

# RULES AND REGULATIONS

## 1. NAME

The club is called (the) Renegade Flyers.

## 2. CONSTITUTION

The Renegade Flyers is a private club for members with an interest in fixed wing radio control model aircraft. Founded in 2014, opened in 2015, it is constituted to facilitate the hobby of radio control model flying, social interactions between its members, mentor newcomers to the hobby and provide facilities for that purpose.

## 3. MEMBERSHIP

Membership is individual and non-transferable. Upon acceptance, every member binds him/herself to abide by the rules, by-laws and regulations of the Renegade Flyers and the Model Aeronautics Association of Canada (MAAC). All membership categories are annually based and are as follows:

### 3.1 FOUNDING MEMBER

Founding members were the first to form the club, thereby taking a giant leap of faith. As a result, no new founding members will be created. Founding members have the right to propose future members in the annual categories set out below.

### 3.2 OPEN MEMBER

An open member is 18 years of age and over and active in the flying of radio control model aircraft.

### 3.3 JUNIOR MEMBER

A junior member is under 18 years of age and active in the flying of radio control model aircraft.

### 3.4 ASSOCIATE MEMBER

An associate member is *inactive* in the flying of radio control model aircraft but wishes to fraternize with members of the club.

### **3.5 FAMILY MEMBER**

A family member is the parent / grandparent / legal guardian of junior members, all active in the flying of radio control model aircraft.

## **4. APPLICATION PROCEDURE`**

**4.1** Any individual considering Renegade Flyers membership must obtain an application from an existing member or the club's website and submit the completed form to a member of the Club's Executive. All information will be treated in the strictest confidence.

**4.2** If the membership is closed at that time, the applicant will be put on the waiting list until further notice and application fees will be promptly refunded.

**4.3** No reason shall be given for refusal of an application at any stage. It is the policy of the Renegade Flyers not to deny membership to any applicant because of their race, creed, colour, religion, national origin, sex, sexual orientation, disability or marital status.

## **5. PAYMENT**

In order to be considered for membership, all application forms must be accompanied with the appropriate fees.

## **6. THE EXECUTIVE COMMITTEE ("The Executive")**

**6.1** The Executive consists of approximately 6 club members.

**6.2** Executive meetings will be held monthly or at such times as the Executive may decide.

**6.3** Only the Executive can approve or reject an application to join the Renegade Flyers.

**6.4** Executive members are subject to the same rules, regulations and disciplinary actions as all other members.

## **7. SUBSCRIPTION**

Membership subscription is based on a yearly contract. All subscriptions expire on December 31st of the membership year. Membership fees will not be pro-rated, but an applicant joining after the 1st of September will enjoy a membership expiration on December 31st of the following year. The initiation fee and annual rates for all categories of membership shall be determined annually by the Renegade Flyers' Executive. Failure to pay the annual subscription by the due date will result in the member not being admitted to the Club's facilities. It is the responsibility of the member to keep the club up to date with current mailing addresses, phone numbers and email addresses.

## **8. RESIGNATION**

Any member wishing to resign his/her membership must do so in writing or by email to the Treasurer of the Renegade Flyers. As all membership subscriptions are based on a yearly contract, any resignations part-way through the contract period will not be refunded.

## **9. MEMBERSHIP CARDS & GATE LOCK COMBINATION**

Membership cards and gate combination will be used to gain entry to the Renegade Flyers field and should be carried by the member at all times. Membership cards and lock combination are strictly non-transferable; use of a membership card and/or lock combination by anyone other than the member will result in the membership card confiscated and disciplinary action taken

## **10. RECIPROCAL ARRANGEMENTS**

The Renegade Flyers may enter into reciprocal arrangements with other clubs and bodies on such terms as it shall decide from time to time and any such arrangements may be terminated or modified by the Renegade Flyers.

## **11. GUESTS**

**11.1** Members may bring a maximum of two guests upon each visit except by prior arrangement. Individual invited guests are permitted to fly at the Club's facilities no more than three times per calendar year. All invited guests who

intend to fly radio control model aircraft must provide proof of current and valid MAAC membership.

**11.2** Members must request permission at least 24 hours in advance to bring more than two guests to the Club.

**11.3** Guests may not access the Club field without a member present.

**11.4** Members are responsible for the behavior of, and will be financially liable for their guests.

**11.5** Members may not leave the field without the non-member guests that they have invited on that day.

## **12. GENERAL BEHAVIOUR**

While on the property of the Renegade Flyers, members shall act in a manner that is respectful and courteous to other members, guests and third parties. Members shall not act in a manner that is harmful, abusive or offensive. Failure to act in a way that is respectful will result in eviction and exclusion from the property. Complaints of misbehavior should be made in writing to the Executive. Misconduct includes breach of the drug/alcohol policy, theft or damage to any Renegade Flyers property, or any infringement of the rules.

## **13. EXCLUSION PROCEDURE**

Any Executive Member of the Renegade Flyers may exclude or evict any member or guest whose behavior he/she considers in his/her discretion to amount to misconduct. Such exclusion may lead to further disciplinary action. The Renegade Flyers has the right to exclude any guest without stating a reason.

