

# **Humber Valley Radio Control Flyers (HVRCF) (#120)**

## **– mRPAS (Sub 250g) Rules**

Humber Valley Radio Control Flyer allows the following RC model categories: mRPAS (Sub 250g). RPAS operation is strictly prohibited until further advised.

### **Administrative**

1. These mRPAS rules are for Humber Valley Radio Control Flyers (HVRCF) located at Thackeray Park, 2955 Kipling Ave, Toronto, ON.
2. All members must be a current member of MAAC and HVRCF in good standing.
3. All members should make safety their first priority during any club activity and follow the safety guidelines set out by MAAC and the Club. All members should also be comply with the Toronto City Permit requirements (City Permit is posted on HVRCF website).
4. All members operating an mRPA must have a copy of these rules available at the site, either electronically or in print. The club will ensure a copy is on the club website and will endeavour to provide a current printed copy at the site.
5. This site is for fixed-wing, heli/multi rotor mRPAS use only – no other categories of flying are permitted.
6. A fire extinguisher must be present for all powered model operations.
7. All members intending to operate mRPAS must have their mRPA weighed and registered on the club website before first flight of the day.
8. The club may conduct spot weigh check on any mRPA that operates at the site. Any member who operates overweight mRPA will have their membership suspended.
9. All adult members conducting mRPAS operation at the club must be club-qualified pilots and may have a Basic or Advanced RPAS certificate.
10. Junior members (including members under age 14) may operate a mRPA independently, provided they have demonstrated competency to an adult club member.
11. No member shall operate an RPAS unless the gates are locked and there is otherwise no anticipated bystanders using the trail system. If a bystander is spotted, all flying SHALL CEASE IMMEDIATELY.

### **Normal operating procedures and Club safety rules**

1. All flyers should hang their current club membership and MAAC cards on the frequency board to claim a specific 72MHz channel or a 2.4 GHz position BEFORE flying. This provides the required evidence of current Club and MAAC membership status.
2. Pilots should not start an engine or motor directly behind a pilot flying in front of a starting station. An adequate tail restraint should also be used when starting engines.
3. No one should stand in front of the safety fence.

4. A maximum of 5 aircraft should be flying at any one time. Exceptions can be made for club sanctioned events.
5. Taxiing in the pit area is not permitted.
6. The No Fly Zone is north of the railroad tracks or south of the flight line.
7. Any pilot calling out "DEAD STICK!" has landing priority.
8. Pilots should call out loudly an intention to land (LANDING!), to taxi for takeoff (TAKING OFF!), or to retrieve a plane from the field (ON THE FIELD!), and proceed only when safe to do so.
9. Whenever more than one plane is in the air, pilots should agree on a circuit direction. Aerobatics and 3D flying should be performed, with due courtesy and consideration for safety, in the general direction of the circuit.
10. Student members should fly with a designated instructor present; using a buddy box.
11. Members should not use alcohol and/or illegal drugs at the field. The use of alcohol and/or an illegal drug at the field will be treated with ZERO TOLERANCE and automatically result in the immediate grounding and suspension of flying privileges for the balance of the day.
12. Priority will be given to fixed wing flyers for the use of the main field. Helicopter or multi-rotor flying on the main field is permitted only with the unanimous consent of all members present at the field at any given time. The operation of any helicopter or multi-rotor on the main field is prohibited while any fixed wing flying is taking place.
13. Pilots should endeavor to operate models in a manner as to not disturb the residents in the area. All models powered with internal combustion (glow or gas) engines are prohibited from flying prior to 10:00 am. Engines producing more than 88 decibels at 25 feet are not permitted.
14. The last person leaving the field is responsible for closing and locking the gate. To prevent theft of the lock, the entrance chain should be re-locked to the gate after opening and the combination dials of the lock changed.
15. Guest pilots should be sponsored by a member and present a valid MAAC card to fly their aircraft.
16. Garbage should not be left at the field. Members and visitors should take their refuse home. The club does not provide garbage collection service.
17. Members should not park their vehicles in the designated loading/unloading area. After unloading/loading aircraft and equipment, members should move their vehicles to the general parking area.
18. Membership fees should be paid before January 1st.
19. Any member of the Executive Committee may ground a pilot for the duration of the day for any action considered in his sole discretion to be unsafe or detrimental to the club.

