

CVRC Field

Safety Rules



- 1) Spectator and Vehicle Control
 - a) Spectators will be restricted to the designated area depending on the event.
 - b) Automobiles will be restricted to the designated roadway and parking area.

- 2) The official AMA National Model Aircraft Safety Code applies to all flying activities.
 - a) I will have completed a successful radio equipment ground range check before the first flight of a new or repaired model.
 - b) I will not fly my model aircraft near spectators until I become a qualified pilot.
 - c) Only personnel involved with flying the aircraft are allowed on the flight line. Intentional flying behind the flight line is prohibited.
 - d) I will operate my model using only radio control frequencies currently allowed by the Federal Communications Commission.
 - e) For combat, the distance between the combat engagement line and the spectator line will be 100'. Additional safety requirements will be per the RC Combat section of the current competition regulations.
 - f) At air shows or model flying demonstrations, a single straight line must be established – one side of which is for flying with the other side for spectators.
 - g) With the exception of events flown under AMA competition rules, after launch no powered model may be flown closer than 25' to any person.

3. Following are some additional CVRC regulations.
 - a) Knife-edge leading edge wings are not allowed.
 - b) Metal propellers are not allowed.
 - c) Motors must have installed a spinner or rounded propeller nut of not less than 1/8" radius. Any non conforming motors shall required a waiver from CVRC.
 - d) Models must be identified as required by AMA & FAA requirements.
 - e) Member badges and AMA cards will be worn and visible whenever flying.
 - f) Aircraft with wheels must use runway or get approval by pilots flying that day.
 - g) All rules for electal planes will apply to float planes.
 - h) Mufflers on aerotow tugs are mandatory for all engines. Flow-through mufflers are not allowed. All aircraft will be operated with a maximum sound level of 98db measured at 9'.
 - I) Guests are allowed to fly twice before they are required to become a member.
 - j) Major field repairs shall be inspected by a second club member to certify (air worthy).
 - h) All electric aircraft shall have an arming switch.

4. Flying Areas and Procedures.
 - a) Flying is not allowed over the **pit areas or spectators (NO FLY ZONE)**.
 - b) The approved power plane flying area is defined from the north side of the grass with the exception of landing and west of the pavillion. Sailplanes low level flying area is to the south of the grass and unlimited to the east. Aerotow south grass landing strip. Sanctioned events may have different boundaries. See shared use map on 5.

- c) When 2 or more pilots are flying at the same time it is required that an observer/ spotter be present and recommended pilot has spotter at all times. The duties of the observer are to inform the flyers concerning other models in the flight and to provide information to all pilots concerning such events as impending landings, touch-and-go maneuvers, dead stick landings and equipment problems.
- d) Pilots wanting to fly shall stop and wait at diagonal taxi threshold (near winch 1).
- e) New pilots must demonstrate their ability to a club officer before soloing. Novice pilots must have an experienced pilot by their side to lend assistance if required. Solo flights include but are not limited to:

**Safe takeoff

** Ability to fly straight & level flight

** Right & left turns

** Touch & Go landings

** Full-stop landings

- f) There shall be a maximum of 2 aircraft in the air simultaneously unless the 3rd flyer has requested and received approval of the other 2 pilots to fly. This excludes sailplanes.
- g) All aircraft shall stay below FAA rules altitude.
- h) If a full-size aircraft or helicopter enters the CVRC airspace, it is recommended that all RC pilots land your aircraft as quickly as possible or remain well clear. Pilots should use their best judgment to determine the safety of both the full-size craft and everyone on the ground, keeping overall safety at the forefront of their activities.
- I) No motor runs are allowed in the pavilion. If it is necessary to work on such an electric RC aircraft pilots must use the test stand. Only then can the aircraft be armed to check operation.

5) Pit Areas

- a) Pit operations will be restricted to the designated areas.
- b) Engine running is not allowed under the pavilion area.
- c) CVRC will provide and maintain a permanent adequate first aid kit at the flying site.
- d) Taxing into the pit area (pavilion) after flight is prohibited.
- e) Takeoffs are not allowed from the taxiway.
- f) As described above, electric RC aircraft can only be armed (arming switch) after leaving pit not in the pavilion.
- g) Motor test runs will be done on the runup table with the assistance of second pilot to hold the aircraft. Everyone else shall maintain 10' away from the stand. This shall include range checks.

