



## Lake of the woods Community Radio Control ( LOWCRC ) AMA #5595

### Member's Handbook (as of 30 March 2025)

#### Rules For LOWCRC Use of Lake of the Woods Community Property

Welcome to the club! We truly hope that you will find the RC hobby as fun, relaxing and fulfilling as we do. To be able to enjoy the hobby in the safest manner while also being respectful to our community and our neighbors that live here, we have created this set of Rules and Guidelines to govern our activities. Please review these keeping in mind as you are participating in club events or just enjoying the hobby on your own as a member of LOWCRC.

**(These rule and guidelines may be updated and or changed as needed in the future.)**

#### General Rules

1. Club Membership Requirements
  - a. Minimum Park Flyer or Youth AMA Membership
  - b. Membership Dues Paid for the current year.
  - c. Must be a resident or sponsored by a resident of Lake of the Woods
    - i. Sponsoring resident will be responsible for providing LOWA guest access to the club member for activities and events.
2. Locations for Club activities.
  - a. Sweetbriar Field (Primary)
  - b. We may use other parks, and public locations within the community for formal (Sanctioned) and informal club events, following Lake of the Woods Association INC, (LOWA) Regulations, Policies and Procedures.
    - i. It is your responsibility to become familiar with LOWA Regulations, Policies and Procedures.
    - ii. See Section below to all full LOWA Documents and Forms
3. Event Planning
  - a. All formal (Sanctioned) Events will be schedule by club officers who are AMA Event Managers or Contest Directors.
  - b. A Designated LOW Resident member will submit a Facility Use Request Form under the direction of Club officers as needed. (SEE LINKS BELOW)
  - c. Members are encouraged to meet and enjoy the hobby together (If reserved space is required see Section 2b above)
4. The hours of operation of community parks and amenities are those of LOWA and are listed at each location.
5. Always remember to follow posted Speed limits while driving on or around the LOWA Community.
6. No member will operate their radio-controlled aircraft, vehicle or device while under the influence of alcohol, medications, drugs or any substances.
7. Approved Radio-Controlled Device Power Systems:
  - a. All Aircraft, Ground or Marine RC Vehicles and devices **must be electrically powered.**
  - b. Max Battery size: 16.8v max power system (ex. 1 cell – 4 cell Lipo battery)
  - c. All Liquid fueled or combustion powered RC devices (aircraft, ground, or marine RC Vehicles) are **strictly prohibited from use** in any of the parks or beaches on the Lake of the Woods property,

- by our club or its members during formal or informal club activities.
8. If the event of an accident and or emergency take immediate action.
    - a. Cease all RC related Activity.
    - b. Address the accident or emergency
    - c. Call 911 if necessary
      - i. Severe bodily injury – Call 911
      - ii. In Case of Fire – Call 911
      - iii. Any other emergency requiring Security / Police / Firedepartment – Call 911
  9. All Formal and informal activities will be paused or concluded under the direction of LOWA security and or Fire Department.
    - a. Activities can be resumed once clearance is provided by Lake Security and or Fire department.
  10. Marking of RC Vehicles and devices:
    - a. All Aircraft will have the operator / owners AMA # and FAA Pilot Registration number affixed to the aircraft on an external surface.
      - i. It can be a label or handwritten as long as it is legible.
    - b. All other RC Vehicles will have the operators AMA number affixed to the vehicle as mentioned above.

#### Rules for RC Aircraft Operation

1. Park Flyers– Small Radio-Controlled Aircraft less than 2lbs and incapable of exceeding speeds of 60mph.
2. Approved Aircraft Weights for club member recreational activities.
  - a. RC Aircraft Under 249 Grams in take off weight.
  - b. Over 249 Grams (9ounces) but less than 9007 Grams (2lbs)
    - i. Must be equipped with remote ID module
3. Approved Aircraft Types
  - a. Fixed wing
  - b. Multicopter
  - c. Helicopter
4. Exceptions for aircraft size only may be made for seasoned pilots who have a proven their ability to fly the particular aircraft in the area or space which is provided.
  - a. Other exceptions may be made for flight demonstration event purposes.
5. All aircraft should be restrained when under power until released for hand launch or flight.
6. No aircraft should be intentionally or unintentionally flown closer than 20ft from any person on animal.
7. All pilots are responsible for safe operation of their aircraft in the space provided.
  - a. No pilot should operate any aircraft to large or in a space too small for their ability unless doing so under the direction of a club approved trainer.
8. All Aircraft must have the Pilots AMA member Number and FAA Pilot Registration number on the exterior of the aircraft where it can be seen and read.

#### Rules for RC Ground Vehicle Operation

1. Ground Vehicle Size Restrictions
  - a. 1/10 Scale or Smaller
  - b. Must adhere to all power restrictions as noted in Section 6 under General Rules
2. Must not be driven in the direction of or pass within 10ft of people or animals at any time faster than an average walking pace (2.5 - 5 MPH).
3. RC Cars should not be driven or run in any playground area as to spray the mulch and or Sand outside of the designated border of the playground.
4. RC Vehicle tires or tracks should be composed of a rubber compound that doesn't by design, cause permanent damage to our parks or fields.
5. Ground surface should be monitored with the use of any ground vehicle as not to cause extensive damage to the field or ground surface. If the vehicle does so is should not be operated on those surfaces until modifications are mad to eliminate this issue.