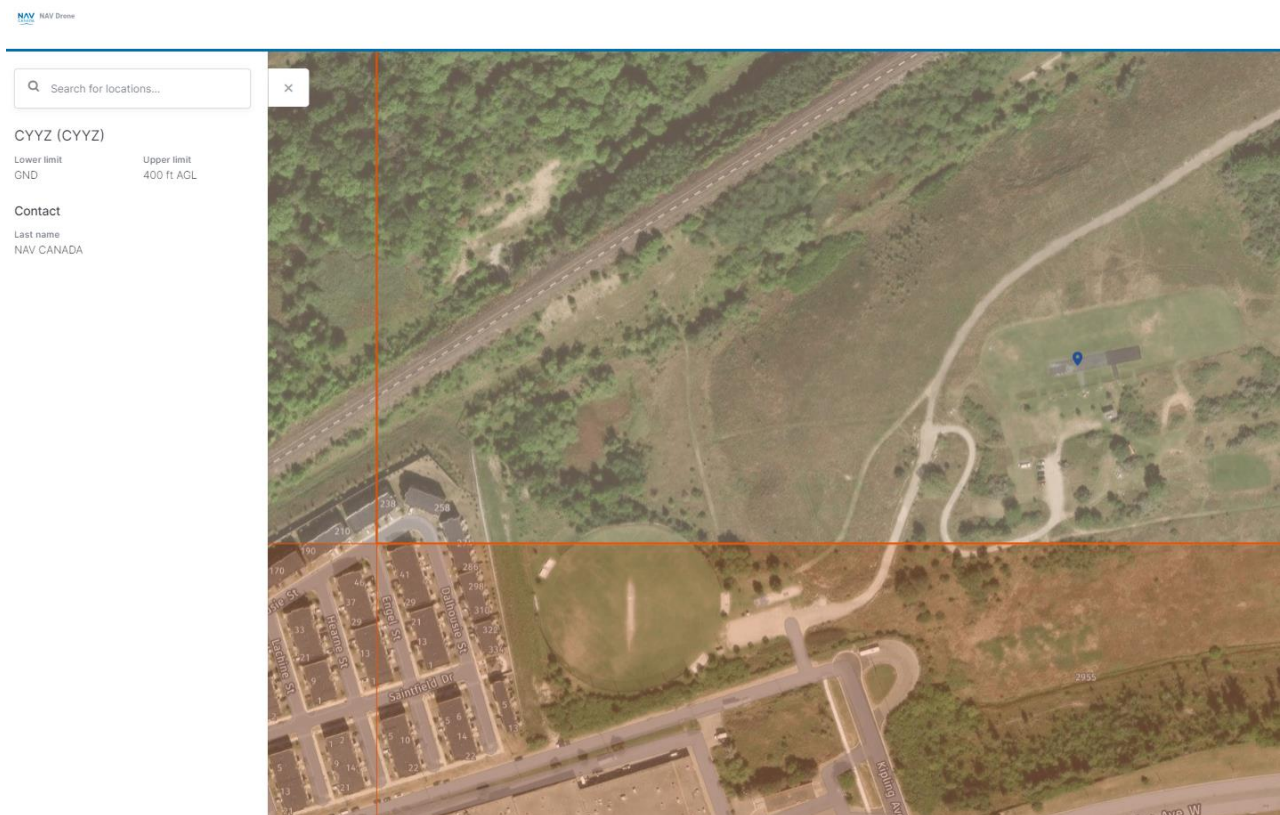
20. FLYING HOURS for the club are Monday to Saturday 8:00am to 9:00pm, Sunday 9:00am to 9:00pm (gas and glow engine not before 10am).

