

# **HRCC Safety Rules, Guidelines and Procedures.**

*The club has compiled a list of rules, guidelines, and procedures for the safe, responsible, and fun operation of R/C Airplanes that pertain to HRCC flying field, and we will try to keep them up to date for you but does not exclude you as a member, flying at the field to take it upon yourself to keep yourself informed of the rules of MAAC and HRCC and any changes to them. The list below is compiled from MAAC and HRCC rules and can be accessed either by HRCC or MAAC web sites*

*<http://www.geocities.com/Area51/Meteor/1033/>  
<http://www.maac.ca/edocs.php>, or by contacting the Club.*

- 1. Proof of MAAC or AMA Membership Mandatory** to fly at HRCC field.
- 2. NEVER, NEVER, NEVER, turn on your transmitter** unless your frequency pin is in its proper slot on the fields frequency board, or you take a chance of interfering with another pilot who is on your frequency and may be flying, resulting in a crash of his airplane. We as a club feel that the person who is responsible for this action is morally and financially responsible for the cost of this incident.
- 3.** Only members having obtained their Wings to fly solo at HRCC field.
- 4.** All pilots must have their own frequency pins of appropriate size, with their name & channel number clearly marked on it. It is a good idea to know who is on the same frequency as you. One can never be too careful with frequency control, and using the buddy system may prevent a tragedy.
- 5.** Do not hog the frequency. When your flight is complete, turn off transmitter and remove your pin from the board.
- 6.** We recommend that some kind of restraint be used to hold your plane from moving forward unexpectedly for some unforeseen action.
- 7.** Set you plane up in the pit area so it does not blast exhaust & debris on your neighbour's plane and that your plane faces the fence.
- 8.** The end of the runway that will be used to set up as the pit area is to be at the end of the runway that will allow for the takeoff and landings to be done into the prevailing wind. If wind direction should change during the day the pit area will change to conform to the guidelines.
- 9.** Any plane on dead stick has priority to land.
- 10.** Any plane on final has the right of way.
- 11.** It is forbidden to fly over the road or behind the designated flight line.
- 12.** Pilots are to fly from the designated pilot stations.

- 13.** Do not commence your take-off run until your plane is past any pilots who are on station.
- 14.** Limit low passes down the runway and have consideration for those who are flying with you.
- 15.** Keep the field clean. No garbage cans at the field, as all garbage is to be taken home.
- 16.** Keep the gate closed, even when unloading or loading.
- 17.** The last one leaving is responsible for storing the frequency board, and locking the gate.
- 18.** Members are financially responsible for their cars within the fenced area.
- 19.** Anyone showing disregard for the rules may have his membership suspended or revoked after a hearing with the Executives.

### **1 ALL CATEGORIES**

**When operating any model aircraft MAAC members will adhere to the following:**

- 1.** I will not fly my model aircraft in competition or in the presence of spectators until it has been proven airworthy by a previous successful test-flight.
- 2.** I will abide by the MAAC Safety Code, the specific rules of my special interest category and the safety rules of the flying site(s) I use.
- 3.** Where the specific rules of a specific interest category contain easements or enhancements to the MAAC Safety Code, such rules form part of the MAAC Safety Code for all activities of that special interest category.
- 4.** I will not willfully and deliberately fly my models in a careless, reckless, and/or dangerous manner.
- 5.** I will not operate my model while under the influence of alcohol or judgment impairing drugs.
- 6.** I will not intentionally fly over an active public thoroughfare.

### **RADIO CONTROL**

#### **4.1 All R/C Categories**

**When operating any Radio Control model aircraft MAAC members will adhere to the following:**

- 1.** I will complete a successful radio equipment ground range check before the first flight of the day.
- 2.** I will not fly my model aircraft in the presence of spectators until I become a qualified flyer, unless assisted by an experienced R/C Pilot.
- 3.** I will perform my initial turn after take off away from the pit, spectator and parking areas.
- 4.** I will not perform flight of any sort, including aerobatic maneuvers, or landing approaches, over a pit, spectator or parking areas.
- 5.** I will not fly on the pilot station side of the Flight-Line (see figure 1 & 2).
- 6.** I will not knowingly operate an R/C system within 4km of a pre-existing R/C aircraft clubs flying site without a frequency sharing agreement with that club.
- 7.** I will not deliberately fly an aircraft without visual contact. (ie. the aircraft must be kept within "line of sight" of the R/C Pilot)

