a limit of five airborne RPA at any time.
- 6. A fire extinguisher must be present for all powered model operations.
- 7. All pre-flight inspections or assembly shall be done in the designated area.
- 8. Model assembly should be done in the designated pit area.
- 9. Batteries shall not be connected to electric models unless the model is restrained in the start-up area no exceptions.

- 10. 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.
- 11. 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.
- 12. The County of Clearwater has ruled that there will be no work or equipment in the gravel pit on weekends (Saturday & Sunday). You may fly over gravel piles, provided there are NO labourers or trucks in the gravel pit.
- 13. 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.
- 14. Hand launching and bungee launching shall be done in agreement with any pilots flying.
- 15. Upon landing and returning toward the pits all aircraft engines/electric motors will be shut down at the safety fence.
- 16. Recovery of RPA that lands/crashes off the runway but in the flying area will be done in agreement with any pilots flying.

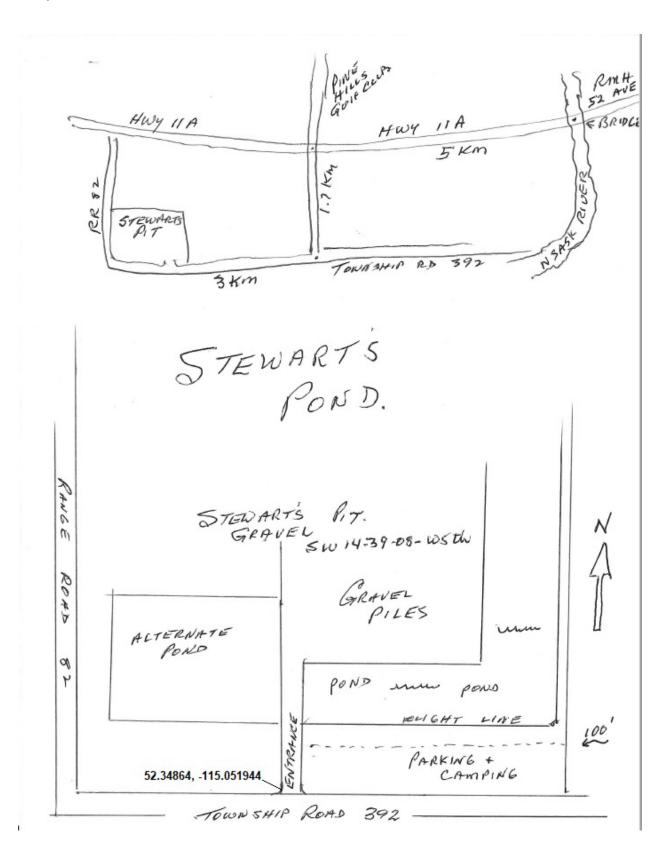
Emergency Procedures

- 17. 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.
- 18. There are no other risk mitigating strategies required at the Stewart's Pit site.
- 19. The Club executive will review these rules at least once a year.

Site Diagrams



Pilot Station Coordinates: 52° 20' 57.0"N, 115° 2' 53.3"W



MAAC Add-ons

RPAS Operations Above 400'AGL Not approved.

RPAS Operations Above 25kg Not approved.

RPAS Operations Above 400'AGL and Above 25kg Not approved.

Event Approval (Permanent or individual)

If your site has different set ups or rules for club events, put those site-specific event rules here – hit the highlights if the SFOC is required.

Whether or not you have obtained permanent event approval, the following must be met.

The following types of RPAS flying/operating events must comply with the MAAC SFOC requirements. Other types of non-RPAS/non-flying events may have specific MAAC SOC/Sanction and insurance requirements. If you have any doubts about your event, contact your Zone Director or the SAG directly.

Advertised event – any type of event that is advertised as open to non-members (the general public), regardless of advertising or invitation method, charging admission fees or whether the advertising/invitation results in actual attendance.

Special event (aviation) – means an air show, any type of air racing, or any type of competition event involving RPAS.

Demonstration/Air Show – any model demonstration or aerial display by one or more model/model aircraft planned to occur or does occur before an invited assembly of people.