#### **mRPAS Site Rules**

1. All members shall follow the applicable terms and conditions of Part IX of the Canadian Aviation Regulations.
2. The Humber Valley RC Flyers Club is located inside the Lester B Pearson (CYYZ) airport control zone northeast quadrant (6 nm. YYZ vortac - 025 degree radial), 1.5 nm. inside the control zone boundary. All members conducting mRPAS activities shall give way or otherwise immediately get out of the way of all full-scale aircraft – no exceptions.
3. The CYYZ traffic patterns do not affect HVRCF site. All arriving air traffic (STARS) and all departing (SIDS) aircraft are controlled and must adhere to an accuracy of 200 feet. None of the STARS, SIDS nor 1 runway (ILS 24R) IFR approach centerline come within 1.5 nm. and 3000 feet altitude of HVRCF described lateral airspace box and limited altitude of 400 feet.
4. No RPA flying will occur below the MAAC mandated weather minimum. Cloud ceiling below 1000', horizontal visibility of less than 3sm and other obscuring conditions (fog, smoke, haze etc.) which could make spotting full-scale aircraft difficult.
5. HVRCF members should check for CYYZ related NOTAM by either using the NAV CANADA NOTAM portal or the RPAS Wilco app.
6. In the event of a fly-away towards CYYZ or any other nearby airport, call CYYZ control tower on the emergency only number 905-676-3588 to advise of the situation and direction of the fly-away.
7. In case of emergency (fire, medical, personal injury etc.) call 9-1-1 and give them the club location.
8. HVRCF is in controlled airspace, visual observers are mandatory.
  - a. At least one visual observer shall stand within arm's length of any pilot flying.
  - b. The sole role is to scan for approaching full-scale aircraft departing/arriving at CYYZ.
  - c. When the visual observer or any other member spots/hears a full-scale aircraft approaching they should yell "Airplane" loudly.
  - d. Upon hearing the "Airplane" warning, all pilots must immediately turn away from the full-scale aircraft, descend to a lower altitude and land when safe to do so.
  - e. Flying can resume only when full-scale aircraft is no longer a threat, the observer has yelled "All clear", or the pilots may make that determination themselves.
9. If there is any type of near miss or safety concern between a full-scale aircraft or a bystander and our mRPA, all flying SHALL CEASE IMMEDIATELY. The members involved should fill out a MAAC reportable occurrence report and submit that to the Club executive and MAAC 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 must keep this form for one year. 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, bystander and a MAAC mRPA – all flying will cease until MAAC confirms we may resume operations.

