

New Canaan R/C Society Flying Field Rules

1. General

- a. **Flying at Waveny Park is allowed only for club members** and their guests. You must have an active AMA membership card and NCRCS membership card with you when flying. Your membership card says if you are allowed to fly unsupervised.
- b. **You must respect all AMA Safety Rules** (<http://www.modelaircraft.org/files/105.pdf>). This includes labelling your aircraft with your identification information.
- c. **Fly only when and where it is safe to do so!** Never fly over people's heads (that includes park maintenance staff!), over crowds, or any activities on the field. Only fly under weather conditions you are able to handle.
- d. Guests may fly **only if they are AMA members** and accompanied by a club member who is responsible for ensuring the guest knows and follows all rules.
- e. 72Mhz frequency control is the responsibility of the pilot. If you switch on your transmitter before making sure the frequency is clear, you must pay for damage caused to other pilots' aircraft.
- f. In the absence of a club officer, any club member can declare the field unsafe and require pilots to land.
- g. All accidents or violations of flying rules **must** be reported to the club Safety Officer. This particularly includes any crash or landing outside the field boundaries and injuries in the pit area.

2. When and Where to Fly (see attached maps for Fields A and B)

- a. Flying is only allowed on Field A or Field B. Other areas of the park and the High School ground may not be used.
- b. Flying is generally permitted every day from 8am until sunset (no night flying!), except for
 - i. noisy aircraft (high pitched ducted fans and combustion engines, high speed electric), which have restricted flying times: 10am - 2pm on weekdays 8:30-12pm on weekends/holidays.
 - ii. Field A, where no flying is allowed while the pool is open. See posted dates for pool hours.
- c. The primary flying site is Field A. Use Field B if the pool is open or there are other activities restricting Field A. Irrespective what field you fly on, you must yield to the safety of all other park activities.
- d. No flying on Field B while there are events (e.g. day camps, weddings) at Waveny House.
- e. No flying over the dog park, the pool, or other houses.
- f. On Sunday mornings respect the designated areas as shown on the map to avoid mid air collisions. Rotary wings stay out of fixed wing airspace and vice versa. Violation of designated areas implies financial responsibility for damage caused. Mid air collisions in shared airspace: each member pays for the repair of their own model only.

3. Fixed Wing Rules

- a. Spectators must keep out of the pit and pilot area.
- b. Pilots line up along the flight line demarcated by cones.
- c. No flying over or behind the flight line, in particular the pit area or over the pilots.
- d. Members and guests should remain off the flying field except while retrieving an aircraft. Before stepping on the field, members must announce their intention to enter the field such that all active pilots can hear it. Such member is also responsible to watch for and avoid incoming aircraft.
- e. Pilots must announce takeoff, landing, and aerotowing such that all other active pilots can hear it.
- f. Flying with a co-pilot is strongly recommended for high powered or heavy aircraft.
- g. The co-pilot or other club members must attempt to clear the field of casual intruders, have the pilot restrict the flying area to avoid flying over the intrusion, or have the pilot land the plane safely.
- h. When taking off from the baseball diamond, the pilot should return to the flight line as quickly as safe flying will allow.
- i. Airspace sharing rules:
 - i. Up to six (6) gliders in the air that must fly higher than 150ft except for takeoff and landing
 - ii. Up to four (4) power planes that must fly lower than 150ft.
 - iii. The club membership card is used as a pin to secure a spot on the flight pole (see attached graphic)

4. Rotary Wing Rules (apply when flying from Field A Rotary Wing Area)

- a. Only 2.4 GHz or similar systems with automatic frequency collision avoidance are permitted.
- b. Only ONE (1) Rotary Wing aircraft in the air. Pilots take turns by mutual agreement.
- c. Maximum flight time per flight is ten (10) minutes.
- d. When flying high powered aircraft (Helicopters with blade size 320mm or greater), all spectators and non-flying pilots must stand behind the baseball diamond's fence.
- e. The use of a co-pilot is strongly recommended.