All Clubs and event organizers must refer to the most current MAAC policy on Events as different types of events have different requirements. As a general rule the hierarchy from least complex to most complex is as follows:

 Indoor non-modeling/no flying events – many clubs need MAAC insurance for these events or venues and MAAC is happy to provide that, provided Clubs ensure some minimal rules are in place. MAAC approval is only required if insurance coverage is required. These types of events must have a separate simple rules template for the club to complete.

- Indoor modeling/flying events think of these like outdoor modeling/flying sites with the same basic safety and insurance rule requirements, but without the aviation regulations. MAAC still expects due consideration for public/spectator/member/contestant safety, however a different rules template is available. MAAC approval is required.
- Outdoor Non-RPAS modelling/flying Events any type of outdoor event that does not involve operating/flying RPAS, or mRPAS is required to meet MAAC safety and insurance requirements. MAAC still expects due consideration for public/spectator/member/contestant safety, using this Club rules template. MAAC approval is required.
- 4. RPAS Events in uncontrolled airspace, more than 3nm from aerodromes NO invited public and NO "special aviation" aspect. These are commonly called fun fly's and are limited to members only, or a few select non-members acting as crew (food or other support). MAAC expects due consideration for member/spectator safety, however compliance with regulatory requirements is required. If you have any doubts about what qualifies for this event status, contact your zone director. MAAC approval is required.
- RPAS Events in controlled airspace, OR less than 3nm from an aerodrome OR on an aerodrome – NO invited public and NO "special aviation" aspect. These events require additional consideration for aviation safety. MAAC approval is required. If you have any doubts about what qualifies for this higher event status, contact your zone director.
- 6. RPAS advertised or Special events regardless of location, in addition to the MAAC safety code and insurance requirements, these events require strict compliance with the MAAC Events SFOC conditions. MAAC will ensure any club or event submission meets all the requirements in the rules package.

The following are the normally expected processes and rules for an event.

- 1. The club/event organizers shall:
 - a) Prior to submitting an event approval application, ensure they have read all MAAC policy and have submitted an event package indicating they have complied as best as possible.
 - b) Ensure the site meets all MAAC event organizational and logistic requirements such as signage, parking control, spectator safety barriers, washroom and food provisions, and fire/medical safety requirements commensurate with the expected attendance.
 - c) Ensure the event complies with MAAC event policy and any CAR or SFOC requirements.
 - d) Ensure all attending modellers/RPAS pilot are current MAAC members.

- e) Ensure all attending modellers/RPAS pilots receive a briefing on site or event rules using the MAAC minimum checklist.
- f) Ensure all follow up actions are completed after the event, most notably any Transport Canada paperwork.
- 2. Any member attending an event shall:
 - a. Comply with all CAR, SFOC, MAAC and club/event rules as required.
 - b. Not operate a model or RPAS unless they attend or obtain a pilot briefing.

PILOT/OPERATOR DAILY BRIEFING CHECKLIST EVENT NAME/SITE HERE Completed by _____

Date

Once completed, keep a copy of this checklist for one year. MAAC also encourages clubs to scan the completed form and send to their Zone Director. If an item is not pertinent, please tick the "no" box and record the reason or simply write "N/A" in comments.

Administrative				
ITEM	YES	NO	COMMENTS	
Welcoming comments and introductions				
 Name of hosting Club and Event 				
Names and in person introductions of any/all				
responsible persons.				
 Event/Contest Director 				
 Air Boss etc 				
 Safety officers 				
o Others				
Please ensure all pilots understand who				
oversees the event or is in charge.				
IF the Event is operating under the MAAC				
Event SFOC				
Explain the Transport Canada RPAS pilot				
sign in sheet.				
Provide the location of SFOC copies.				
• Provide Pilot reminder - CAR compliance is				
up to each member/pilot – remind them to				
ensure <u>they</u> met <u>their</u> requirements – the				
following must be readily available:				
 Gov issued photo ID. 				
 RPA certificate of registration 				
 Pilot certificate and recency docs 				
 MAAC Safety assurance declarations for 				
each RPA if required.				
Clubs and event organizers <u>shall not</u> request				
	or demand to see proof of any TC required			
Pilot/owner documentation.				
ALL Pilots/Operators				
Must be MAAC Members – Clubs/Event				
organizers should use online member				
validation tool if need be.				
 Explain Pilot/operator event Registration 				
process.				
Explain Pilot/operator briefing process				
(latecomers and if multiple day event).				
Reminder – CAR compliance is up to each				