#### **14. ILLEGAL SUBSTANCES / DRUG / ALCOHOL POLICY**

No member shall use, ingest or distribute alcohol, marijuana, illegal drugs, or use, possess or distribute any drugs or alcohol in an illegal manner while on the Renegade Flyers' premises. Any member found to be in violation of this policy will be asked to leave immediately and may have their membership revoked with no right of appeal. Members are responsible for their guests' behavior and if guests are found in violation of this policy they will be asked to leave immediately. The member who signed them in will be subject to the club's disciplinary procedures and his/her membership may be revoked.

#### **15. CLUB PROPERTY**

Any member who removes, damages or destroys any article or property belonging to the club or to its members or to guests on the premises shall be liable to expulsion. Members are responsible for the behaviour of their guests.

#### **16. CONFIDENTIALITY**

It is understood that, unless agreed otherwise, matters raised in conversation between members and between members and guests are not to be used for commercial or journalistic purposes.

## **17. DISCIPLINARY ACTION & EXPULSION**

Should a member infringe the rules of the Renegade Flyers or behave in an obnoxious manner to another member or be considered guilty of misconduct, the member may be required to furnish an explanation to the Executive and/or risk disciplinary action, including expulsion. Conduct that is prejudicial to the reputation and character of the Renegade Flyers may result in expulsion. Such conduct may include violent or abusive behavior, the endangerment of the safety of others and the communication of information concerning the club, members or their guests' affairs to the media. Any decision related to expulsion shall be at the sole discretion of the Executive. Any deliberations thereon shall be in the strictest confidence and no reasons will necessarily be issued for any decision. If the club determines to expel, cancel or suspend the membership of a member, a written notice will be sent to the member by email or to the current address on file. An expelled or cancelled member shall cease to be a member when the Executive's decision is communicated. No refunds of membership fees will be given to an expelled member. He or she may not return as a guest.

## **18. ANIMALS**

Members may bring their dogs to the club but some common courtesy restrictions apply. Members must ensure their pets remain quiet and do not interfere with any models or operations within the pit area. Members must clean up after their pets and will be financially responsible for any damage their pets cause to the club or other members' property.

## **19. IDEAS AND FEEDBACK**

Members' complaints shall be put in writing to the Executive and will be fully considered. If a member has any suggestions of ways in which any aspect of the club might be improved please inform the Executive in writing. All feedback will be considered.

## **20. DISCLAIMER**

Loss or injury to any member or to any guests or to any goods or property of theirs, on the premises of the Renegade Flyers, shall not give rise to any claim against the Renegade Flyers' Executive.

## 21. INTERPRETATION OF THE RULES

In the event of any dispute arising as to the meaning or interpretation of these rules, the matter shall be referred to the club's Executive Committee, whose collective decision shall be final. The Renegade Flyers has the right to amend these rules from time to time as required by applicable law or the club's charter or by-laws and members shall be bound by the rules as amended.

## 22. FLYING FIELD RULES

**The club field is located at a Transport Canada recognized full-scale airfield. While full-scale traffic is rare at our location, it is both the law and duty of every member to sense and avoid full-scale aircraft flying at or near our field.**

If an aircraft enters our airspace at low altitude and circles or flies perpendicular to our runway, you must land immediately. Only when the aircraft lands and shuts down – or leaves our airspace – can you resume flying.

If a full-scale aircraft on the property starts its engine, you must land immediately until the intentions of the pilot are known or the aircraft takes off and leaves our airspace.

**Any RC pilot found breaching these core rules may face immediate expulsion from the club.**

### General Rules

**22.1** All new members must demonstrate their ability to a club instructor. When competency has been demonstrated, the appropriate membership will be issued. A student pilot must fly under the supervision of a club instructor until the student has demonstrated the ability to fly unaided (MAAC Wings Level A). Pilots should fly within their own ability, and get help when in doubt.

**22.2** Helicopters (with the exception of auto-gyros) and jet turbine models are not permitted.

**22.2.1** VTOL aircraft are permitted if they have the ability to maintain flight primarily via fixed wing. Such aircraft must be flown in the pattern and hovering should be limited solely for take-off and landing purposes.

**22.3** The additional privilege to fly multirotors is extended to individual members who held a club membership as of July 1st of 2018. All new members after this date must demonstrate both a primary interest in fixed-wing aircraft and be able to fly the same at a MAAC Wings Level A equivalency before the same privilege is extended to them. *Prospective members who do not have a primary interest in flying fixed-wing models should not consider The Renegade Flyers.*

**22.4** Our flying field is located on private land in proximity to nearby houses. As such, all members are required to manage our activity and noise levels accordingly.

**22.4.1** Gliders and electric powered models of any size (essentially silent in operation) may fly from 7:30 AM until dusk.

**22.4.2** Internal combustion powered aircraft may fly only between 9:00 AM and dusk.

**22.4.3** Any 'loud' flight from **any** type of aircraft (certain 3D maneuvers, some 'pusher' planes, EDF jets, etc) must only occur between 9:00 AM and dusk.

