



2016 Member's Handbook

Kona RC Flyers is an AMA chartered radio controlled model aircraft club. We are governed by the KRCF by-laws and the operating rules/guidelines of the AMA .

We exist to provide a friendly, supportive and safe environment for operating model aircraft.

Kona RC Flyers
2016 Member's Handbook
Rev f

President will be filled by the Vice President and he shall appoint a new Vice President. In the event the President and Vice President both vacate at the same time, the Board will appoint a new President. The new President will appoint a Vice President.

ARTICLE 4 - MEETINGS

Regular meetings of the membership shall be held quarterly.

ARTICLE 5 - DUES AND FEES

Section 1. The annual membership dues of the Club shall be determined by the members at the January Meeting.

ARTICLE 6 - AMENDMENTS

Amendments may be made to this Constitution and these By-Laws by majority vote of those members present at an official meeting, provided, however, that prior notice of proposed changes be given to the members (by email) one week preceding such a meeting.

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Code of Conduct

As members of the Kona RC Flyers (KRCF):

1. We represent ourselves and our club to the general public in a friendly and courteous manner.
2. We are considerate and respectful of all other club members.
3. We encourage creativity, and the sharing of ideas and solutions for the technical problems of our hobby.
4. We promote safety in all aspects of our hobby.
5. We participate in and conduct all club business ethically, with integrity and in accordance with our bylaws.
6. We approach the management of our club with enthusiasm and creativity consistent with the changing times.

We do not:

1. behave in an un-sportsman-like or discourteous manner.
2. use abusive or obscene language, or behave in a threatening or aggressive manner.
3. come to the field or any club function under the influence of alcohol or intoxicating drugs.

ARTICLE 2 - DUTIES

A. The President shall preside at all meetings of the Club and shall act as spokesman for the club in all matters pertaining to it.

B. The Vice President shall act for the President when he is unable to serve

C. The Secretary shall handle all correspondence pertaining to the Club business including the Club's publications (rosters, field rules, copies, etc.). He shall receive operating expenses at the president's discretion. The Secretary shall also keep the minutes and the attendance roll of all board meetings.

D. The Treasurer shall collect and keep a record of all moneys due, received and disbursed. He shall procure a checking account in the Club's name, using his own and an additional board member's signature.

E. The Safety Officer shall be responsible for monitoring proper field setup, oversight of pilots flight and pit activities, and will make him/herself available to all members regarding safety questions that may arise.

F. The Senior Flight Instructor shall be appointed by the President and shall direct and maintain a flight instruction program for new pilots of the club.

G. The Membership Chairman appointed by the President shall be responsible to keep up-to-date records of members.

ARTICLE 3 - VACANCIES

Vacancy in any office shall be filled by appointment of the President, such appointee to serve until the end of the term for which his predecessor was elected. Vacancy in the office of

Section 3. Any former member may be reinstated into the Club by payment of dues. No re-instatement fee shall apply.

Section 4. Termination of a membership requires a two-thirds majority vote of the Board members, then the majority vote of the membership at a regular meeting. Any paid-up dues will then be refunded.

By-laws

ARTICLE 1 - MANAGEMENT

Section 1. Officers - The Officers of the Club shall be elected at the January annual meeting by the members present. Nominations shall be made by the general membership. Voting shall be by a show of hands. The following constitute the officers of the Club.

- A. President - Must have been a member in good standing for at least one (1) year.
- B. Vice President
- C. Treasurer
- D. Secretary
- E. Safety Officer

Section 2. Board of Directors - The affairs of the Club shall be managed by the Board of Directors. They shall be the five (5) elected Members. They shall serve for a term of one (1) year commencing upon the date of the annual election. Special meetings may be called by the President or by any three (3) other members of the Board. Notice of special meetings shall be by email and shall be sent to all members not less than three (3) days prior to that meeting.

The Board of Directors shall meet at least once each year.

Safety

Safe pit operations and safe flying must be every member's first concern. No other issue has greater impact towards the public perception of our hobby, and our continued use of our flying field. Your cooperation and participation will help assure that we have a great place to fly for years to come.

If you have any questions/concerns about safe flight or pit operations, please bring them to the attention of our Safety Officer or any Board Member. If you see an unsafe act, kindly bring it to that member's attention. We are all responsible for safety, every day.

Club Activities

Flying

The KRCF flying field is available to club members every day of the year. Sunday is the most active day. Sunday morning is also the day the general public is invited to visit our flying field and learn more about KRCF.

Events

KRFC calendar events include BBQs, fun-fly, and community out-reach days. Events are posted on the KRCF web site (<http://www.konarcflyers.com/>) and distributed to the membership email list.

Meetings

Meetings of the general membership are held quarterly on the first Sunday of the that quarters month at the KRCF flying field (unless otherwise announced). These meetings generally consist of discussion concerning flying-field project plans, safety rules, planned events and club budget.