6) Special flights of models that do not comply with AMA regulations can be undertaken only if:

- a) The individual obtains approval of the safety office and board of directors.
- b) The pilot provides proof of additional liability insurance.
- c) The field is closed for flight.

CVRC Drone Program

Structure: The CVRC drone program will have the following officers

- 1) Safety Officer: this member is responsible for ensuring compliance with safety rules, both drone specific, and general safety at the field. This officer will ensure that each new drone member
 - a) Has current AMA status (Full, not Park Flyer)
 - b) Has signed a drone program safety card, acknowledging they have read and WILL follow all safety rules
 - c) Is a current member of the CVRC club, with current dues
- 2) CVRC Liaison officer: This officer will be responsible for general club duties, mainly consisting of
 - a) Attending general membership meetings and representing the Drone members
 - b) Ensuring drone members do our part to maintain the field, including but not limited to ensuring our designated area and the adjacent area are mowed in accordance with club rules and frequency requirements (in the Summer, generally every 1-2 weeks)
 - c) This officer does NOT need to carry out all tasks herein, but is required to ensure these tasks are completed on a regular and timely basis

Safety Rules: All specific drone safety rules and general safety rules MUST be adhered to. Failure to adhere to these rules will result in the following

- a) First violation: warning
- b) Second violation: temporary suspension.
- c) 3rd: Long term suspension or banishment, to be determined by drone program membership in consultation with general club leadership.
- d) Any individual violation MAY BE subject to immediate, indefinite banning of an individual, provided the violation is serious, and/or other factors of the incident cause officers and membership to seek immediate and indefinite suspension of club privileges.

Specific Drone Safety Rules:

- 1) NO drone pilot will be allowed to fly their craft higher than approximately 50 feet Above Ground Level (AGL), or NOT higher than the highest part of the tree line running along the Southern edge of the drone field. In the course of racing through gates a pilot may experience a situation in which their drone goes above 50 feet, provided it is not on purpose (as in a bounce off of a race gate), and provided they take immediate steps to return their craft to below 50 AGL.
- 2) All drone pilots must fly their drone within the lateral boundaries of that portion of the CVRC field designated for drone racing practice. This boundary will be made known to each drone pilot arriving at the field for practice, and will be physically demarcated by marked trees, cones, high visibility tape, and other types of boundary markers as needed. This boundary will have a small buffer circumnavigating the boundaries of the drone race track.
- 3) Battery safety: all drone pilots flying at the club will practice proper Lipo battery safety, to include:
 - a) Safe charging and discharging of batteries
 - b) NO over charging lipo batteries above their intended/rated voltage per cell
- 4) Duty to yield, see and avoid: Drone pilots MUST, under all circumstances, yield to fixed wing pilots. Even where a fixed wing pilot enters the vertical and lateral boundaries of the designated drone racing area, drone pilots must immediately make all reasonable efforts to yield to the fixed wing aircraft.
- 5) Those participating in the drone program must be members of CVRC and have an up to date membership with the AMA.

- 6) Pilots will be familiar with and follow AMA FPV Guidelines. [Link: https://www.modelaircraft.org/](https://www.modelaircraft.org/)
- 7) A novice flyer will only fly when accompanied by an experienced pilot.

General rules:

- 1) The intention of the drone program is for learning, practice, and participating in FPV drone racing. Any activities beyond the nature of FPV racing is prohibited. This includes, but is not limited to: FPV freestyle, photography, and long range flying.
- 2) Drone pilots may NOT set up their gear under the main pavilion, nor charge batteries at the power outlets there. This area is reserved for fixed wing members ONLY, unless specific permission is granted by club leadership. Use of this space is prohibited even when no fixed wing pilots are present.
- 3) Clean up after yourself: members must NOT leave any trash behind when they leave the field
- 4) Drone pilots must observe the CVRC calendar of events before flying to ensure they are not to interfere with other CVRC sanctioned activities or events. Sanctioned events have priority over the drone program.
- 5) No alcohol, loud music, or pets.
- 6) No smoking in the pit areas.
- 7) No children permitted beyond the spectator area unless supervised by an adult or flight instructor.
- 8) A guest may participate for up to two (2) days before being required to join the club.
- 9) When in doubt of any rules, PLEASE ASK!

These policies are subject to change at the discretion of CVRC Board Members.