5. First Person View (FPV) and small Unmanned Aerial Systems (sUAS) General Rules

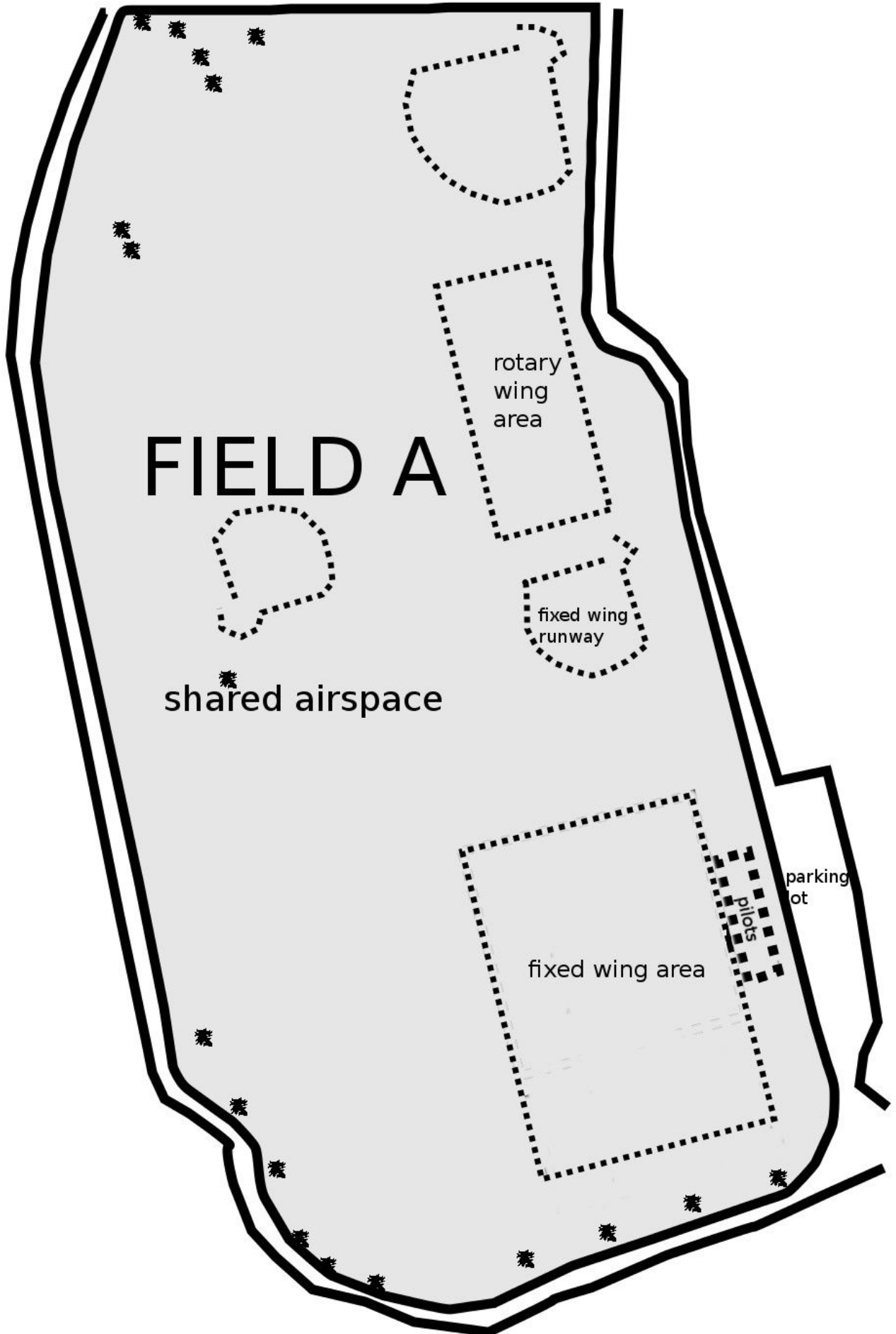
- a. All FPV (fixed wing / multi-rotor) and sUAS flying must occur from the flight line of the FPV area on field B as indicated on the map. Flying on field A is only allowed as an exception, and requires the express permission of a safety officer present, decided on a case-by-case basis.
- b. All AMA safety rules and rules for FPV flying (AMA Document #550) and flying of small UAS (AMA Document #560) must be followed. This means NO FLYING WITHOUT A SPOTTER.
- c. Before their first flight at the club pilots and their equipment must be cleared for flight by a safety officer or a club designated flight instructor. Equipment must be checked for proper fail-safe configuration. Pilots must demonstrate line-of-sight flying proficiency. Pilots new to FPV flying must learn to fly FPV with a student-teacher (buddy box) setup.