Meetings of the KRCF Executive Board are held at least quarterly at a time and place determined by the club President, or a quorum of Board Members.

KRCF Bylaws

Kona R/C Flyers

Constitution and By-laws

Constitution

ARTICLE 1- Name

The name of this club shall be the Kona R/C Flyers, hereinafter referred to as KRCF or the Club

ARTICLE 2- PURPOSE

Section 1. The objectives of this Club shall be to promote model building and flying in the Hawaii area and to aid (in so far as possible) the national program of the Academy of Model Aeronautics, hereinafter referred to as the AMA, and other AMA activities, looking toward the continual advancement of model aviation in all its phases in the United States.

Section 2. All special or local enterprises of the Club shall conform to the policies of the AMA and to the regulations of that organization governing model airplane contests.

ARTICLE 3 - MEMBERSHIP

Section 1. All persons shall be eligible for membership in the Club. Members must also be individual members of the AMA.

Section 2. Members in arrears of dues for two (2) consecutive months will be notified. of non-payment of dues and the member shall be dropped from the club.

Board Members for 2016

| | |
|----------------------|--------------------|
| President | Don Irwin |
| Vice President..... | Steve Rice |
| Secretary..... | Doug Lanterman |
| Treasurer | Terry Jacoby |
| Safety Officer | Glen Miller |
| Membership | Don Irwin |
| Chairman | (or his designate) |

Flying Field Rules

General

1. The flying field gate **MUST** be closed and locked upon entrance and exit, every time. The *only* exception is Sunday morning, when the gate is left open by the first member arriving, and is closed and locked by the last member leaving.
2. Fixed-wing aircraft takeoffs and landings are on the main East-West runway. All flight must be in the area North of the pilot flight line.
3. Helicopter and multi-rotor takeoff, landing and flight, is only allowed in the South West quadrant of the KRCF field .
4. Smoking is not allowed in the pit area or the main runway flight line. It is only allowed in the parking area, when it is downwind from the pit areas.
5. The use or consumption of alcoholic beverages or any other intoxicating substance is strictly prohibited at the flying field.

Pilot Requirements

1. Each club member operating an aircraft must have a current AMA and KRCF membership.
2. All pilots must comply with the current AMA Safety Code included with your current AMA membership. All AMA and KRCF rules must be followed at the flying field.
3. If a club member has not achieved “solo” flight status (i.e. having demonstrated the skill to pilot an aircraft safely by themselves), they must be accompanied a designated club flight instructor or “solo-ed” club member when they are flying.
4. Pilot guests of members must have and show proof of a valid AMA membership. The guest pilot is the responsibility of the KRCF member sponsoring them, and must remain present while the guest is on site. Any one guest may fly for up to two continuous weeks per year at no cost. After that time, a \$25 per month fee will be assessed to the club member for their guest.
5. Hawaii vacationing pilots must either join the club, or befriend a club member and become their guest.
6. If using an instructor/student dual flight transmitter setup (i.e. a buddy-box), the instructor/master pilot is responsible for the flight.
7. Non-AMA member “guests” may fly on a one-time basis (with a buddy-box) with an club member. Only club member aircraft or radio equipment may be used. (Per AMA insurance rules)

New Pilot/Member Orientation

Every new member of KRCF must have a club orientation conducted by the KRCF President, Membership Chairman, or one of their designates. The following items must be completed.

1. Prospective member fills out an application, and is directed to the Membership Chairman (MC)
2. MC reviews application, checks for valid AMA card and takes payment for membership/key.
3. MC (or designate) gives orientation as noted here. New members get a copy of this handbook for them to keep.
4. MC has a specific discussion of the gate closing and locking requirements for the KRCF field.
5. MC reviews of all of the Flying Field Rules in this handbook.
6. MC reviews the Field Usage Map in this handbook.
7. MC determines if the new member requires a checkout flight. If so, complete the flight and determine if the member is then approved for solo flight.
8. MC issues key and KRCF membership card.
9. MC gives payment and application to Treasurer. Treasurer records in club financial ledger.
10. Treasurer gives application to Secretary, who updates member roster and stores application.

Field Cautions, Policies and Reminders

1. If you need assistance, or a spotter for a flight, or help with a pre-flight ground check, please ask. We are a friendly bunch, willing to help fellow pilots.
2. Clean up your area when you are finished and pick up other trash you see. Remember to take your trash home with you. This is your field. Please help keep it clean.
3. There is no smoking on the flight line or in the pits. If you are smoking in an allowed area, do not throw your butts on the ground. Take them home with you.
4. Courtesy first. There are a limited number of aircraft setup stand available. Please remove your plane when not actively preparing for a flight, so others may use it.
5. Follow safe battery charging practices at all times. Do not charge batteries inside of vehicles. Charge batteries on fireproof surfaces or inside fireproof containers.

