

Humber Valley RC Flyers (MAAC Club #120) Indoor Rules for York University

*Humber Valley RC Flyers has been given permission to conduct MAAC modelling activities indoors and fully understands and agree any permission granted applies to indoor activities **only** – no exceptions.*

Administrative

Club: Humber Valley RC Flyers (HVRCF) (#120, Zone L)

Location and General Description of the Site:

Tait McKenzie Building - Field House double gym
York University
1 Thompson Rd
North York, ON
M3J 1P3

Each winter HVRCF rents several 2-hour time slots from York University, Athletics & Recreation Department, to use the double gym in the “Field House” in the Tait McKenzie Building at 1 Thompson Road within the York University grounds. It is at the north end of campus with access from Steeles Avenue West of Keele Street. The main entrance to the building is on the south side of the building and parking is available opposite the main entrance. Prior to each session, York maintenance staff raise the basketball hoops and opens the curtain that separates the two courts so that the full double gym may be used.

Dates and Times:

Dates and times are negotiated with the University in November of each year. The times reserved for the 2023/2024 winter season are:

Day	Date	Time
Saturday	Dec 02, 2023	6:30 PM – 8:30 PM
Saturday	Jan 20, 2024	3:00 PM – 5:00 PM
Sunday	Feb 11, 2024	3:00 PM – 5:00 PM
Saturday	Mar 02, 2024	3:00 PM – 5:00 PM
Saturday	Mar 23, 2024	3:00 PM – 5:00 PM

Conditions for use - All persons using this modelling site must:

1. be MAAC members in good standing.
2. be members of the HVRCF, or an invited guest of HVRCF, and
3. agree to follow the MAAC Safety code and all other site and club rules.

Eligible Flyers

Only current HVRCF members or their guests with cleared pilot status are eligible to fly. Note that annual memberships expire on December 31st so if you plan to fly indoors after January 1st, make sure you renew on time. Due to the limited space, limited time, high popularity, and high cost of indoor flying, we cannot conduct student instruction or extend flying privileges to students. Flying privileges are reserved exclusively for the benefit of current pilot members and their invited guest pilots. All eligible flyers identified above must have proof of current MAAC membership to fly.

Any Executive Member may, at his sole discretion, suspend flying privileges of a flyer for any action considered to be detrimental to the safety of others.

These rules can be found online at <https://hvrcf.org/wp/club-documents/> and a printed copy will be available at each session.

In the event of an emergency, phone 911 and the civic address for first responder is:

1 Thompson Rd., North York, ON M3J 1P3

Normal operating procedures and Site safety rules

The pit area is between the red painted line on the floor and the entrance wall. The flight line is 10 feet beyond this red pit line. See the “Indoor Site Layout” diagram at the end of this document. Pilots must stand behind the red line unless retrieving an airplane. Pilots must announce “ON THE FIELD” when retrieving an airplane and take off and land with due consideration of all air traffic.

This site allows the following modeling categories: mRPAS

Any mRPAS model up to 250g including electric fixed wing, micro & mini helicopters and drones (multi-rotor) are allowed. No large, fast models or 3D helicopters. The Club/site/event organizer may, at his sole discretion, immediately ground any aircraft deemed too large or too fast to fly safely within our limited indoor space with consideration of other flyers.

Flight Line and Pit Area

Flight Operations Guidelines

Due to the small space and higher risk of midair collisions, the Club/site/event organizer may, at his sole discretion, limit the maximum number of aircraft type in flight at any time. Pilots should exercise discretion and wait to take off if airspace is too congested to fly safely according to his level of skill. Unless otherwise agreed to by all flyers, always fly left hand perimeter circuits and never fly behind the flight line. The center of the gym may be used for 3D maneuvers.

1. All pre-flight inspections or assembly shall be done in the designated pit area.

2. Batteries shall not be connected to electric powered models unless the model is restrained in the start-up area, or the propulsion system deactivated/de-armed or otherwise inoperative – no exceptions.
3. The direction of modeling/take-off landing, and traffic pattern will always be left hand gym perimeter circuits.
4. Pilots may hand launch or normal ground takeoff in the circuit direction.
5. Recovery of any mRPA that lands/crashes in the flying area will be done in agreement with all other pilots flying. Do not fly/operate a model directly over/near other persons recovering a model.
6. Spectators are permitted only if specifically invited by an eligible flyer and it is the responsibility of that flyer to ensure the spectator stays behind the red flight line and is safe at all times. Spectators are not allowed to fly demonstration or guest flights.
7. MAAC “spotters” are optional at this site. The following are site procedures for ensuring bystander safety:
 - a. The only entry doors to the gymnasium are behind (non-flying side) the flight line. Members onsite must be mindful to watch for bystanders entering and to alert them to remain behind the flight line.
 - b. When any member or other person spots a bystander that might come into the modeling area unsafely, they are to yell out “BYSTANDER” in a loud voice.
 - c. ALL modellers must immediately stop modeling activities in that area and if possible, land/return to the pit area as soon as safely able.
 - d. When the bystander’s safety is no longer a threat, the person who gave the warning shall yell “ALL CLEAR”, or the modelers/pilots may make that determination themselves, and resume modeling/flying.

Emergency or safety procedures

8. If there is any type of near miss or safety concern between a model and a bystander, ALL modelling SHALL cease immediately. The members involved should fill out a MAAC reportable occurrence report and submit that to MAAC and the club/site/event organizer 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, and resume modelling.
 - b. If the member or Club/site/event organizer deems the event serious, modelling will not resume until members are given permission by the club/site/event organizer – in writing.

- c. If there is actual contact between a model and a bystander – all modelling will cease until MAAC confirms we may resume operations.
- d. This process is for your protection.

9. Emergency Procedure:

In the event of an emergency involving a serious personal injury, call 911 and notify the Athletic Center front desk staff for assistance.

10. There are no other risk mitigating strategies required at the YORK University double gym indoor site.

11. The Club executive will review these rules at least once a year.