6. FPV area flying procedures (see attached maps)

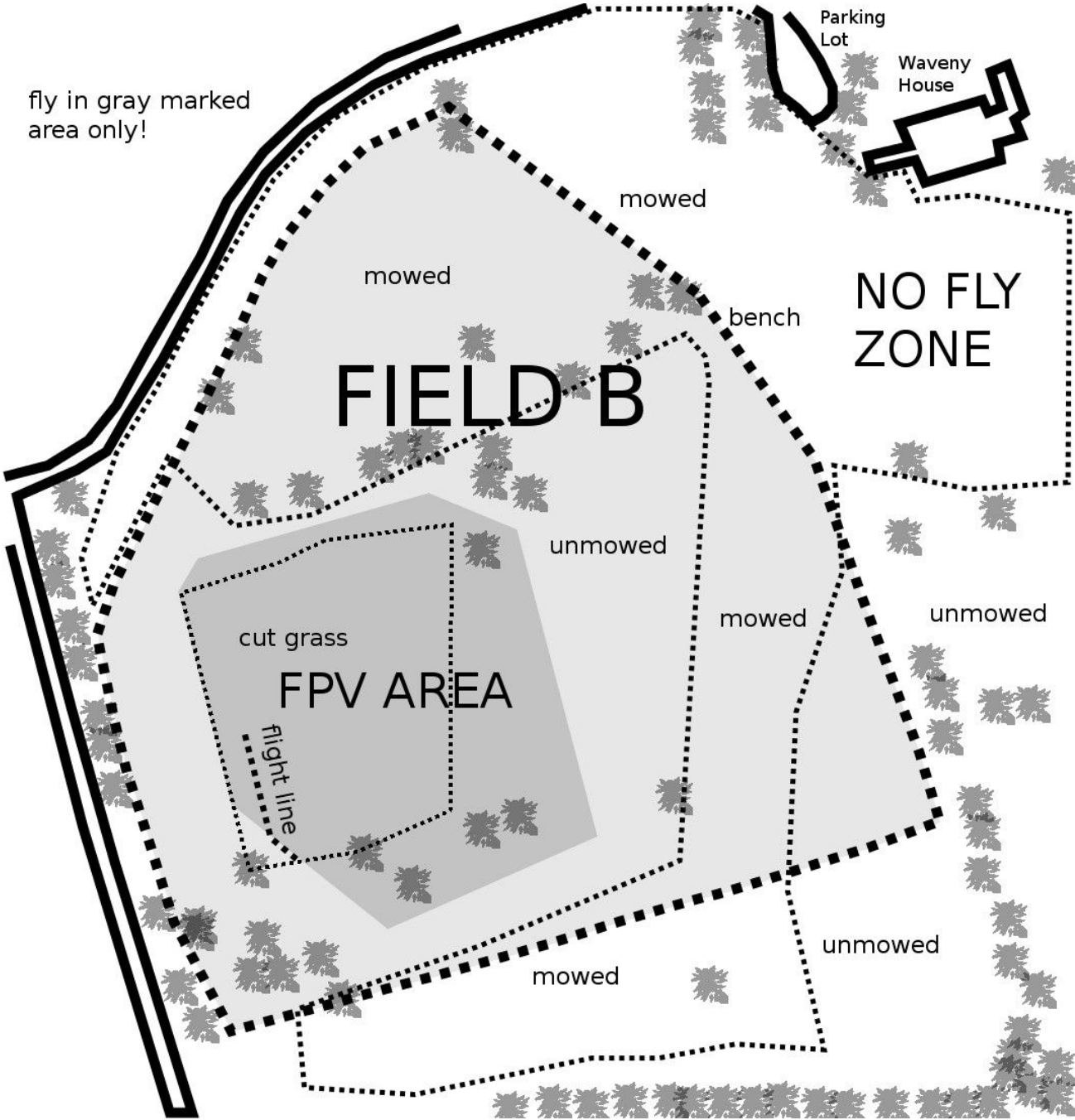
- a. NEVER power up an FPV model or video transmitter without following the Video Frequency Protocol below. You may be held responsible for other member's loss of equipment.
- b. FPV aircraft must keep a minimum distance of 30ft from any FPV pilots (risk of interference).
- c. Spectators must keep out of the pit and pilot area.
- d. Pilots line up along and behind the flight line demarcated by cones, 30ft from the edge of the field.
- e. Flying only in the area marked "FPV area" on the map. No flying over or behind the flight line, in particular the pit area or over the pilots.
- f. Any race track layouts must have the straight part parallel to the flight line, and keep a minimum of 50ft away from it (see map).
- g. Members and guests should remain off the flying field except while retrieving an aircraft. Before stepping on the field, members must announce their intention to enter the field such that all active pilots can hear it. Such member is also responsible to watch for and avoid incoming aircraft.
- h. Pilots must announce takeoff and landing such that all other active pilots can hear it.
- i. The spotter or other club members must attempt to clear the field of intruders or have the pilot land the aircraft when and where it is safe to do so.
- j. A maximum of six (6) aircraft is allowed to fly at the same time.

