

RC FLYERS FIELD RULES

August 2023



Field Operations

1. Open flying is permitted seven (7) days a week except Sunday when only electric powered airplanes are allowed prior to 9:30 AM. Per OTOW Noise Abatement Policy and HOA restrictions, no flying between the hours of 11:00pm and 7:00am, any day of the week.
2. Gas turbine aircraft may be flown by members only who have complied with all the requirements of the AMA 510 series of publications. A designated turbine waiver contest director will perform check flights for newly joined members who are waived and will supervise any member seeking a turbine waiver.
3. Guest Policy: see Attachment (1) RC Flyers & RC Car Club Community Amenities - Behind the Gates

Definitions

"GUEST": Anyone not having a current Resident, Guest Services, or Gateway of Services ID Card. Guest is anyone flying either their own or someone else's aircraft or bringing an aircraft for a Club Member to fly.

"RESIDENT SPONSOR": OTOW Resident or Sales Department Representative who brings the Guest to the use the field. They will be billed by OTOW and are responsible for paying the Guest Service Fee.

"CLUB SPONSOR": A Club Member who assists the **GUEST** in filling out the *Guest Log & Hold Harmless Forms*, reviews Club Field Rules, assures the Guest is a current AMA member, and remains with the Guest while they use the field. They are responsible for the Guest following Club and AMA Rules. **Club Sponsor may or may not be the Resident Sponsor.**

Guest Policy Summary

- All Guests **MUST** be accompanied by a Club Sponsor to use the Field.
 - Club members are not required to act as either a Resident or Club Sponsor. If you are unable/unwilling to do so, please assist the Guest in contacting a Club Officer or Flight Instructor for assistance.
 - Guest Log must be filled out. It is the Club Sponsors' responsibility to see to this.
 - Guest Fee is \$2 per day. The Resident Sponsor will be billed by OTOW monthly.
 - Guests may use the Field 3 times a month.
 - Overnight Guests may use the field for the duration of their visit. Guest Log must be filled out daily. Guest Fee is waived.
 - Employees of OTOW must have written permission from the HR Department. They can use the field unlimited times each month, no Guest Fee. They must sign the Guest Log each visit, sign a Hold Harmless, and have a Club Sponsor with them.
 - Resident Sponsor must pay the invoice within 30 days to avoid amenity suspension.
 - OTOW General Rules of Conduct apply to all members and guests.
4. Spectators will remain outside the pit area behind the spectator fence unless escorted into the pits by a club member who is held responsible for their guests.
 5. Smoking is discouraged entirely (but prohibited in the pit area, under the pavilion or on the flight line). **TAKE YOUR BUTTS HOME** if compelled to smoke.
 6. Alcoholic beverages are not allowed on site. This includes non-alcoholic beer and wine coolers.

FLIGHT SAFETY

1. AMA membership is required for both members and guests. All flyers must comply with AMA rules for Safe

Operation of Model Aircraft.

2. The NO-FLY deadline extends from the edge of the main runway east/northeast to infinity and west/southwest to the Wildlife Preserve fence, delineated by the suspended orange balls.
3. The club encourages the use of 2.4 GHz systems. The safe use of 72 MHz equipment will be self-policing without jeopardy to OTOW RC Flyers, Inc., or its officers.
4. Pit safety stands/starting benches (hereafter called starting benches) and ground restraints must be used for starting gas or glow powered aircraft. Electric powered planes must be armed (battery connected) at these locations whether switch or shorting equipped and then unarmed prior to the taxi gates after landing or at a starting bench. When working on electric powered aircraft *with batteries installed*, the propeller must first be removed.
5. A transmitter range check must be accomplished for any repaired, modified, or new aircraft prior to the first flight. A Fail-Safe check should occasionally be performed.
6. DO NOT taxi in the pit area. Walk or carry the plane directly to a taxi gate. Take-offs and hand launches are initiated from the gates and flown from one of the four pilot stations. Intentions to exit onto the runway or hand launch and all landings, particularly dead sticks, must be announced by the flyer and acknowledged by other flight station pilots.
7. All flying from the main runway is to be done from pilot stations. It is allowed for pilots of both gliders and powered aircraft to stand behind their plane on the main runway for a first flight or glider launch into the wind, but you must have consent of other flyers and retreat to a pilot station for the balance of the flight.
8. Flyers are encouraged to NEVER fly alone and use a **spotter** when multiple aircraft are in the air.
9. 3D style maneuvers or high-speed low passes must be performed north of the paved runway.

Courtesy

1. The main runway airspace is available for all members to use. Members must share the airspace and not attempt to dominate its usage. Exclusive or single member use is prohibited when other members wish to fly. The exceptions are maiden flights, test flights after major repairs or modifications and solo flights by students under evaluation. For these exceptions the pilot or instructor will request others to stand down for the affected flight. This rule does not prohibit pilots from voluntarily alternating flights, but courtesy and respect among all present is required to prevent conflicts. Fixed wing and rotary wing aircraft may not be flown simultaneously.
2. Pilots intending to fly must announce to any pilot currently in the air their intentions and receive confirmation before taking off. Pilots in the air cannot deny another pilot the opportunity to fly but may ask them to hold then immediately land.
3. Do not run engines for prolonged periods in the pits like break-in or substantial tuning or engine starting adjustments. Use the west test area for this purpose. Perform brief run-up testing for gas and glow powered aircraft at the starting benches or ground restraints but not at the taxi gate where other pilots cannot hear their aircraft in flight.
4. Use the sunshade assembly tables only for aircraft assembly or minor repairs. Remove equipment such as toolboxes, fueling equipment, transmitter cases and batteries so the tables are clear for other flyers if needed. Field boxes and starters removed from starting benches must be placed out of the way to prevent a tripping hazard for the next user.
5. Keep aircraft out of the pavilion and place them in the pit area.
6. Pets must be on a leash and always controlled. Pets are not allowed in the pit area. Properly registered service dogs are allowed to accompany their owners as an accommodation in accordance with state and federal laws and codes pertaining to The Americans with Disabilities Act (ADA).