	member/pilot – ensure they have been			
	briefed on how to meet all Site requirements.			
	If they are not sure – ASK for help.			
Vis	siting Foreign Pilots			
•	ALL must be MAAC Members – join online if			
	need be.			
•	Other RPAS process explained below			
Ho	ousekeeping, guests, and spectators			
•	Parking			
•	Limits for guests and spectators.			
•	Washroom/rest facilities			
•	First Aid provisions			
•	Pets/children			
•	Garbage			
•	Weather events and monitoring (wind,			
	approaching storms etc)			
•	Any other issues necessary			
Eν	vent Schedule			
•	General schedule of the event			
•	When open flying occurs etc			
•	If multi-day, follow up or wind-up schedule.			
•	Any awards or closing ceremonies			
Eν	vent Emergency provisions			
•	On site emergency tools (first aid/fire			
	response)			
•	Who is responsible to initiate response			
	(Fire/Ambulance/Police)			
•	Number to call in case of emergency (911 or			
	#)			
•	Address to use for First Responders.			
	rspace Requirements/Permissions	I	I	
	rspace type – describe airspace including			
OW	/ner.			
•	Class G uncontrolled = no further action			
	required.			
Da	weitted/weekibited Medalling Octowerige			
-	ermitted/prohibited Modelling Categories			
LIS	st the model categories allowed at the event.			
•	mRPAS and/or RPAS			
•	Tethered/Control Line			
•	Free Flight			
•	Space			
•	Surface (cars/trucks/boats)			

If an RPAS event, which of the following RPAS			
"ADD-ONS" are approved for this event. IF not			
approved , clearly state the limits and			
above/exceeding is not approved.			
RPAS Altitude (>400')			
 RPAS Weight (>25KG, <35KG) 			
RPAS Weight and Altitude (>400' and			
(>25KG, <35KG)			
RPIC (RPAS Pilot in Command – see SOC)			
Briefly explain what rules are applicable to			
the above – or where to find them for the			
event			
RPAS/Model Technical Specifications/Restriction	ons	[
Describe any CAR/MAAC/Club specs or			
restrictions on the type of RPAS/Model to be			
operated at this event?			
Size weight propulsion limits/restrictions			
Manufacturer declaration as required			
(controlled/restricted airspace)			
RPAS Pilot/Operator Qualifications			
All modellers MUST be MAAC Members			
This site requires RPAS Basic certification			
Describe any Club/Event/SOC specific pilot			
qualifications (wings, club check-outs etc.)			
Explain Direct supervision/instruction of students			
for site			
Explain Guests/non-MAAC hands on			
demonstration flights (buddy-box etc.)			
Foreign pilots			
MAAC membership			
Transport Canada Basic RPAS is the			
minimum (RPIC is site specific in the SOC) –			
TRUST is not recognized by TC/MAAC			
Registration marking requirements – cover			
any AMA markings – replace with MAAC #			
and 930433			
Clubs and event organizers shall not request			
or demand to see proof of any TC required			
Pilot/owner documentation.	l	l	
Crew Qualifications and Procedures Visual Observer rules for the site/event			
Qualifications			
Training/briefing			
Position and any aids.			
Responsibilities			

	1	1	
Authority and PILOT MANDATORY			
responses			
AIR BOSS rules for the site/event			
Introductions as required.			
Responsibilities			
Authority and pilot MANDATORY responses			
Spotters/helpers/mechanics			
When to use			
Pilots' responsibility to provide			
training/briefing.			
Responsibilities			
Go no-go zones			
Adjacent Aerodrome Procedures (Within 3NM)		Г	
List and describe procedures for all Aerodromes			
within 3NM of the event?			
Describe any additional event rules			
concerning these aerodromes.			
Provide any local full scale flight path information			
not included in the site survey or readily			
apparent.			
If this event is on an aerodrome:			
Describe any additional event rules constrained this corrections (anything not in			
concerning this aerodrome. (anything not in club rules)			
Normal RPAS/Model Operating Procedures			
RPAS WILCO Site Survey location/provision			
 Event NOTAM briefing – daily and by who. 			
 Weather minima determination and briefing 			
for event.			
 Local obstructions/restrictions briefing for 			
event			
If night flying is allowed during the event:			
 How/where "night" is defined. 			
Are there additional procedures for night			
flying?			
Formation flying:			
List any additional procedures for formation			
flying.			
• List any limits on number of airborne models			
Fail-Safe settings on Transmitters			
• If in controlled/restricted airspace fail safe			
must be functional – remind pilots of	1	1	
settings.			

