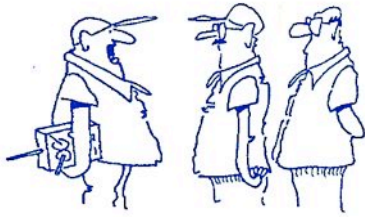


# Just PLANE Talk



Official newsletter of the  
**Mid-State Aeroguidance Club**

307 W. 5th St.  
Marshfield, WI 54449  
AMA chartered club #1098  
Since 1973



June 2017

## A few words from the editor

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**Jack Walden 715-715-384-5658**

Visit The Club Web Site At:

<http://www.msaero.com>



Hey, when is it going to quit raining and then dry out? The poor people who are on the mowing list must be having difficult time keeping ahead of the grass. I haven't been to the Monday club fly night, but I understand it hasn't been to well attended but then the weather may have had something to do with that.

My son Scott is home from Orlando with his friend Mai, who was originally from Vietnam. On a recent trip to her homeland to visit her grandmother, she brought me two airplanes made out of coke cans. One was a coke can as we know them, and one was a commemorative can for some holiday in Vietnam. She also had the craftsman make a box to carry them in. The pictures don't do

justice to the work done on these planes, they are amazing. I wonder what he could do with a little balsa and Hot Stuff?

In the May issue of Model Aviation (page 70) is an article on radio equipment of the early years. You may find it interesting in that it is similar to the information **Jim Rasmussen** presented at his previous "show and tell". I didn't realize that there was a **Vintage Radio Control Society** for those that enjoy building and flying the old R/C designs. Maybe I should look into that since they seem to fly in a more "relaxed" mode which an old guy could keep up with.

[vintagercsociety.org](http://vintagercsociety.org)

Don't forget that our next meeting is at 6:30 on Monday June 5th at our field. The sun is up until 9PM so bring something to fly.

*Jack*

# Vietnamese Street Vendor and Pop Can Airplanes He Made



**Mai**

# *Since it's the beginning of the flying season, it's good time to review the AMA's safety Code.*

## **Academy of Model Aeronautics National Model Aircraft Safety Code**

**Effective January 1, 2014**

A. **GENERAL:** A model aircraft is a non-human-carrying aircraft capable of sustained flight in the atmosphere. It may not exceed limitations of this code and is intended exclusively for sport, recreation, education and/or competition. All model flights must be conducted in accordance with this safety code and any additional rules specific to the flying site.

1. Model aircraft will not be flown:

- (a) In a careless or reckless manner.
- (b) At a location where model aircraft activities are prohibited.

2. Model aircraft pilots will:

- (a) Yield the right of way to all human-carrying aircraft.

- . (b) See and avoid all aircraft and a spotter must be used when appropriate. (AMA Document #540-D.)

- . (c) Not fly higher than approximately 400 feet above ground level within three (3) miles of an airport without notifying the airport operator.

- . (d) Not interfere with operations and traffic patterns at any airport, heliport or seaplane base except where there is a mixed use agreement.

- . (e) Not exceed a takeoff weight, including fuel, of 55 pounds unless in compliance with the AMA Large Model Airplane program. (AMA Document 520-A.)

- . (f) Ensure the aircraft is identified with the name and address or AMA number of the owner on the inside or affixed to the outside of the model aircraft. (This does not apply to model aircraft flown indoors.)

- . (g) Not operate aircraft with metal-blade propellers or with gaseous boosts except for helicopters operated under the provisions of AMA Document #555.

- . (h)

Not operate model aircraft while under the influence of alcohol or while using any drug that could adversely affect the pilot's ability to safely control the model.

- . (i) Not operate model aircraft carrying pyrotechnic devices that explode or burn, or any device which propels a projectile or drops any object that creates a hazard to persons or property.

Exceptions:

- Free Flight fuses or devices that burn producing smoke and are securely attached to the model aircraft during flight.

- Rocket motors (using solid propellant) up to a G-series size may be used provided they remain attached to the model during flight.

Model rockets may

be flown in accordance with the National Model Rocketry Safety Code but may not be launched from model aircraft.