Aircraft Requirements

1. All aircraft must be labeled/identified per AMA, including member name and appropriate AMA number. This is in compliance with the requirements of the AMA Safety Code.
2. The AMA and KRCF believe in safe, legal operation of remotely piloted vehicles. UAS registration and labeling of flying craft is encouraged per FAA guidelines.
3. All aircraft must be verified by it's pilot for air worthiness prior to every flight.

Operations

Flight

1. A maximum of four fixed-wing aircraft may be in the air at any one time.
2. Flying over people is prohibited.
3. During flying, pilots must stand behind the flight-line fence.
4. It is strictly prohibited to fly any aircraft behind the flight-line.
5. Flying may continue during aircraft retrieval from the runway (or beyond), with the permission and acknowledgment of all other active pilots.
6. Pilots may be on the runway only for take-offs or retrieval of aircraft. To do so, they must clearly and audibly announce and receive acknowledgment of these actions from the other pilots before proceeding.
7. All take-off and hand launches shall be done from the runway or runoff areas only. No hand launches will be made between the flight line and the pit area.
8. Pilots must clearly announce (call-out) the following intentions to other pilots on the flight line: "Take off", "Landing", "On Runway", "Clear" (from runway) or "Off Runway", and "Dead stick" (when needing to perform an emergency un-powered landing). Other "call-outs" are welcomed and encouraged as needed.
9. No other type of RC devices (RC cars, for example) may be operated at the KRCF flying field.

FPV

1. There shall be **no FPV equipment (or other radio electronics) operating in the analog 2.4GHz band at the KRCF field. There are NO EXCEPTIONS.** This includes equipment that is FCC Part 15 approved. This restriction is to protect the 2.4GHz flight control spectrum from interference. It is suggested that the 5.8GHz band be used for FPV.
2. 2.4GHz WiFi or Lightbridge (digital signals) **are acceptable for FPV.**
3. There are no frequency/channel controls on the 5.8GHz band for FPV at KRCF. Pilots using it fly at their own risk and accept the burden of identifying other fliers who may be operating on the same channel/band for FPV or aircraft control.
4. Per AMA and FCC requirements, FPV/radio equipment operated at the KRCF field **must be FCC Part 15 approved.** The only exception is equipment operated by a club member who is amateur (HAM) licensed for its operation.

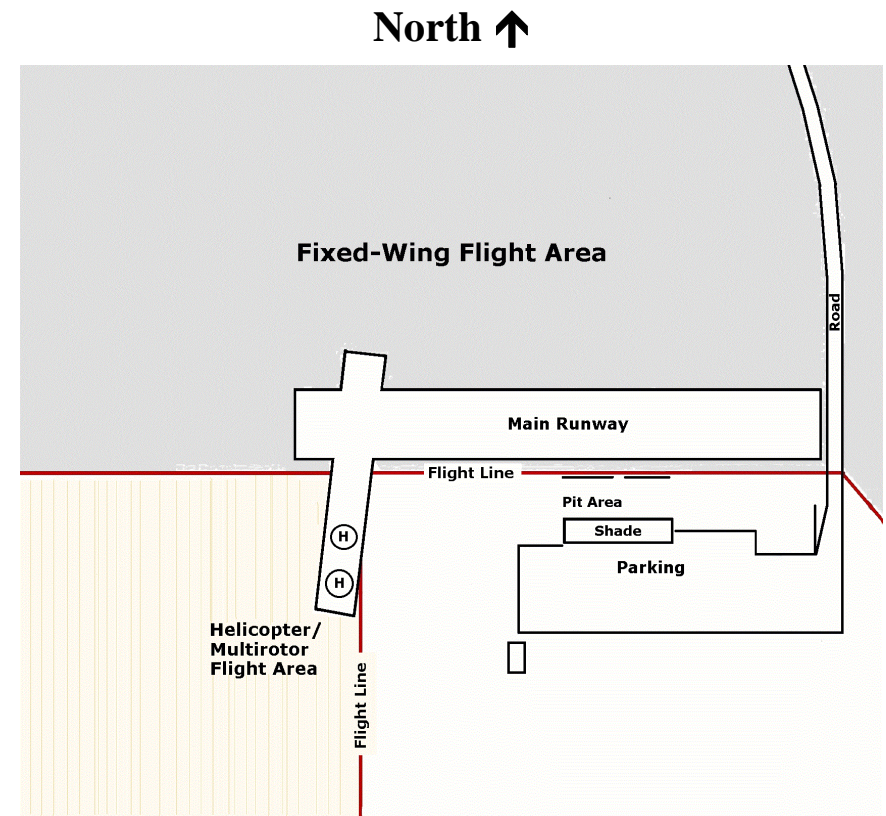
Frequency Control

If you have question or concerns about your radio equipment meeting these requirement, consult the club Safety Officer or another knowledgeable club member for guidance.

