



AMOS January 2016 Newsletter

AMOS Board Meeting 1-4-15

Guests Present: Fred Light, Doug Keller and Debbie Haston

NEW BUSINESS:

Training Handouts - Safety/Training Officer Marvin Bennett reported that he has begun research for a series of handouts to be given to student-pilots dealing with such subjects as safety, club rules, and basic information on RC flying. He will discuss the subject with our training pilots and continue to research available resources. He expects this project to take several months and he will report back to the Board.

Several comments and suggestions were made including the following:

John Sorenson: Safety posters are already on site.

Randy Sizemore: A video explaining our training program could be put on the web site.

John Sorenson: Keep it simple. Concentrate on what the training program can do for the new pilot, not what the new pilot has to do. We have a successful training program. Any changes should be slow and gradual.

Topics to include: How to inspect plane, how to trim plane, get to know transmitter.

Randy Sizemore: Have both beginning and advanced training for those who want it. Also Marvin will work up an inventory of the club's planes.

Memorial Plaques- President Mike Haston suggested having plaques at the field to commemorate everyone who was a founding members of the club and continued to be a member until death.

Apparently, only Jerry Dodge and Art Holder are included in this category. After discussion, it was concluded that many other members had made significant contributions to the development of the club and that it would be somewhat arbitrary to honor only these two members. A discussion then followed about whether to hand out letters of appreciation to members providing significant services to the club, which was also rejected.

However, since Jesse had specifically requested written acknowledgement of the services he had provided, it was concluded he could have this.

FAA Registration - Concluded it is premature to take action on FAA registration and to wait for further guidance from AMA.

Christmas Party 2016 - The President suggested that since attendance at the 2015 Christmas dinner was unacceptably low the club could instead combine a party with its December 2016 general meeting.

After discussion this suggestion was rejected. Concluded to leave open the possibility of a 2016 Christmas dinner provided someone volunteers to organize it (at lower cost) and subject to discussion at the general meeting.

AMOS Club Flag - The club has two flag poles available. The taller one will fly the 6' X 4' US flag which the club now has. The shorter one could carry a club flag.

The president said he knows someone who could make the flag and will find out what it would cost.

Event Changes : Helicopter event moved to Saturday May 7 to avoid a conflict with another event. President's fun fly set for Saturday August 27. All other events remain as previously set.

BOARD REPORTS:

Treasurer - Gloria Irey: Financial Statements were sent to all Board Members. 2015 Revenues were higher than expected and expenses were lower. Membership renewal for 2016 are down by about 10 so far. Proposed to pay off one outstanding loan of \$6,000 plus interest, leaving the club with only one other outstanding loan of \$20,000.

On motion duly made, seconded and passed unanimously it was resolved to pay off the \$6,000 loan plus interest. Also, on motion made, seconded and passed unanimously it was resolved that the lender of the \$20,000 loan can elect to receive interest due at this time, capitalize the interest due, or receive in part and capitalize in part.

Membership - Jim Irey: Club had 233 members as of 12/31/2015 of which, unfortunately, four were deceased. 130 renewals for 2016 have been received. Renewals are coming in at the rate of about three per day.

Newsletter - Basil Yousif: Newsletter will be going out in a few days. John Sorenson to send Basil the group picture from the Freeze and Fly for inclusion.

Field Marshal - Glen Gibson: Problem with one smoker, identity unknown, leaving cigarette butts at south end of parking lot.

Miscellaneous: Jim Irey getting price quote on three more shade covers. Fred Light not doing Lottery any more.

AMOS General Meeting on 1-12-15

Unfinished Business:

Cigarette butts continue to be a problem. Some members suggest a complete smoking ban. President Mike Haston is opposed to a complete ban as long as smokers are in designated area and use the butt cans. However, if the problem persists, he will call for a vote on a complete ban. In the meantime, all members are encouraged to correct any smokers who smoke in the wrong area or throw butts on the ground.

New Business:

FAA Registration:

1. John Sorenson reported that he attended AMA and FAA meetings at AMA Expo in Ontario. He has the impression that FAA has not been faithful to agreements it has made with AMA. However, the act of Congress that would ban FAA from issuing new regulations concerning model aircraft will expire in a year, so legal arguments that FAA must maintain "hands off" will probably no longer be available. Bottom line, we will probably all wind up having to register. Regarding 400 foot altitude limit, it appears FAA has no real problem with modelers going over 400 feet, but wants them to try to comply. AMA says its insurance is not affected by registration or lack of registration. AMA's position is that it is up to the FAA to enforce its regulations.

