

Cleveland Radio Controlaires

Field Manual

December 12, 2019

Purpose The purpose of this manual is to concisely define procedures, rules and regulations governing the conduct and flying of model aircraft at the club flying site. Changes to the manual can be made by three-quarters majority vote at any regular meeting. Any changes require re-issuance to the entire membership.

Aircraft Only those aircraft that are radio controlled are permitted.
NO TURBINE POWERED AIRCRAFT ARE ALLOWED.

Guests Use of the club flying facilities is limited to club members in good standing and their invited guest(s). Guest flyers must be accompanied by a club member at all times and possess a current AMA membership and a current FAA registration certificate. At any given time, either the guest or the member may be flying, but both cannot fly at the same time. It is the responsibility of the member to ensure that their guest(s) comply with club rules and regulations. In case of a frequency conflict, the rights of any member are superior to those of any guest.

Introductory Pilot Program A person who wants to sample RC flying and does not have an AMA membership may fly one time with an AMA registered Introductory Pilot Instructor using a buddy-box. Thereafter, they must be enrolled in the Introductory Pilot Program (IPP) and follow all applicable IPP rules per AMA document #917, Introductory Pilot Program.

Mufflers A muffler is any device sold commercially which is intended to silence model engines. Deviations to the above definition have to be authorized by the Executive Committee. All engines above .051 cu. In. will be muffled. It is recommended that expansion type mufflers be used. All gasoline powered engines that are larger than 20cc shall have baffles in the muffler, or canister mufflers.

Excessive Engine Running Excessive engine running interferes with other pilots' ability to hear their planes while flying and is not permitted in the Pit Area. 'Breaking In' must be done at the extreme west end of the Pit Area but may not interfere with any helicopter operations at that location.

Gate If the entrance to the club flying field is controlled by a gate, chain or pole, it is the responsibility of the last member leaving the premises to secure the gate, chain or pole. The last member leaving must also ensure the shelter windows and door are closed and secured.

Hours No flying or running of motors or engines before or after the applicable permitted hours of operation which are:

Monday – 9:00 AM to 1:00 PM

Tuesday – 3:00 PM to 7:00 PM

Wednesday – **NO FLYING AT ALL**

Thursday – 9:00 AM to 1:00 PM

Friday – 3:00 PM to 7:00 PM

Saturday – 10:00 AM to 4:00 PM

Sunday – **NO FLYING AT ALL**

Parking No automobiles/vehicles are permitted on the prepared field. See map for approved parking area. No parking in marked area at the southwest corner of parking lot.

Pit Area Pilots may pit their equipment at any location along the Pit Area, as shown in the flying field diagram of these rules and regulations. Starting and assembly tables shall not be blocked or encumbered with aircraft or other equipment.

Canopies and Umbrellas Canopies and Umbrellas may be erected in the pit area only and cannot obstruct starting and/or assembly tables or block access to any taxiway. See flying field diagram for pit areas.

Flight Line The Flight Line is the northern edge of the runway and is defined by an orange cone on each end of the runway. The Flight Line is considered to extend to infinity easterly and westerly from the runway and flight north of the Flight Line is expressly prohibited. See flying field diagram.

Flight Stations Flight Stations are in the area defined by the Flight Line on the south and the Pit area on the north. See the flying field diagram. Pilots must stand at one of the Flight Stations (flush with the ground patio stones) when flying their aircraft. Only one (1) pilot per station except for spotter or buddy box use.

Landings/Takeoffs

- A. Landing aircraft have the right of way.
- B. Non-powered (gliders and dead stick) aircraft have landing priority
- C. All landings/take-offs will be fifty (50) feet from, and parallel to, the Flight Line.
- D. The first turn after take-off will be away from the Pit/spectator area.
- E. Models should be cleared off the runway in a timely manner.
- F. All landings should be announced.
- G. Flying over the road to the east of the flying field, Fisher Road, is not permitted. Take-offs and landings must stay on the southwest side of Fisher Road. (Keep the stand of trees to the east of the field behind your aircraft while landing to stay away from Fisher Road).
- H. Flying over the Pit Area is not permitted with any aircraft.
- I. Taxiing of aircraft for takeoff is permitted in the pit area as-long as the direction of travel is directly to the runway, due south. After landing, taxiing from the runway into the pit area will be done in a direction approximately parallel to the runway, not due north.

Helicopters The flying of helicopters in forward flight is permitted from the Flight Line. When hovering, they must go to the designated area at the west end of the field (Hover Pad)

First Person View First Person View (FPV) flying must be done per the requirements and limitations of the AMA as defined in the then current AMA document #550, *Radio Controlled Model Aircraft Operations Utilizing "First Person View" Systems*. Because of limited peripheral visibility, FPV flying must only be done with an AMA FPV Spotter and in coordination with other pilots assuring that no other planes are in the air at the same time as an FPV flight.

Frequency Control

- A. A Frequency flag is required on all transmitters other than 2.4 GHz equipment.
- B. When not in use, transmitter antenna will be collapsed except for 2.4 GHz equipment.
- C. Except for 2.4 GHz equipment, before flying an aircraft or turning on a transmitter, a member must put their membership card, or other form of ID, in the slot of the frequency control board that matches their radio frequency and in front of any other cards that may be in that slot if the frequency is not currently being used by another member.

Forbidden Equipment Video Broadcasting devices (cameras with transmitters) operating on the 2.4 GHz band must not be used at the field for any reason at any time.

Forbidden Flying Members and/or guests shall not fly while there is grass cutting or field maintenance equipment on the field for operator safety reasons. Persons waiting to fly must receive clearance from the person(s) working on the field and only after their equipment has been removed from the field. Flyers shall always yield to equipment and operators on the field. This does not pertain to workers or equipment in the parking area.

Enforcement/Conduct It is the responsibility of the entire membership to abide and in turn enforce the rules and regulations in this manual. Contest Directors at any official Club Event may alter and/or modify the rules hereof. In all cases, ***all members will adhere to the official AMA safety code.***

If a person flies behind the flight line or over Fisher Road, repeatedly, that person will be required to fly with a qualified instructor on a Buddy Box until deemed qualified.

Drinking of alcoholic beverages is permitted only after the member or guest is finished flying and/or participating in flying activities for the day. Can covers should be used to promote a better public image of the club.