### Rules for RC Operation on the Lake

1. Operation of RC Aircraft (Float Flying off the lake)
  - i. All Rules for RC Aircraft Operation Apply (See Above)
  - ii. Recovery boat or vehicle, or appropriate means of recovery should be available for aircraft.
  - iii. No RC aircraft or Multirotor will be flown directly over head of any boat or person on the lake. A distance of a minimum of 50 ft from any person or boat should be maintained at all times.
- b. Fixed Wing Aircraft
  - i. Area of flight should be established based on the lake traffic
  - ii. Aircraft should be flown reasonably close enough to the shore to make recovery easier but still and appropriate distance from spectators.
- c. Drones / Multirotor
  - i. No FPV Drone flights are permitted over the surface of the water.
  - ii. Only Camera Drones with a GPS return to home feature can be flown over the surface of the water.
- d. RC Boats
  - i. Boats should be operated close enough shore to insure easy recovery.
  - ii. RC Boats should always be a operated minimum of 50 Ft from full sized boats and or people swimming in the water.
  - iii. Boats should be marked with the operators AMA as stated above.

### LOWCRC ETIQUETTE

1. LOWCRC is a club with its primary events and operation taking place on the property of LOWA INC which makes us guests of the Association. With that in mind, we are to be courteous, kind and respectful to everyone, guest and residents alike as well as respect for all private, community property and parks here at Lake of the Woods. We follow the direction an instruction our Club Officers, Lake Security, and the Lake Fire department. We also follow community guidelines as to maintain a great relationship with our community.
2. As a club member you are always expected to respectfully bring your concerns to the club officers. Our club officers will review your concerns and take appropriate action based on those concerns.
3. All members are expected to remove all personal trash and contribute to keeping our community parks, beaches, and trails clean.
4. Please no pets or animals during club events, except for disabled assist animals.

### LOWCRC PILOT CHECKOUT GUIDELINES

1. Pilots Must be Checked out By a LOWCRC Officer.
2. Must have a Current AMA License and be a LOWCRC member in good standing.
3. Must have a taken the TRUST and have a digital or paper copy of the certificate.
4. Read and understand all information included in the LOWCRC Member Handbook

### LOWCRC GROUND VEHICLE CHECKOUT GUIDELINES

1. RC Ground Vehicle operators must be Checked out By a LOWCRC Officer.
2. Must have a Current AMA License and be a LOWCRC member in good standing. (for insurance purposes)
3. Read and understand all information included in the LOWCRC Member Handbook

### LOWCRC OFFICIAL FLIGHT INSTRUCTOR QUALIFICATIONS

1. Have two years minimum experience with radio-controlled aircraft

2. Be a current AMA Member
3. Be familiar with AMA Safety Regulations
4. Be familiar with LOWCRC handbook and guidelines associated with flight activities in Lake of the Woods community.
5. Proven ability to fly different types of aircraft (High and Low wing Trainers, Sport Planes, and Float planes)
6. Know how to perform pre-flight inspections that include but are not limited to checking center of gravity, control surfaces, servos, engine and servo mounts, and aircraft structure.
7. Demonstrate ground handling abilities
8. Be Familiar with proper handling of Radio Control device Batteries.
  - a. Charging
  - b. Discharging
  - c. Storage
  - d. Disposal
9. Have a working knowledge of radio equipment to assure proper settings and controls.
  - a. Transmitter
  - b. Landing gear
  - c. Dual rates
  - d. Trim settings
  - e. Exponential
  - f. Receiver
  - g. Antenna
  - h. Servo connector locations

#### LOWCRC GENERAL RADIO CONTROL INSTRUCTOR QUALIFICATIONS

1. Be a current AMA Member
2. Be Familiar with AMA Safety Regulations
3. Be familiar with LOWCRC handbook and guidelines associated with flight activities in Lake of the Woods community.
4. Must be well versed in the area for which they will be providing instruction.

#### LINKS TO RELATIVE SITES AND INFORMATION

1. LOWCRC
  - a. WEB PAGE: LOWCRC.COM
  - b. MEMBERSHIP FORM: TBD
  - c. LOWCRC FACEBOOK PAGE:  
<https://www.facebook.com/profile.php?viewas=100000686899395&id=61573563783334>
  - d. LOWCRC MEMBERS ONLY FB GROUP PAGE:  
<https://www.facebook.com/share/g/1QZnz8qV92/>
  - e. AMA CLUB PAGE: TBD
2. LAKE OF THE WOODS ASSOCIATION
  - a. FACILITY USE REQUEST FORM: <https://www.lowa.org/facilityuse>
  - b. LOWA GOVERNING DOCUMENTS / REGULATIONS:  
[https://www.lowa.org/Administration/Governing\\_Documents](https://www.lowa.org/Administration/Governing_Documents)
3. ACADEMY OF MODEL AERONAUTICS (AMA)
  - a. ABOUT: <https://www.modelaircraft.org/about-ama/organization>
  - b. MEMBERSHIP: <https://www.modelaircraft.org/membership/enroll>
  - c. MEMBER GUIDE:  
<https://www.modelaircraft.org/sites/default/files/documents/AMAmemberguide.pdf>
  - d. SAFETY GUIDELINES: <https://www.modelaircraft.org/safety>
4. FAA
  - a. DRONE ZONE: <https://faadronezone-access.faa.gov/#/>
  - b. TRUST CERTIFICATION: [https://www.faa.gov/uas/recreational\\_flyers/knowledge\\_test\\_updates](https://www.faa.gov/uas/recreational_flyers/knowledge_test_updates)