2. Jim Irey stated that he is not currently asking members to provide their FAA numbers to him. He thinks the AMA will come up with a policy regarding FAA registration, and the club should not take a position until then.

Event Change- President's Fun Fly Date moved to September 10, 2016.

2016 Budget - Fred light reported that the Budget Committee has proposed a 2016 budget, a copy of which is attached to these minutes. On motion duly made and seconded the proposed 2016 budget was approved by the members present. Christmas Party 2016.

President Mike Haston stated that the Christmas party has not been well attended and does not make money. He asked for suggestions from the members. There were suggestions that the party does not generate enough interest and costs the club money and should be dropped. Other suggestions were to leave the matter open and see if any interest develops. A motion to drop the party was made and withdrawn. A motion to table the matter for now was made, seconded and passed.

Snowball Raffle - Volunteer Fred Light announced that he has retired from conducting the snowball raffle. Discussion followed as to whether to continue to have it. It was concluded to table the question and ask for a volunteer. At the next meeting. Motion to table made, seconded and passed.

Shade Covers - Three new shade covers are required. Jim Irey reported that the place that made our existing covers went out of business, and that he has found an alternate source, but at a higher price. The existing covers cost the club \$350 each.

The new source would charge \$550 apiece for the same color or \$400 apiece for a darker blue. Jim proposed opting for the darker blue. Hilton Sorkazian stated that he has contacts with people in the shading business and would like to approach them to see if they are willing to donate covers. Motion was made, seconded and passed to table the question for a month and see if Hilton can get us a better deal.

Board Reports :

Vice President: Randy Sizemore thanked the members and said he was honored to be voted modeler of the year.

Treasurer : Gloria Irey stated that the Board had decided to pay off the club's outstanding \$6,000 loan including interest. This leaves the club with one loan still outstanding for \$20,000 plus interest of which \$600 has been paid and \$400 has been added to principal, so current debt is \$20,400. The Treasurer's report was attached to the meeting minutes sent out and is called: Cash flow projection 2016

Membership : Jim Irey stated that the club had 233 members as of 12/31/2015 but he has received only 142 renewals so far. (The renewal deadline is January 31.) He expects to receive about 75 additional renewals.

Field Marshal : Glen Gibson stated patches had been put on the field. The garbage is gone. Other items discussed: (1) The ties that hold down the shade covers keep breaking. Jim Irey has ordered 250 lb. ties to replace the current 150 lb. ones. We will see if these solve the problem. Other ways of attaching the covers were discussed. (2) Zip ties on the safety fence are breaking. Help is needed to replace them.

Safety/Training Marvin Bennett - Last Friday there were about thirty fliers present at the field all were complying with the rules, and things were going well. At other times, the only violations observed were stop line violations.

Contest Coordinator Hilton Sorkazian stated that the drone club at Sacramento State no longer exists and that any suggestion about them using our field should be disregarded.

Past President John Sorenson visited Lake Havasu flying field and found it uses a new runway material that costs about 1/10 of asphalt. The material is mixed as a liquid, poured on the runway, allowed to harden, and then rolled. He will find out more about it. It is something to look at five years from now.

FAA Unmanned Aircraft Registration

To fly our Model Airplanes we now have to Register with the FAA. Registration is easy. It took me a few minutes. You might have to wait a few minutes more for there servers to send you a return verification E-mail.

The link for the registration is:

www.faa.gov/uas/registration

When you are on this page click the:

"Register Now" Button

Create a Log-In account with your E-mail and a password

Then they will send you a verification E-mail with a link to continue registration:

Thank you for creating an account with the
FAA Small Unmanned Aircraft System (SUAS) Registration Site.
Click the link below to activate your account.

<https://registermyuas.faa.gov/verify?sptoken=2ovbJvsx0VyUJJB0qp>

Once you verify, you will be able to login.

Log-In and put your personal information - name address etc. into the fields.

You have to click I agree for a set of rules like I will not fly over 400 feet etc.

They ask you for credit card information to pay them the \$5 registration fee.

After that they will issue you your FAA number and you can print out a official Looking card to add to the back of your AMA insurance card.



