

Blue Max R/C Flying Club

Safety Requirements

PREAMBLE: In an effort to provide a safe environment in which the members of the **Blue Max R/C Flying Club** may participate in radio controlled model aircraft flying and to further provide for the safety of visitors and our neighbors, we acknowledge the following:

SECTION I: Courtesies

The following courtesies, while not rules do allow some flexibility, are none the less expected of all club members during field operations:

- 1) Possession of any frequency shall be limited to 15 minutes at the field unless:
 - a) There are no other flyers on that frequency at the field.
 - b) All other flyers on that frequency have given permission for the extended use of the frequency.
- 2) Use of any individual frequency shall rotate among the flyers present at the field at any given time. Excepting individual agreements between the flyers.
- 3) Use of the flight stations shall rotate among the flyers present at the field at any given time.
- 4) To the best extent possible, do not aim your prop wash at other modeler's or their aircraft. For the same reason, do not place your airplane directly behind other modeler's aircraft.
- 5) All take-off and landing attempts should be announced to other flyers.
- 6) If a model must be carried out onto the runway for take-off, this intention shall be announced to give the other flyers time to clear the take-off area.
- 7) Anything you bring to the flying field should be removed when you depart.
- 8) Members should display club identification.
- 9) Do not hold the plane vertically and run the engine up in the pit area.

SECTION II: Ground Rules

- 1) You must have an AMA membership card in your possession to fly at Deer Grove.
- 2) Cars should not be left next to the pit area. It is for loading and unloading only.
- 3) Flight boxes and models being prepared for flight shall be restricted to the pit area.
- 4) Upon arrival at the field, all transmitters shall be placed in the impound area with the antenna collapsed. Verify the transmitter is turned off.
- 5) No transmitter shall be removed from the impound area until correct frequency is displayed on the channel chart atop the impound board.
- 6) All transmitter antennas must display the frequency number of the transmitter.
(It is also a good idea to have your name and phone number listed on the transmitter.)
- 7) When engines are started and run up, keep bystanders behind the propeller arc.
- 8) Extended running of engines in the pits is not allowed. Move off to the far side of the pits.
- 9) Spectators are welcome but must remain in the designated areas.

SECTION III: Model Requirements

- 1) All models must comply with the AMA safety requirements, (rounded spinners or prop nuts, no metal props, no knife edge wings, etc.).
- 2) All new models or models repaired after major damage, shall be inspected for structural integrity by a competent club member or instructor.
- 3) All radios newly installed in a model or having been in a model during a crash, shall be range-checked before flight.
- 4) All internal combustion engines shall be equipped with a muffler.
- 5) No nylon propellers (unless reinforced by glass fibers) are permitted on engines over .35 cubic inch displacement.

SECTION IV: Flight rules

- 1) Taxiing a model through the pits or to and from the flight line is prohibited.
- 2) Take-off and landings should be made on the runway only into the wind.
- 3) Hand launching is permitted only from the designated area. Positively NO hand launching from the pits or safety zone.
- 4) Pilots must stand only at a flight station. Only pilots, instructors and spotters are permitted to stand in the pilots area.
- 5) No person(s) shall stand at the edge of the runway.
- 6) A landing aircraft has the right of way over an aircraft taking off.
- 7) A "dead stick" aircraft has the right of way over all others.
- 8) When an engine quits in flight, call out "dead stick" loudly several times to warn others of the impending landing.
- 9) In any case of model malfunction in the air (radio or mechanical) promptly announce the problem to the other flyers in a loud voice.
- 10) After landing, taxi the aircraft to either side of the flights stations. Do not taxi directly into the flight stations.
- 11) Any person wishing to retrieve a model from the runway shall previously announce this intention to the other flyers. Announce in a loud voice "on the field."
- 12) Engine restarts may be made on the flying field subject to:
 - a) There is no interference with other pilots.
 - b) The field will be cleared immediately for landing aircraft.
- 13) There shall be no flying over the pits, spectator area, parking lot or any area where people are permitted to congregate.
- 14) Flying must be kept within the east-west boundary arrows and must be no closer than the runway centerline.
- 15) Low flying passes are not permitted closer than the center line of the runway.
- 16) No models shall be flown above 400 feet.
- 17) No more than four models are permitted in the air at one time.
- 18) **There shall be no flying or running of engines outside of the hours listed:**
Sunday - Saturday: 9:00 AM - 6:00 PM
- 19) There shall be no flying during runway mowing.
- 20) Flyers shall not consume alcoholic beverages or drugs prior to piloting an aircraft.

SECTION V: Other Rules

- 1) Pets shall be confined to the spectator area and shall be leashed or restrained at all times.
 - 2) No person shall attempt to fly a model without being accompanied by an instructor unless they have reached the soloist flight proficiency level or being tested for this proficiency level.
 - 3) Gasoline fueled models shall be confined to the No Smoking area while in the pits.
 - 4) No member shall attempt to start an engine or fly a model while alone at the flying field until they have attained the Intermediate flying proficiency level. **It is also suggested for all members to consider complying with this rule to enhance the safety of our sport. FLYING ALONE CAN BE FATAL.**
 - 5) All landings should be on the East-West runway.
 - 6) No landings should ever be made towards the pits.
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Safe Flying Recommendations

Ground Courtesy

- Impound your transmitter as soon as you arrive at the field. Make sure it is turned off.
 - Use a frequency flag with the channel well displayed and your name on the flag.
 - Take down the flag as soon as practically possible so others can use the frequency. Verify the radio is off before impounding it.
 - Never turn on a transmitter if someone's channel flag is up on that same frequency.
 - Put your name and phone number on your transmitter.
 - Position your plane so prop wash does not throw debris on other planes or equipment.
 - Do not break-in or do extended running of your engine in the pits. Go off to the far end of the pit area.
 - Pick up debris.
 - Move your car after unloading.
 - If you see debris on the field or in the pits, pick it up.
 - Do not walk over other peoples planes or equipment.
 - Watch others when carrying planes with running engines.
 - Do not pour excess fuel on the ground.
 - Use a "catch can" to catch excess fuel when fueling a plane.
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Equipment and Personal Safety

- Be sure planes are mechanically sound, bench trimmed, props balanced and batteries charged.
 - Range check planes.
 - Sand flashing and knife edges from plastic props.
 - Be careful when removing glow driver from plug.
 - Have a buddy hold the plane when starting or adjusting the carburetor.
 - Double nut all four-stroke engines.
 - When insects swarm, use repellent.
 - Wear sunglasses, UV damages cornea.
 - Carry a small first aid kit.
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Flying

- 1) Fly with a buddy.
 - a) To spot.
 - b) To assure the field is clear for take-off and landing.
 - c) To assure others on the flight line hear announcements.
 - d) To assist if your plane goes down.
 - e) To assist in starting.
- 2) Follow the flight pattern to avoid mid-air collisions.
- 3) "Dead stick" planes have the right of way.
- 4) Do not take-off or land with anyone on the field.
- 5) Fly within the arrow boundaries and not over any restricted areas.
- 6) Never fly over or in the direction of the pits.
- 7) Watch for traffic on the path when taking-off or landing.
- 8) Fly as quietly as possible.