- Officially designated AMA Air Show Teams (AST) are authorized to use devices and practices as defined within the Team AMA Program Document.

(AMA Document #718.)

- . (j) Not operate a turbine-powered aircraft, unless in compliance with the AMA turbine regulations. (AMA Document #510-A.)

3. Model aircraft will not be flown in AMA sanctioned events, air shows or model demonstrations unless:
  - (a) The aircraft, control system and pilot's skill has successfully demonstrated all maneuvers intended or anticipated prior to the specific event.
  - (b) An inexperienced pilot assisted by an experienced pilot.
4. When and where required by rule, helmets must be properly worn and fastened. They must be OSHA, DOT, ANSI, SNELL or NOCSAE approved or comply with comparable standards.

## B. RADIO CONTROL (RC)

1. All pilots shall avoid flying directly over unprotected people, vessels, vehicles or structures and shall avoid endangerment of life and property of others.
2. A successful radio equipment ground-range check in accordance with manufacturer's recommendations will be completed before the first flight of a new or repaired model aircraft.
3. At all flying sites a safety line(s) must be established in front of which all flying takes place. (AMA Document #706.)
4.
  - (a) Only personnel associated with flying the model aircraft are allowed at or in front of the safety line.
  - (b) At air shows or demonstrations, a straight safety line must be established.
  - (c) An area away from the safety line must be maintained for spectators.
  - (d) Intentional flying behind the safety line is prohibited.
4. RC model aircraft must use the radio-control frequencies currently allowed by the Federal Communications Commission (FCC). Only individuals properly licensed by the FCC are authorized to operate equipment on Amateur Band frequencies.
5. RC model aircraft will not knowingly operate within three (3) miles of any pre-existing flying site without a frequency-management agreement. (AMA Documents #922 and #923.)
6. With the exception of events flown under official AMA Competition Regulations, excluding takeoff and landing, no powered model may be flown outdoors closer than 25 feet to any individual, except for the pilot and the pilot's helper(s) located at the flightline.
7. Under no circumstances may a pilot or other person touch an outdoor model aircraft in flight while it is still under power, except to divert it from striking an individual.
8. RC night flying requires a lighting system providing the pilot with a clear view of the model's attitude and orientation at all times. Hand-held illumination systems are inadequate for night flying operations.
9. The pilot of an RC model aircraft shall:
  - (a) Maintain control during the entire flight, maintaining visual contact without enhancement other than by corrective lenses prescribed for the pilot.
  - (b) Fly using the assistance of a camera or First-Person View (FPV) only in accordance with the procedures outlined in AMA Document #550.
  - (c) Fly using the assistance of autopilot or stabilization system only in accordance with the procedures outlined in AMA Document #560.

## FLYING SITE SAFETY RULES (AMA Suggestions)

1. Deliberate flying behind the safety line is prohibited.
2. Each transmitter must display frequency identification.
3. Taxiing is **not** allowed in the pit area.
4. It is strongly recommended that members do not fly alone.
5. Children should **not** be permitted beyond the spectator area unless under the **direct** supervision of an adult or under flight instruction.
6. The established club frequency control plan will be in force at all times.
7. Control line equipment shall be inspected before the initial flight each day.
8. Helicopter flights are allowed in designated areas only.
9. Sailplane high start lines are to run parallel to active runway.
10. Direction of flight is determined by the wind direction, etc.
11. Flight operations will stop during electrical storms.
12. Models will fly only in predesignated areas ,and will yield right-of-way to full-size aircraft.

*If you google the "AMA" web site it has many interesting documents to read on a rainy afternoon. They include things about AMA, membership, safety and member benefits, turbines, and giant scale. Plus many other topics. I was not aware of the wealth of information contained on this site and would highly recommend for your spare time reading. I also thought it would be boring until I started reading it.*

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 Mid State Aeroguidance Club  
 AMA CHARTER #1098

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M 538 Cayman St  
 Marshfield, WI. 54449  
 Jack Walden, Editor

**CLUB MEETING:**  
**Monday, June 5, 2017 at 6:30**  
**PM**  
**AT THE Flying Field**

Address correction requested