**Federal Aviation
Administration**

Small UAS Certificate of Registration

CERTIFICATE HOLDER: Basil Youisif

UAS CERTIFICATE NUMBER: FA3R3XYAL9

ISSUED: 02/10/2016 EXPIRES: 02/09/2019

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

For all holders, for all operations other than as a model aircraft under sec. 336 of Pub. L. 112-95, additional safety authority from FAA and economic authority from DOT may be required.

Safety guidelines for flying your unmanned aircraft:

- Fly below 400 feet
- Never fly near other aircraft
- Keep your UAS within visual line of sight
- Keep away from emergency responders
- Never fly over stadiums, sports events or groups of people
- Never fly under the influence of drugs or alcohol
- Never fly within 5 miles of an airport without first contacting air traffic control and airport authorities

Save this Card and your FAA number in a file by scanning this page after printing or just copy and paste the info into a document. To keep it in a card format you will have to scan.

AMOS Events for 2016

Helicopter—May 7th by Basil Yousif

Float Fly—May 11-15 by John Sorenson

War Birds—June 11th by Mike Haston

Electric—August 27th by John Hainlen

Giant Scale - Sept 24th - Gary Meyers and Basil Yousif

Jet Fly by Randy Sizemore Date to be determined

President's by Mike Haston Date to be determined

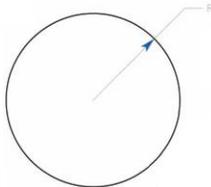
[How to: Get the Stars-and-Bars right on a War-Bird](#)

by [Model Airplane News](#)

If you are one of many modelers who acquired an ARF-type model of an American airplane, the chance that its star-and-bar markings is correct is about one in 10. It's sad but true. Among models built by usually careful modelers and displayed at meets, like the Toledo Show and Joe Nall, the situation is somewhat better, but incorrect markings still outnumber the correct ones.

What is it about the star-and-bar marking that makes it so difficult to get right and so often to be done wrong? Judging by the wide variation of ways to goof it up, there are a number of reasons. To illustrate this point, at a recent Top Gun event, one of the static judges, Rich Uravitch, and I looked in amused amazement at one particular model where the star and bar appeared in six places and each one was wrong—and each in a different way. If we take a look at a correct marking and analyze its construction, we can see how easy it is to get wrong. In doing this analysis, it must be noted that, like anything military, the markings follow a strict formula, with variations from it being virtually nonexistent.

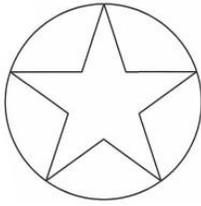
On the positive side, the formula is extremely simple because all the dimensions are based on one measurement only: the radius of the circle enclosing the star.



STEP 1

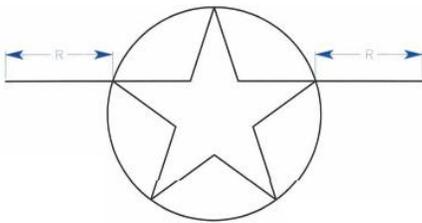
Draw a circle with a known radius. This dimension is referred to as “R.”

STEP 2



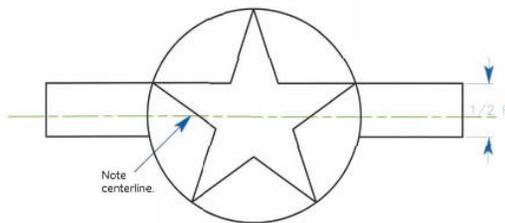
Inside the circle, draw a regular five-point star. (Note: The top point faces up on the side of the fuselage and forward on the wings.)

STEP 3



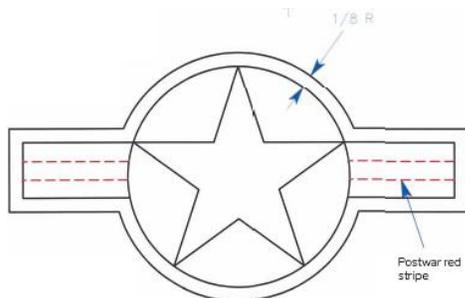
From the shoulders of the star, draw lines outward whose lengths are the same as R.

STEP 4



From the ends of these lines, draw vertical lines downward whose lengths are $\frac{1}{2}$ of R. (Note: This is where many mistakes are made.) From the ends of the vertical lines, draw the bottom horizontal lines back to the circle.