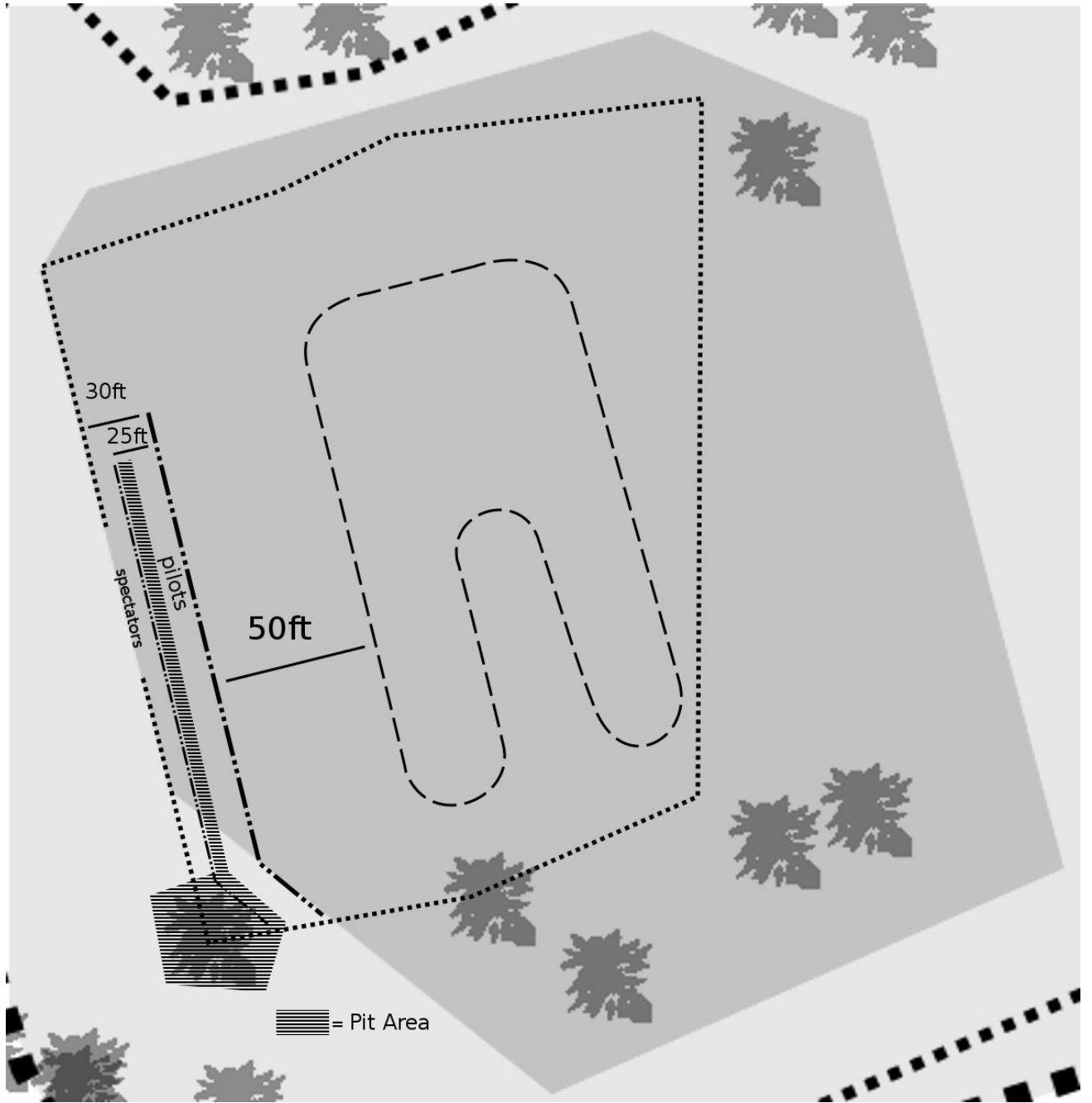
7. Video Frequency Protocol

- a. DO NOT POWER UP YOUR MODEL or any video transmitter before all of the following steps have been completed.
 - i. All active FPV pilots must have landed and confirmed that it is safe to turn on your video transmitter.
 - ii. The frequencies of all other FPV pilots have been established.
 - iii. You have picked a frequency that does not conflict with other active FPV pilots or have negotiated with such pilots that it is your mutually exclusive turn to fly.
 - iv. You have activated your RECEIVER (goggles, screen) on your frequency and you do NOT see any other FPV pilot's video feed.
 - v. You have made positively sure your video transmitter is set to the intended, non-conflicting frequency.
- b. Pilots must announce their intention to take off, and give other active pilots reasonable time to power up their video transmitters for concurrent flight.
- c. Before take off each pilot must verify that their video feed is of sufficient quality.



fly in gray marked area only!





NCRCs ATC

waiting to fly

flight queue

gliders
maximum

6

power-planes
maximum

4

remove pin when done flying



**PLAN THE FLIGHT,
FLY THE PLAN**