• Describe all rules for set up, the pits and start up areas			
Flight line – Flying area – NO FLY Zones – other			
local concerns			
Describe the flight line/flying area set up.			
Clearly discuss any no-fly zones			
Model operation rules - Describe the club/event			
rules.			
• taxi out, take off, hand launching, bungees,			
• circuits, flight priority, mixed types of models,			
call outs,			
 recovery of downed models, taxi in and 			
shutdown and any other flying rules			
Emergency RPAS/Model Operating Procedures			
Procedures for lost link or fly away models.			
Who is responsible for reporting to Airspace			
Operator?			
Any phone numbers to call			
Incident and Accident prevention			
NO test flying at events.			
 If model is "questionable" – do not fly! 			
If airborne and control is in doubt (any			
reason) intentionally put model down away			
from people.			
Procedures to follow in case of a reportable			
incident/accident.			
 What you need to report to whom 			
 Serious accidents – 			
 First response – fire and first aid 			
 Who calls emergency services? 			
 Flying cessation 			
 Witness statement collection/ photos/ 			
prohibition on statements.			
COMPLETE Transport Canada or			
Transportation Safety Board Occurrence			
Reports as required			
Damage/field repairs.			
Reminder – if RPAS are operating under the			
MAAC Safety Assurance Declaration			
(controlled airspace, above 400', 25kg+) field repairs require special procedures.			
 Otherwise use good judgement – no maiden flights at advertised events. 			
Non-RPAS Normal operating procedures			
Non-NEAS Normal operating procedures			

Are there any procedures for Non-RPAS models and explain as need be?		
Tethered/Control Line		
Free Flight		
Space		
Surface		
Diagrams/Maps		
Explain where the following are located as		
required.		
Site Set up diagram.		
Site Flying Area		
Airspace Map		
Adjacent aerodrome map		
CFS entries as required.		
Any other diagrams/maps		
TC traffic pattern map		
POST EVENT FOLLOW UP		
Event Organizers		
• Ensure any TC SFOC forms or requirements		
are submitted properly and on time.		
Seek any feedback from participants.		
Forward any relevant feedback to MAAC.		

RPAS Event sign in sheet: This is only required for events operating under the MAAC Event SFOC.

PARTICIPANT'S STATEMENT/DÉCLARATION DU PARTICIPANT ATS-23-24-00050858V2

DATE of Event / Date de l'événement:

LOCATION of Event / Lieu de l'événement:

This is to certify that I have read and thoroughly understand and will comply with all the Conditions of Authorization contained in the SFOC-RPAS - Special Aviation Event issued for : / La présente atteste que j'ai lu, que je comprends bien et que je m'engage à respecter toutes les conditions d'autorisation contenues dans le COAS-SATP - manifestation aéronautique spéciale émis pour :

NAME of Event / Nom de l'événement: _____

Pilot Name and TC PC Number/	MAAC No.	Pilot Signature and date/			
Nom du pilote et Numéro du PC de TC		Signature du pilote et date			
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
8.					
10.					
11.					
12.					
13.					
14.					
15.					
Local Special Aviation Event SFOC-RPAS Holder – Responsible person / Event Director					
Titulaire du COAS-SATP de la Manifestation aéronautique spéciale - Personne responsable / Directeur de l'événement local					
Name/Nom :	Signature :				

Use the form multiple times as needed to capture all the participants / Utilisez le formulaire plusieurs fois au besoin pour saisir tous les participants.

The Certificate holder / Responsible Person shall complete a Special Aviation Event Participant's Statement and send it to <u>TC.SATPCentredexpertise-RPASExpertisecenter.TC@tc.gc.ca</u>, within 5 business days following the Special Aviation Event. / Le titulaire du certificat / personne responsable doit remplir une Déclaration des participants à la manifestation aéronautique spéciale, et l'envoyer à l'adresse <u>TC.SATPCentredexpertise-RPASExpertisecenter.TC@tc.gc.ca</u>, dans les 5 jours ouvrables suivant la manifestation