**NAV DRONE Viewer Altitude grid** – mRPAS up to 400'agl is permitted.





## Field Layout

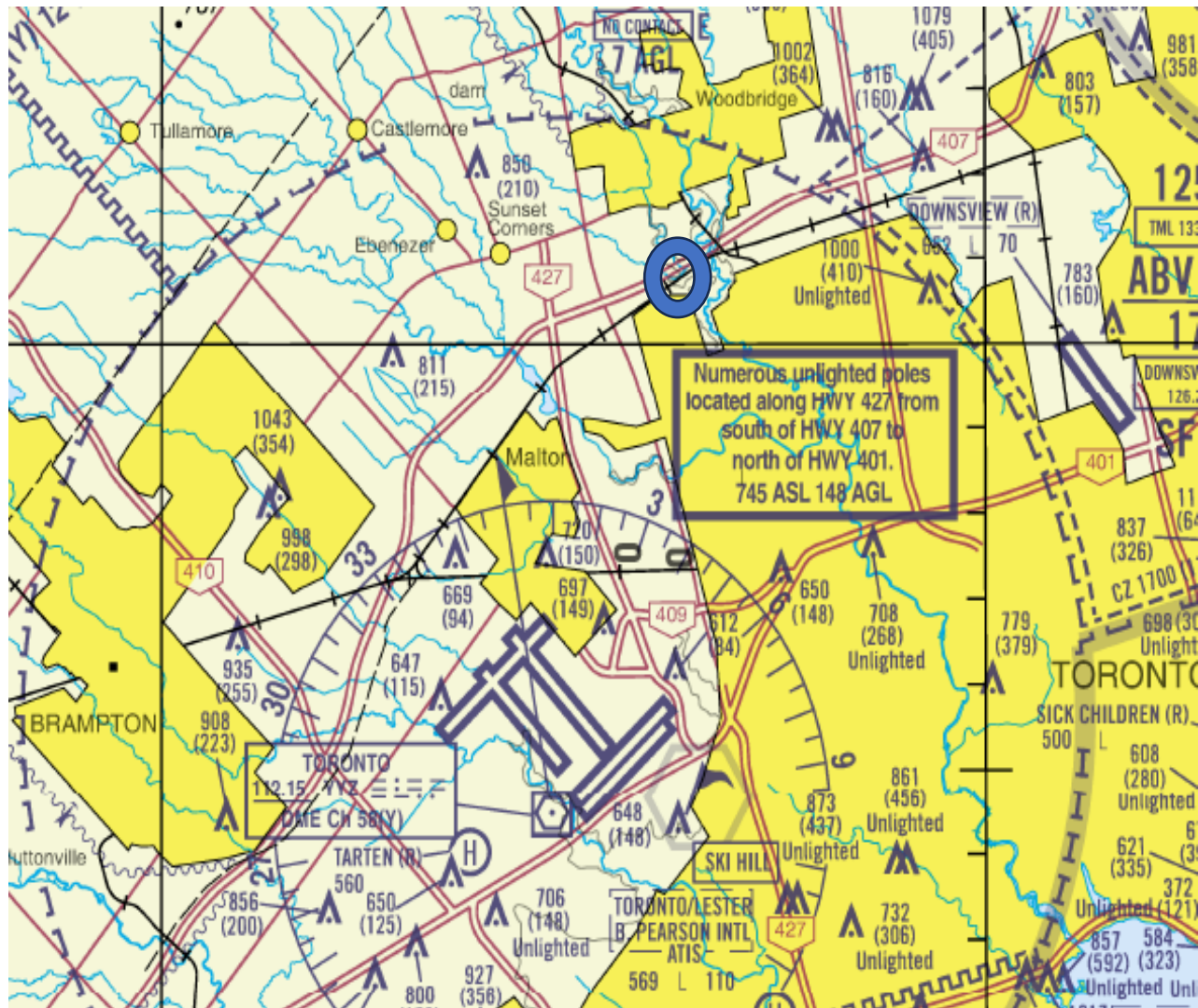
Our flying area is within the Fixed Wing and Heli/Multi Rotor Flying perimeters. Anywhere outside these perimeters are no-fly zones.





## CFS Entry

The CYYZ CFS entry does not contain any RPAS procedures, cautions or restrictions. Due to the size of the entry it is not included in this document – with MAAC concurrence. Members wishing to consult the CFS entry may do so using RPAS Wilco resource feature, or by conducting a site survey. In lieu of the CFS entry, the following CYYZ VTA provides a better depiction of our site location vis a vis CYYZ and CYZD – Toronto Downsview.



Etobicoke Civic Centre  
399 The West Mall  
Toronto, ON M9C 2Y2  
Fax: (416) 394-8935

## PERMIT is not Transferable To Any Other User, Park, Location Or Date

Date: Mar 23, 2023

Contract #: 3649412

User: ~~snierod~~

Status: Firm

## CLIENT INFORMATION

Tom Gottlieb  
Humber Valley Radio Control Flyers  
551 Saint Clements Ave  
Toronto ON M9N 1M5