#### **4.2 R/C Field Operations**

**All pilots must be current MAAC or AMA members.**

1. R/C Pilot's will yield "right of way" of their model aircraft to man carrying piloted aircraft with no exceptions. Model flying operations will cease when man carrying piloted aircraft are in the proximity of model flying operations.
2. Pyrotechnic and explosive devices will not be carried or activated by model aircraft.
3. There will be no more than five (5) aircraft airborne at any one time at a field unless, operating under rules of a specific discipline (ex. R/C Combat).
4. As a minimum, transmitter frequencies will be controlled utilizing a MAAC Frequency Board and pilot frequency pins.
5. MAAC chartered clubs will use a wings program to train R/C Pilots.
6. R/C Pilot Instructors :
  - a. Will be highly capable individuals who can provide adequate training.
  - b. Will consistently demonstrate safety by example and attitude.
7. R/C Pilots will announce any intention to take-off, land or move onto the active runway.
9. R/C flying demonstrations will only be done by qualified pilots (as determined by club). The MAAC Safety Code will be followed during demonstrations.
10. Aircraft should be operated in areas of the sky where any results from an accident are minimized.

#### **4.4 R/C Field Etiquette**

**The Field Etiquette is intended to outline those matters that are expected of all Modelers/pilots, as common courtesy, and for every ones safety.**

1. All R/C Pilots/modelers will respect the safety codes.
2. R/C Pilots/modelers will restrict their use of the operating frequency when others are waiting.
3. R/C Pilots/modelers will ensure that the operation of their model does not interfere with the enjoyment of the hobby/sport by others. These would include but are not limited to loud aircraft, unnecessary running of model engines in pit area, slipstream (propwash).
4. R/C Pilots/modelers are responsible for their guests or visitors including children and pets.
5. R/C Pilots/modelers will be considerate when sharing the sky with other R/C Pilots/modelers by operating their aircraft in a way not to interfere with others.
6. If R/C Pilots/modelers fly their model aircraft within ten (10) Km of the centre of an airport, notice of operations will be given to the airport authority and/or tower. A spotter will be used to avoid having models fly in the proximity of full size aircraft.
7. Safety practices are required in the pit area. MAAC members will adhere to the following:
  - (a) Metal propellers will not be used. Pure nylon propellers (does not include the glass filled type) will not be used on engines of .40 cubic inch or larger. Repaired or damaged propellers will not be used.
  - (b) Pilots will ensure that no one is standing in line with the propeller arc of operating engines.
  - (c) Aircraft will not be taxied in the pit area.
  - (d) When running model engines the model will be placed to minimize the effects of slipstream (prop wash).
  - (e) Slipstream effects from running engines can be dangerous to all affected and models should be positioned to minimize these effects.
  - (f) Smoking is prohibited in the pit area.

(Over)

*(g) Propellers will be secured in accordance with the engine and propeller manufacturer's recommendations.*

*(h) R/C Pilots are responsible for ensuring their spotter/ helper is properly briefed regarding the carrying, testing, adjusting and general handling of the model aircraft.*

#### **4.7 R/C 3D Aerobatics (airplanes)**

**3D Flight is defined as any deliberate maneuver where the aircraft's flying surfaces are stalled and the airplane doesn't move in a normal flight path. (Ex. Airplane hovering, blender, harrier pass). When operating any Radio Control model airplane performing 3D aerobatics MAAC members will adhere to the following:**

*(1). I will not deliberately perform any 3D aerobatics without announcing my intentions to the*

*other flying R/C Pilots.*

*(2). I will not perform low level (less than 10 meters) 3D airplane aerobatics along the flight line*

*while other aircraft are airborne.*

*(3). I will follow any safety rules as established by the Scale Aerobatics committee.*

#### **6 ELECTRIC**

**When operating any Electric powered model aircraft MAAC members will adhere to the following:**

*(1). Observe all safety guidelines of the current MAAC Electric Rule Book.*