STEP 5



Around the entire figure, draw an outline whose width is equal to 1/8 R. If the marking is the postwar type, which includes the red stripe inside the white bar sections, the width of the stripe is equal to 1/8 R, and it is centered on the white bar. Note that the red stripe is slightly wider than the blue outline.



Skyraiders with correct post-WW II markings with the red stripe.

Color Specs

After learning how the U.S. aircraft insignia should look, it is also important to get the colors right. The FS (Federal Standard) 595a color reference guide identifies the colors to use as follows: Insignia Blue: 35044 if matte and 15044 if glossy

- **Insignia Red: World War II: 30109; pre- and postwar: 31136 if matte and 11136 if glossy**
- **Insignia White: 37875 if matte and 17875 if glossy**

Special note: During World War II, Insignia White was often applied as a mix of 13 parts white to one part black. This was due to straight white being too bright and conflicting with the need for camouflage.



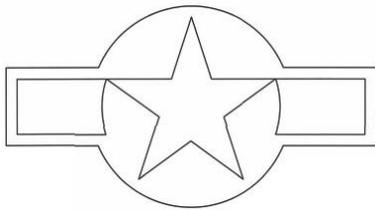
Incorrect
Obviously, the bars here are too long.



Correct This is how it should be on a Grumman Cougar.

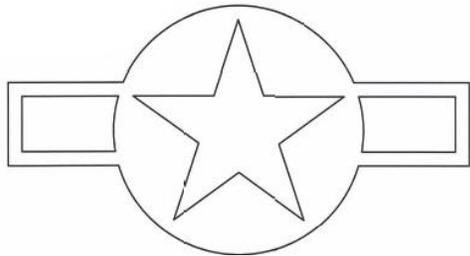
Examples of Wrong Markings

BAR TOO DEEP



Note that the correct figure is not symmetrical about the horizontal centerline (see Step 4). This is the most common error and probably accounts for most of the mistakes because it is wrongly assumed that the figure is symmetrical.

INCORRECT BARS



Bars do not touch the star but, instead, follow the overall outline. Other mistakes can include an outline that's too thick or, more often, too thin (or worse: varying the width!) as well as variations in the length of the bars. As indicated earlier, there are a host of ways to goof up the star and bar but only one way to have it right.

It's easy to correct a mis-marked model simply by putting a correct marking over an incorrect one. This might not be worth the trouble for a foamie, but it will help your score on a competition-scale entry. One interesting side note to this discussion is that the International Plastic Modelers' Society (the plastic-kit modelers' organization) never got it wrong.

We surely can't let plastic modelers outshine us!

R/C stuff for sale by owner:

Michael Dunbar 916-402-4571 mjvdunbar@surewest.net

I am letting some stuff go due to the fact that I have a overflow of TOO MUCH GOOD STUFF!

#1. Rad Jet complete with all servos, esc, motor, orange Spektrum r/x, clear coated ... never flown: \$80



#2. Powered glider. very nice condition. orange Spektrum r/x. flown twice. \$70



#3. Fly Sky transmitter and receiver.. great for beginner or glider: \$25



End Add

Futaba 12FG 2.4 ghz FASST R/C Transmitter and Futaba R6014FS receiver with LCD Backlight system installed - \$500. The radio is in excellent shape it's rarely used but works great I just want to upgrade to the 18SZ. This advanced radio has 17 point curves. Never a glitch in operation.



Can produce Thousands of Model memories and Flight Conditions.

Futaba 9CH Transmitter with 2.4 ghz module also has 72mhz capability with a optional module.
For sale by - Basil Yousif Phone: 916-410-2791 basil.yousif@sbcglobal.net

Jokes:

Social Media Alternative:

I've given up social media for the New Year and am trying to make friends outside Facebook while Applying the same principles.

Every day, I walk down the street and tell a passersby what I've eaten, how I feel, what I did the night before, and what I will do tomorrow.

Then I give them pictures of my family, my dog, and me gardening. I also listen to their conversations and tell them I love them. And it works.

I already have three people following me—two police officers and a psychiatrist!!

AMOS Newsletter prepared by: Basil Yousif, Send Newsletter feedback and topic info to - basil.yousif@sbcglobal.net use AMOS Newsletter as the Subject for the E-mail. Also see the clubs website at www.amosrc.com for more field information and Flyers.