OTOW RC Flyers Multi-Rotor and Small Helicopter Field Rules

1. The Multi-Rotor time trials field has been designed with a layout prescribed by the Academy of Model Aeronautics document entitled "FPV Multi-Rotor Club Sport Racing Recommendations" and the timing trials layout prescribed by the "Multigap Special Interest Group (SIG)". The course perimeters are 300' long and 150' wide with the pilot positions inside of a safety netted canopy/safety cage located on the edge of the course. All normal AMA and club rules pertaining to operations and spectators will be governed by these layouts. Flight is to be contained within the course, notwithstanding inadvertent excursions which require immediate correction.

2. This Multi-Rotor field was developed primarily for FPV Multi-Rotor pilots with line-of-sight multi-Rotor and small helicopter use on a non- interference basis. FPV Pilots flying at this site have priority on 5.8 GHz video frequencies. Any RC club member flying FPV aircraft on the main runway must determine if the multi-Rotor field is being used. If the Multi-Rotor field is being used, they must coordinate to ensure they are not operating on the same frequencies.
3. All FCC Rules for FPV operations on the 5.8 GHz video band shall apply (See United States Code 47 CFR, Part 15) pertaining to system power, certification, and amateur radio licensing. A minimum FCC Technician license is required for any system with transmission power exceeding 25mW. See also AMA Document entitled "System Licensing Guidance for FPV Flight".
4. Previous para 4 deleted. In part, FPV operations are governed by AMA Document 550, "Unmanned Aircraft Operation Utilizing First-Person View". All multi-rotor novice pilots in training must always have a spotter with them. Once the pilot is proficient and checked by a multi- rotor instructor, the line-of-sight pilot will no longer require a spotter. All FPV pilots will require a spotter. FPV racing will be conducted under the vigilance of a fully qualified flight line supervisor.
5. FPV pilots turning on video transmitters must announce their frequency and that they are turning on. When turning on they must also be 20 feet away from the flying FPV pilot's headset. If you notice any interference, turn off your transmitter immediately. The use of the frequency board can be helpful, but the best solution is to use the "racing league protocol" and choose mutually agreed frequencies prior to racing. Some Multi-Rotor frequencies cannot be changed so pilots must cooperate in selecting frequencies. Note! These frequencies do not affect the safety of the flight control motors, only the video portion, if video deteriorates, the Multi -Rotor is immediately landed (dropped).
6. Any aircraft being flown from the Multi-Rotor & Small Helicopter Field that goes down north of the track perimeter on the Main runway flight path will NOT be retrieved until all aircraft being flown from the Main Runway have landed and cleared.
7. Once the Main Runway is cleared, your intentions must be effectively communicated prior to retrieving the aircraft from an area north of the track perimeter.
8. After all pilots have been notified of a downed aircraft on the Main Runway flight path, all pilots will refrain from staging, occupying, or taking the Main Runway until such time as the downed aircraft has been retrieved and the flight path has been cleared of all personnel.
9. All new Quad and Helicopter pilots must demonstrate proficiency and be checked by a club instructor before solo Flying is permitted.
10. The purpose of this rule is to provide the additional use of the drone track for small, fixed wing aircraft. For this rule "Small Fixed Wing Aircraft" are those electric powered that weigh no greater than 250 grams? .55 pounds/ 9 ounces ready to fly with battery installed. Other definitions might include "Micro Flyers", "Indoor Flyers", "Backyard Flyers" but the intent is that they are very light weight, low performance aircraft.
 - A. The flight area includes the boundaries of the drone track with no overflight to the north, east or the tree line to the south. Momentary and short (~100 feet) excursions to the west (white fence) will not be considered a violation.
 - B. Drone/small rotary wing aircraft have primary usage of this area and fixed wing operations will yield to those flyers.
 - C. No fixed wing operations during the RC Car Club racing events. The days and times for club racing change and are the sole rights and responsibility of that club and it is the responsibility of the individual RC Flyer to discover and be aware of these days and times. Additional consideration should be given to casual race car operators present, good judgement and courtesy should prevail.

Revision added # 10 completed August 7, 2023, SS

Revision courtesy rule 1 completed March 6, 2023, SS

Previous revision completed in July 2022



Sidney Colen & Associates, Ltd.

RC Flyers & RC Car Club Community Amenities- Behind the Gates

Associations/Organizations/Clubs nationally

Charters

- **3 Special Events** each year **without guest fees**

Non-resident members

- **Private community** – club member must be **OTOW resident**
- **Non-resident participation with a club member must attend with a resident at all times and pay guest fee. Visits shall not exceed more than three in one month.**
- **Overnight guests would be permitted to attend with the member resident and fees would be waived.**
- **All other guest must be accompanied by the club member and a fee of \$2 per day would apply.**
- **All guests will be required to sign the guest log book & provide sponsor information**
- **Resident sponsors will be invoiced monthly for guest use fees by On Top of the World Recreation office.**
- **Invoices must be paid within 30 days to avoid amenity suspension**
- **Employees of On Top of the World must have written approval from the HR Department and can only fly with a member resident. Guest fees are waived for approved employees.**
- **General Rules of conduct apply to all members and guest and may be found at www.otowinfo.com**