Aircraft Control

1. At the KRCF flying field.... It is assumed that all club members fly with modern 2.4Ghz band digital radio equipment which is FCC Part 15 approved. Because this technology allows for many pilots to fly at the same time without signal conflict, there are **no frequency controls** in place for aircraft transmitters at the KRCF field.
2. Members wishing to fly with older 72MHz band radio equipment may do so. However, they fly at their own risk and accept the burden of identifying other fliers who may be operating on the same channel. All 72 MHz transmitters and receivers used at the KRCF Field must be "Narrow Band" in compliance with the 1991 FCC Regulations.
3. Some multirotor aircraft use the 5.8GHz band for aircraft control. This is acceptable for use at the KRCF field. However, these systems may have signal conflicts if 5.8GHz FPV systems are running at the same time. KRCF has no frequency controls in place for the 5.8GHz band. Pilots using it for aircraft control fly at their own risk and accept the burden of identifying other fliers who may be operating on the same channel/band.

Field Usage Map



The KRCF field is located approximately 1500 ft south, through the locked gate in the Hawaii Big Game Fishing Club (Billfisher) building parking lot, at the Honokohau Harbor, in Kailua-Kona, Hawaii.

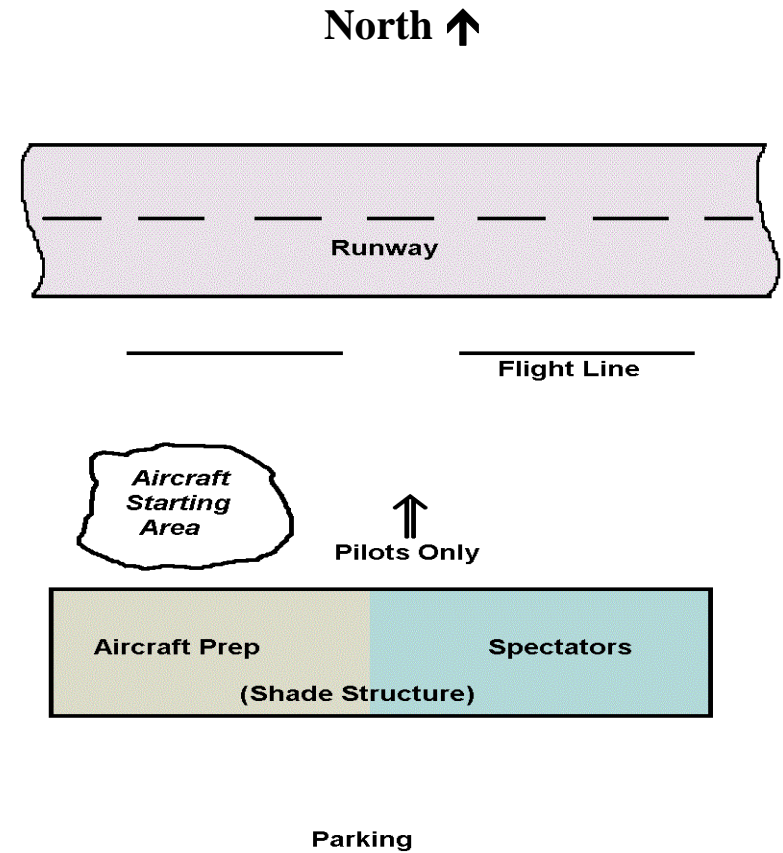
(19.66315,-156.02288)

(19°39'47.3"N 156°01'22.4"W)

Pits Area

1. No props shall be spinning unless forward (North) of the shade structure. This applies to both electric and liquid fuel aircraft.
2. All pilots flying aircraft with liquid-fueled engines shall identify the nearest location of a functioning fire extinguisher before starting and operations.
3. Spectators are not allowed forward (North) of the shade structure. Children of guests and members must be under their constant supervision.
4. The area forward (North) of the shade structure is restricted to active pilots, and those who are accompanying them for the purpose of assistance or instruction.
5. When facing North... The right side of the shade structure is set aside for socializing members and guests. The left side is for pilot preparation.
6. Liquid fueled planes must be started in the KRCF plane stands, which must be located forward of the left side of the shade structure.
7. Liquid fueled planes must be managed by two individuals; the pilot and a “plane wrangler”, who will carry the airplane to the flight line.
8. Never leave a running engine and airplane unattended.
9. Pets are not allowed in the Pit/Shade area. If you must bring your pet with you, keep them in your vehicle. Clean up after your pet, and take the cleanup home with you.

Pits Area Usage



Proper use of the pits area is critical to maintaining safe operations at the KRCF flying field. If you have questions where certain activity should be taking place at the field, see our Safety Officer or any Board Member.