Home#: (416) 781-3189  
Business#: (416) 781-3189  
Fax#: (416) 781-2212

## PERMIT FEE IS NON-REFUNDABLE.

HST#: 86740-2299-RT001

- i) **Purpose of Use** 2023 SPRING/SUMMER Model Aircraft Flying - SN Athletic Event
- ii) **Conditions of Use:**
- Humber Valley RIC Flyers is required to provide proof of insurance under the Model Aeronautics Association of Canada (MAAC).
  - An updated membership list verifying current membership of the club is to be submitted at time of permit renewal. All members who fly an aircraft must possess current MAAC insurance.
  - All members must adhere to the predetermined "Fly Zone" - South of the railroad tracks and North of the flight line (North of the pilot stations).
  - The "No Fly Zone" includes flying over any populated areas, buildings, playing fields, railway tracks or south of Steeles Avenue.
  - Aircrafts must be within the 88 decibel noise limit measured at 25 feet from the aircraft while on the ground.
  - Aircrafts that are equipped with an internal combustion engine are prohibited prior to 10:00am.
  - Humber Valley RIC Flyers and its membership are required to adhere to the Toronto Municipal Code - Chapter 591, Noise.
  - 1. Permit is subject to modifications based on the Provincial orders and guidelines and Toronto Public Health guidance.
  - 2. All activities must comply with the outdoor sports and recreation fitness distancing measures and other direction issued by federal, provincial, municipal government authorities, the sport governing body and including Toronto Public Health guidance.
  - 3. Permit holder agrees to adhere to the maximum number of participants, as required by the Provincial Regulation and Toronto Public Health guidelines.
  - 4. Permit holder agrees to proceed into updated regulations as stipulated under Provincial regulations and cannot be initiated until such approvals are received.
  - 5. Prior to attending the activity, every participant must do the self-assessment for COVID-19 on the Ontario Ministry of Health website and if they do not pass the assessment they should not attend until they pass the assessment and do not have signs and symptoms of COVID-19.
  - 6. Permit holders should be aware that the risk of severe illness may be higher if you have a weakened immune system.
  - 7. Facilities may not have all amenities/services available.
  - 8. Permit holders must comply with limitations to access restricted areas such as change rooms and washrooms.
  - 9. Participants should arrive for the starting time of the activity and not linger after the permit or activity is over.
  - 10. Each permit holder must to the best of their ability maintain a record of participants that could support potential public health contact tracing as needed.
  - 11. The Permit holder is responsible for ensuring any equipment being used is properly disinfected prior to use, during and following use. Anything a permit holder brings in must also be disinfected.
  - 12. Participants should not be sharing equipment, such as water bottles, towels or sports equipment, prior to or during the permitted activity.
  - 13. Participants must exercise appropriate hygiene including hand washing, avoiding touching other participants (e.g. shaking hands, high fives), and avoiding touching your face as much as possible.
  - 14. The attendance# reflects on average the# of participants that will attend.
  - 15. To promote a positive and inclusive experience in City of Toronto sports facilities and to protect the dignity and well-being of Indigenous communities, the City of Toronto prohibits the display of Indigenous-themed sports images, logos, or team names except for those used by Indigenous sports organizations.
  - 16. Operators and permit holders agree to adhere to the Toronto Public Health guidelines related Toronto Public Health COVID-10 Guidelines for Outdoor Recreational Amenities by providing signature below.

iii) **Date and Times of Use** # of Bookings: 245 Starting: Mar 15, 2023 Ending: Nov 14, 2023 Attendance: 20

Facility	Day	Start Date	Start Time	End Date	End Time	Mode	Weeks
Thackeray Park - Parkland	Wed	Mar 15, 2023	08:00 AM	Nov 08, 2023	09:00 PM	Weekly	35
Thackeray Park - Parkland	Thu	Mar 16, 2023	08:00 AM	Nov 09, 2023	09:00 PM	Weekly	35
Thackeray Park - Parkland	Fri	Mar 17, 2023	08:00 AM	Nov 10, 2023	09:00 PM	Weekly	35
Thackeray Park - Parkland	Sat	Mar 18, 2023	08:00 AM	Nov 11, 2023	09:00 PM	Weekly	35
Thackeray Park - Parkland	Sun	Mar 19, 2023	08:00 AM	Nov 12, 2023	09:00 PM	Weekly	35
Thackeray Park - Parkland	Mon	Mar 20, 2023	08:00 AM	Nov 13, 2023	09:00 PM	Weekly	35
Thackeray Park - Parkland	Tue	Mar 21, 2023	08:00 AM	Nov 14, 2023	09:00 PM	Weekly	35

iv) **Additional Fees**

Extra Fee - Rental

Quantity

Charge

Tax

Total