Other operations as approved by the Board of Directors. The rules set forth here shall be amended by the Board of Director when needed.

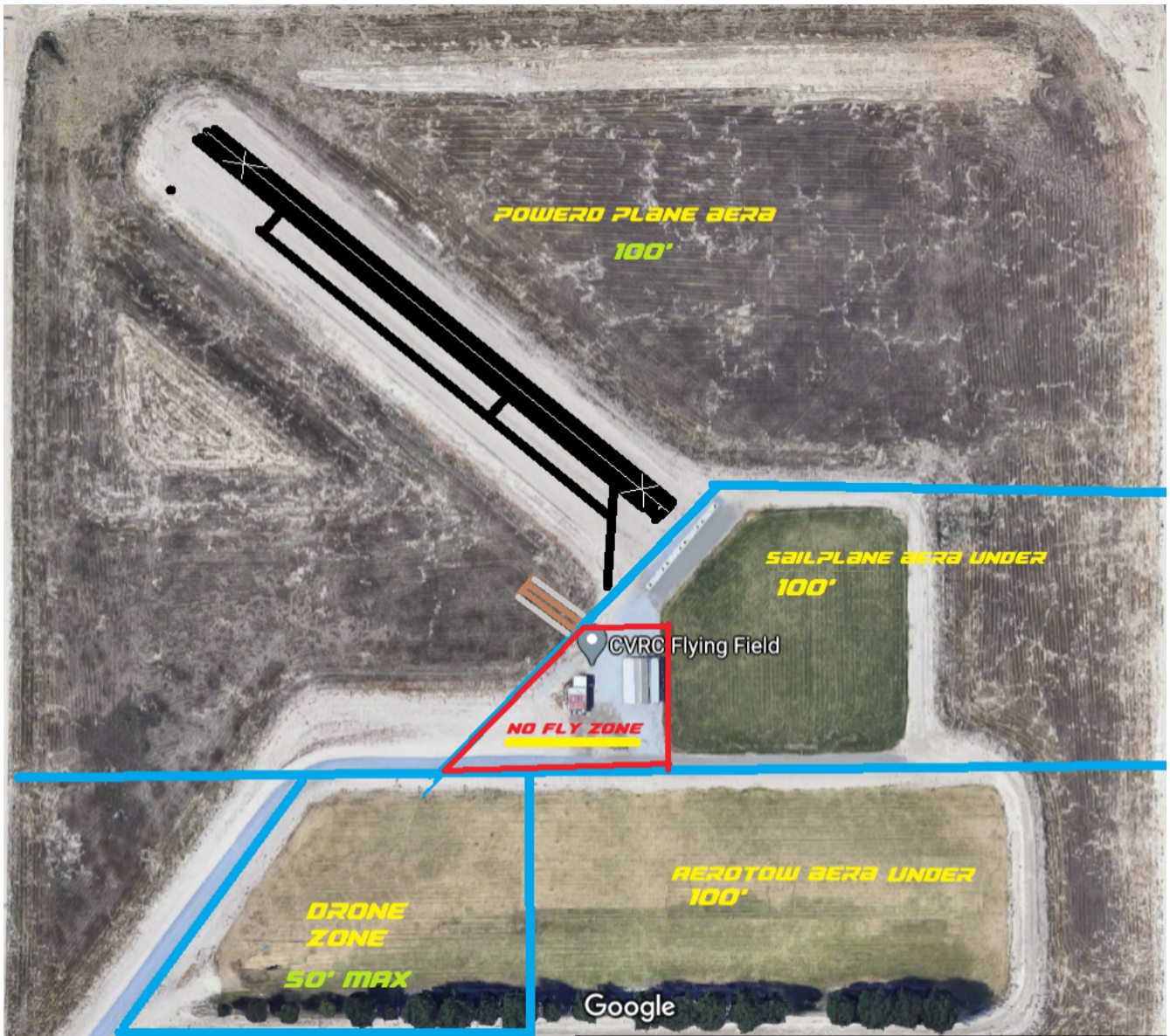
Courtesy pays great dividends. Each member is obligated to ensure that they are not discourteous and that they are setting a good example. This means not only observing the safety rules but also giving consideration to others.



**R/C SAFETY STARTS WITH
YOU!**



CVRC Field flight map



FOR SHARED USE

I _____ have read and understand the safety rules set forth by the
Central Valley Radio Control club . _____ AMA# _____