**22.4.4** Silent electric powered models weighing less than 3.5lbs (approx. 1500g) may fly at night (dusk through dawn) providing they have a lighting system installed that clearly indicates the aircraft orientation at all attitudes and within visual line-of-sight distances.

**22.5** Smoking should be avoided in and around the covered tent area when other pilots are present. Additional smoking restrictions may be enforced during the dry summer months due to fire risk.

**22.6** Garbage must not be left on the field. Please pick up your own and any other trash you may find and take it home.

**22.7** Membership cards must be affixed to the flight board (at the entrance to the pit area) upon arrival at the field.



## **Operational Rules**

**22.8** All flying in the flight pattern is done from a pilot station. A maximum of four (4) pilots may fly in the pattern at any given time.

**22.8.1** Glider and UAV pilots operating aircraft outside of the pattern (areas above 500 ft AGL or to the north and east) may use glider station or sit anywhere in the pits area but must be at the pilot stations when taking off and landing.

**22.9** Takeoffs and landings are made upwind, parallel to the flight line, and the initial turn after takeoff must be away from the flight line.

**22.9.1** Aircraft taking off while other aircraft are already airborne must join the established pattern direction.

**22.10** Loudly announce your intentions (take off, landing, entering the field, etc.) to other flyers. Pilots at flight stations should acknowledge announcements. Dead-sticks and gliders take landing priority over all other aircraft.

**22.11** Flying over no-fly zones is not permitted. No-fly zones include the pit area, parking area, public roads, over or near houses or other buildings and anywhere else outlined on our no-fly map. Repeatedly flying in the no-fly zones may result in flight limitations or revocation of membership.

**22.12** Our field altitude is just above sea level. All general flying should be done to maximum altitude of no more than 500 feet AGL (above ground level).

**22.12.1** Glider pilots can fly up to 1000 feet AGL provided they have a non-flying spotter listening and watching for full-scale traffic. Should any low-flying full-scale traffic approach our field, all glider pilots must make an expedited dive to below 500 feet AGL and not climb back up until the traffic has cleared the area. A telemetry system for reporting model altitude (AGL) is strongly recommended for glider pilots.

**22.13** When others are waiting to fly, flight time is limited to fifteen (15) minutes.

**22.13.1** Glider pilots are exempt from the 15 minute flight limitation, but due consideration should be made to other glider pilots waiting to fly.

**22.14** Pilots who want to fly their multirotors should do so in a manner that does not impact the enjoyment of other pilots. No gates, flags or other obstacles for the purpose of drone racing can be placed on the runway at any time. When other pilots are flying in the pattern, multirotor pilots should avoid prolonged hovering and must expedite their take-offs and landings.

**22.15** Taxiing is not permitted behind pilot stations without special prior arrangements for mobility-limited members.

**22.16** Flying in a reckless or hazardous manner, or flying with equipment known to be faulty, is not permitted. In the event of a mid-air collision, the Executive will not adjudicate any fault for the purpose of claim or compensation. Fly at your own risk.

**22.17** All aircraft must not exceed a noise level of 92 dB. The noise level is defined as the average of four readings (front, rear, left and right) measured with "A" weighting, 3 ft. (1 m) above the ground and a distance of 10 ft. (3 m) from the model.

**22.18** All internal combustion powered aircraft in the pit area must be restrained while the engine is running or being started.

### **Technical Safety Rules**

**22.19** Only 433Mhz, 2.4Ghz and 5.8Ghz transmitters can be used at the field. There is no frequency control in effect. 27Mhz, 50Mhz and 72mhz transmitters are not permitted.

**22.19.1** All transmitters must have a valid FCC or IC number affixed.

**22.19.2** Smartphones, tablets and computers may be used as part of a complex flight control system but never as the primary means of controlling

the aircraft during flight or as the primary radio link (Wi-Fi, Bluetooth, etc), even if those capabilities exist.

**22.19.3** All aircraft must have the ability to be fully controlled by the pilot AND the ability of the pilot to override any autopilot systems, at all times. No fully autonomous aircraft are permitted.

**22.20** All model aircraft must be range-checked at the start of each flying day

**22.20.1** If power is available to the motor during the range check procedure – regardless of a throttle kill switch being programmed – the model must first be placed on the ground facing a safe direction.

**22.21** All models must have a demonstrable system in place to cut the throttle within 5 seconds if the signal from the transmitter is lost. This may be achieved via programmable failsafe system or the built-in feature of electronic speed controllers. Such a system can be easily demonstrated by restraining the model, applying a low power setting and turning off the transmitter.

**22.22** Using any mobile device while operating an R/C aircraft is strictly prohibited unless that device forms part of the control system for the aircraft.

**22.23** If flying FPV with goggles or a headset that block peripheral vision, the pilot **must have a non-flying spotter** standing or sitting with them.

**22.23.1** Pilots using a monitor or device (phone, tablet, etc) that does not block peripheral vision may employ a non-flying spotter at their discretion.

**22.23.2** All FPV flying must be done in the prevailing pattern if other model aircraft are already in the air OR must be done in an area outside of the pattern (northern or eastern).

**22.23.3** Any model employing a video transmission system using the 2.4Ghz band must have a valid FCC or IC number affixed.