

Northern Alberta FPV League Zone A-Club 928

Telus World of Science (Edmonton) Indoor Rules

MAAC Approved: July 14, 2026

Northern Alberta FPV League have been given permission to conduct MAAC modelling activities indoors and fully understand and agree any permission granted applies to indoor activities **only** – no exceptions

Administrative

Contact Name: George Wenzel, Club Secretary
Cell: 780-240-3200
Email: info@northernalbertaFPV.ca

Location: Telus World of Science (Edmonton)
1211 142 ST NW, Edmonton AB, T5M 4A1

Coordinates: 53° 33' 39.89" N 113° 33' 48.99" W

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

1. be MAAC members in good standing.
2. be members of the **Northern Alberta FPV League**, or an invited guest of **Northern Alberta FPV League** and
3. agree to follow the MAAC Safety code and all other site rules.

Site will be used for indoor first person-view (FPV) micro-drone racing (max MTOW 40g) in a designated area within the facility. Facility staff will provide stanchions to mark a perimeter and ensure bystanders remain at a minimum of 3m from the designated flying area.

The club secretary will ensure a hard copy of these rules is available on site whenever modeling activities are occurring, and an additional hard copy will be maintained by facility administration.

In the event of an emergency, phone **911** and the civic address to provide to first responders is

11211 142 ST NW, Edmonton AB, T5M 4A1

Normal operating procedures and Site safety rules

This site allows the following modeling categories:

- mRPAS

For members operating mRPAS at this site:

Flying will be restricted to an area designated by the facility administrators with a minimum distance of 3m from any bystanders. To ensure bystander safety aircraft will be restricted to a maximum of 40g MTOW, 1S battery (max 4.35v), with full ducting around propellers.

Within the designated area, a separate pilot/pit area will be established using tables adjacent to the flying/track space.

1. All pre-flight inspections or assembly shall be done in the designated 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 be determined by the race director at the beginning of each event and will be communicated to all pilots during the required track walkthrough and safety briefing..
4. Hand launching and bungee launching shall be done in agreement with any pilots flying – normally off to one side of the pilot stations.
5. Recovery of RPA that land/crash in the modelling/flying area will be done in agreement with all other modellers/pilots flying. Do not fly/operate a model directly over/near other persons recovering a model.
6. Aircraft flown at this site are restricted to quadcopters powered by single-cell (1S) battery power, maximum charge 4.35v, and fully-ducted (commonly called 'whoop-class' drones). Analog or HDZero video transmitters may be used with maximum 25mw transmission power. Other FPV video systems may be permitted at the discretion of the race director in separate heats.

All pilots must demonstrate adequate FPV piloting skill such that they are able to maintain hover and safely land their aircraft upon conclusion of each flight.

7. MAAC "spotters" are mandatory at our site. The following are site procedures for ensuring bystanders:

- a. List any areas to be careful of approaching bystanders, or areas where bystanders are permitted with no other safety requirements (behind mesh barriers, plex-glass or other physical barriers)
- 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. Local emergency number is 9-1-1 and facility is equipped with defibrillators and fire extinguishers in close proximity to the modeling area. Any emergencies will be communicated to facility staff as well as 9-1-1.
10. There are no other risk mitigating strategies required at NAME modelling site.
11. The Club/site/Event organizer/executive will review these rules at least once a year.

Site Layout:

