



AMA Chapter 534,
Medford, Oregon

THE ROGUE Eagle



May 2002

Safety At Agate Skyways

With the weather improving, more and more flyers are using the Rogue Eagles flying site, Agate Skyways. You all know, of course, that you have to be a current AMA member as well as a current member of Rogue Eagles to fly your models at Agate Skyways. With more people using the field, it becomes important to review the safety rules that apply to our hobby. The Board has suggested the safety rules be listed in the newsletter. There are both AMA rules as well as local rules that apply to Agate Skyways. Our flying site is leased from Jackson County and that entity requires that the club has rules that must be followed as specified in the lease agreement. This newsletter will have the current AMA safety rules. Next month, the local rules will be included. Please read these rules! I know this might be a boring chore, but read 'em anyway. Most of us have violated at least one of these safety rules. *Editor.*

AMA Safety Code www.modelaircraft.org

Effective January 1, 2002

Revised - 2002 OFFICIAL AMA NATIONAL MODEL AIRCRAFT SAFETY CODE

Model Flying MUST be in accordance with this Code in order for AMA Liability Protection to apply.

(Changes are identified in bold.)

GENERAL

- 1) I will not fly my model aircraft in sanctioned events, air shows, or model flying demonstrations until it has been proven to be airworthy by having been previously, successfully flight tested.
- 2) I will not fly my model higher than approximately 400 feet within 3 miles of an airport without notifying the airport operator. I will give right-of-way and avoid flying in the proximity of full-scale aircraft. Where necessary, an observer shall be utilized to supervise flying to avoid having models fly in the proximity of full-scale aircraft.
- 3) Where established, I will abide by the safety rules for the flying site I use, and I will not willfully and deliberately fly my models in a careless, reckless and/or dangerous manner.
- 4) At all flying sites a straight or curved line(s) must be established in front of which all flying takes place with the other side for spectators. Only personnel involved with flying the aircraft are allowed in front of the flight line. Flying over the spectator side of the line is prohibited, unless beyond the control of the pilot(s). In any case, the maximum permissible takeoff weight of the models with fuel is 55 pounds.
- 5) At air shows or model flying demonstrations a single straight line must be established, one side of which is for flying, with the other side for spectators. Only those persons accredited by the contest director or other appropriate official as necessary for flight operations or as having duties or functions relating to the conduct of the show or demonstration are to be permitted on the flying side of the line. The only exceptions which may be permitted to the single straight line requirements, under special circumstances involving consideration of site conditions and model size, weight, speed, and power, must be jointly approved by the AMA President and the Executive Director.

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- 6) Under all circumstances, if my model weighs over 20 pounds, I will fly it in accordance with paragraph 5 of this section of the AMA Safety Code.
- 7) I will not fly my model unless it is identified with my name and address or AMA number, on or in the model. Note: This does not apply to models while being flown indoors.
- 8) I will not operate models with metal-bladed propellers or with gaseous boosts, in which gases other than air enter their internal combustion engine(s); nor will I operate models with extremely hazardous fuels such as those containing tetranitromethane or hydrazine.
- 9) I will not operate models with pyrotechnics (any device that explodes, burns, or propels a projectile of any kind) including, but not limited to, rockets, explosive bombs dropped from models, smoke bombs, all explosive gases (such as hydrogen filled balloons), ground mounted devices launching a projectile. The only exceptions permitted are rockets flown in accordance with the National Model Rocketry Safety Code or those permanently attached (as per JATO use); also those items authorized for Air Show Team use as defined by AST Advisory Committee (document available from AMA HQ). In any case, models using rocket motors as a primary means of propulsion are limited to a maximum weight of 3.3 pounds and a G series motor. Note: A model aircraft is defined as an aircraft with or without engine, not able to carry a human being.
- 10) I will not consume alcoholic beverages prior to, nor during, participation in any model operations.

RADIO CONTROL

- 1) I will have completed a successful radio equipment ground range check before the first flight of a new or repaired model.
 - 2) I will not fly my model aircraft in the presence of spectators until I become a qualified flier, unless assisted by an experienced helper.
 - 3) I will perform my initial turn after takeoff away from the pit or spectator areas, and I will not thereafter fly over pit or spectator areas, unless beyond my control.
 - 4) I will operate my model using only radio control frequencies currently allowed by the Federal Communications Commission. (Only properly licensed Amateurs are authorized to operate equipment on Amateur Band frequencies.)
 - 5) Separation of less than three miles between flying sites is only acceptable if testing has been accomplished to determine that no interference potential exists or a frequency sharing arrangement between the clubs and/or individuals involved is developed. Written confirmation of either of these two alternatives, signed by a club officer of both clubs, or individual AMA members from both clubs shall be provided to AMA Headquarters.
 - 6) For Combat, distance between flight line and spectator line will be 500 feet per cubic inch of engine displacement. (Example: .40 engine = 200 feet.)
- Organized RC Racing Event
- 7) An RC racing event, whether or not an AMA Rule Book event, is one in which model aircraft compete in flight over a prescribed course with the objective of finishing the course faster to determine the winner.

A. In every organized racing event in which contestants, callers and officials are on the course:

1. All officials, callers and contestants must properly wear helmets which are OSHA, DOT, ANSI, SNELL or NOCSAE approved or comparable standard while on the race course.
 2. All officials will be off the course except for the starter and their assistant.
 3. "On the course" is defined to mean any area beyond the pilot/staging area where actual flying takes place.
- B. I will not fly my model aircraft in any organized racing event which does not comply with paragraph A above or which allows models over 20 pounds unless that competition event is AMA sanctioned.
- C. Distance from the pylon to the nearest spectator (line) will be in accordance with the current Competition Regulations under the RC Pylon Racing section for the specific event pending two or three pylon course layout.
- 8) R/C Night Flying is limited to low performance models (less than 100 m.p.h.). The models must be equipped with a lighting system that clearly defines the aircrafts attitude at all times.

FREE FLIGHT

- 1) I will not launch my model aircraft unless at least 100 feet downwind of spectators and automobile parking.
- 2) I will not fly my model unless the launch area is clear of all persons except my mechanic and officials.

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3) I will employ the use of an adequate device in flight to extinguish any fuses on the model after it has completed its function.

CONTROL LINE

1) I will subject my complete control system (including safety thong, where applicable) to an inspection and pull test prior to flying. Pull test will be in accordance with the current Competition Regulations for applicable model category. Models not fitting a specific category as detailed, shall use those pull test requirements for Control Line Precision Aerobatics.

2) I will assure that my flying area is safely clear of all utility wires or poles.

3) I will assure that my flying area is safely clear of all non-essential participants and spectators before permitting my engine to be started. 4) I will not fly a model closer than 50 feet to any electrical power line.

GAS TURBINE

1) I will not operate any turbo jet engine (axial or centrifugal flow) unless I have obtained a special waiver for such specific operations.

2) I will fly my model in compliance with all requirements specified in AMA Safety Regulations for Model Aircraft Gas Turbines, Document Number 513*, at all times.

2002 Club Officers And Coordinators

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Video Librarian:

Clark Wolf 773-4270

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GIANT SCALE RACING

1) I will fly my model in compliance with all requirements specified in AMA Required Safety Standards for Giant Scale Racing, Document Number 535*, at all times.

Separate Code(s) available from AMA Headquarters for boats, cars, and rockets.

ACADEMY OF MODEL AERONAUTICS, 5161 EAST MEMORIAL DRIVE, MUNCIE, INDIANA 47302-9252

* Document Numbers refer to the AMA Web site Document Number

The propeller is just a big fan in the front of the airplane to keep the pilot cool. Want proof? Make it stop, then watch the pilot break into a sweat.

2002 Events Schedule

Puallup Trade Show
February 2nd & 3rd

Wet and Windy Fly-Fun
March 24th

Grants Pass Swap Meet
April 20th

Spring Fun-Fly Contest
April 27th

Float Fly at Lake Selmac
May 4th and 5th

OMPRA Spring Pylon Race
May 11th

Builders Contest
May 18th CANCELLED

Ashland EAA Demonstration
May 19th

Lee Renaud Memorial Contest,
June 1st

Plat-I Float Fly
June 15th and 16th

Military Fly-In Contest
June 22nd

Bid Bird Fly-In
July 6th and 7th

Selmac Float Fly
July 20th and 21st

Kids Day at Hawthorne Park
August 3rd

Airshow Interest Day at
Wal-Mart, Medford
August 31st

Airshow Media Day
September 5th

Rogue-Eagles 2002 Airshow
September 7th and 8th

OMPRA North-South Shootout
Pylon Race
August 24th and 25th

Fall Fun-Fly
October 12th

OMPRA Championship Pylon
Race
September 21st

Rogue Eagles R/C Club,
P.O. Box 8332
Medford, OR 97504

Stamp

To:

NEXT MEETING is Tuesday May 14th at the Lions Sight and Hearing Center, 228 N Holly, Medford, OR. Membership renewals will continue; bring your \$25 membership fee and 2002 AMA card. Also bring your show and tell projects.

Notice - Folks, if you renew your membership by mail, we've got to have some proof that your AMA membership is current. Please send a copy of your 2002 AMA card along with your \$25 renewal fee. Of course, we'd like you to attend the monthly meetings and update your membership at the same time.

Editor



Cliff Sands with his electric racer. This plane has been clocked at 107 mph. The electric motor swings a 4.7x4.7 prop about 28,000 RPM. WOW!
