



# The CONNECTOR

Newsletter of the Aeroguidance Society, Inc.  
AMA Chartered Club No. 441

[www.agsny.org](http://www.agsny.org)

Volume #63 ..... Issue # 2 Feb 2017

Recipient of the AMA Presidents Award for  
50 years of Service to AMA and Aeromodeling

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**THE NEXT AGS MEETING WILL BE ON  
Monday Mar 6th 6:45 P.M at the Endicott Library**

Changes to time or location will be noted in this newsletter

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## *The Prez Sez - Submitted by Rick Allabaugh*

Nothing received by Press Time

**Editor's note:** Please review the proposed By-Laws change which will be voted on at the March meeting. Also note for the March meeting we are back to our normal first Monday of the month.

### **Cancellation of AGS Meetings:**

In the event of poor weather, listen to the radio or television for local closings and cancellations. If the Library is closed the meeting is cancelled and a notice will be sent via the AGS mailing list.

### **Coming Events**

#### **AGS Mar Meeting**

Mon Mar 6th  
6:45 PM Endicott Library

#### **AGS Spring Fling**

Date: March 12th  
Time: 10:00AM – 2:00PM  
BC United Soccer Field

#### **For AGS field current weather info contact:**

BGM Automated  
Terminal Information  
System (ATIS)  
607- 729-8335

**The Aeroguidance  
Society, Inc.  
P.O. Box 39  
Vestal, NY 13850-0039**

**AGS Officers:**

**President:** Rick Allabaugh (A-C)

**Vice President:** Charlie Brown (D-H)

**Secretary:** Ray Phillips (I-L)

**Treasurer:** Bob Noll (M-R)

**Board Members at Large:**

Tom Kopl (S-Z)

Bill Green

**Past President:** Frank Gioffredo

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**Committee Chairmen:**

**Membership:** Charlie Brown

**Program:** Tom Kopl

**Activities:** Frank Gioffredo

**Field:** Todd Kopl

**Historian:** Open

**Public Relations:** Open

**Sound:** Scott Wallace

**Safety:** Frank Gioffredo

**Librarian:** Brent Bryson

**Webmaster:** Brent Bryson

**Newsletter Editor:** Scott Wallace

**Editorial – submitted by Scott Wallace**

Please review the pending By-Laws change, we'll vote on this at the March meeting so I have run the text again this issue. There weren't enough members present to hold a vote at the February meeting.

Also, the program on covering initially scheduled for February's meeting will be done at the March meeting. Should be a good one as Frank always has some good information for us, and we appreciate that he takes time out of his busy schedule to do this for us.

I am looking forward to some exciting new flying events coming to the AGS field this year. Many thanks to Bob Noll for heading up a classic pattern event in July and now Jim Monaco is planning to introduce a series of fun-fly type events for us.

When I lived in Charlotte, NC I ran a large, multi-club fun fly twice each year for over 10 years. It was a lot of fun and in the early years had a huge turnout.

What began with basic sport models migrated to profile models like the SIG 'Fazer' and over time evolved to the specialized to the all-out competition fun fly machines that had huge, very lightweight wings and control surfaces mated to a minimal fuselage. To be competitive the engines to have were the OS or Webra 32 size 2- strokes running a homemade tuned pipe, better known as a "mousse can" muffler. Back then electric wasn't a viable option...times have certainly changed.

The fragile yet amazingly agile competition type models caused attendance to dwindle year by year until only a handful of hardcore fliers participated towards the end. I'm hopeful we'll avoid repeating that mistake and keep our series low key and fun.



**NOTE: 72 MHz Channel #42 Must Not Be Used at the AGS Field**

**The CONNECTOR** is prepared on a Personal Computer. Submissions are happily accepted via email to: [wallaceaero1@aol.com](mailto:wallaceaero1@aol.com)

## **AGS General Membership Meeting Minutes**

### **Aeroguidance Society Meeting # 830**

Date: Feb 7, 2017

Place: Endicott Library

President Rick Allabaugh called the meeting to order.

Guests: None

The minutes as published in the Connector were approved.

Ray Phillips gave the Treasurer's report. Details are available from Bob Noll.

July 22 has been established for the Classic Pattern event at the AGS, CD is Bob Noll.

A membership vote was conducted on Chris Morgan.

There was not a quorum to vote on the by-laws changes. This will be deferred until the next general meeting.

Rick noted if there any problems noted with field power equipment, these should be brought to the attention of the Board of Directors (BoD).

The BOD will be reviewing the field improvements project list. Rick reminded the members we do not plan on spending our entire reserve. We will be selecting projects that will provide the most benefit to the club.

Ray showed a sample of the AGS shirt. More details will be available by the next general membership meeting.

Rick and Ray talked about the sUAV Webinar that was held at Delta engineering. It was very interesting to see all the engineering and land survey applications for sUAV. It is easy to see why the radio control manufactures are following this application. This is certainly a growing market.

The winter fly will be held on Sun 12 Feb at the BC United Field hosted by Neil Hunt. Hours are 10:00 AM to 2:00 PM.

Jim Monaco presented his latest original design. This is called "USA". The unique feature is the diamond shaped fuselage cross section. It appears Jim will have an entire new fleet at the field this summer.

**Respectfully submitted - Ray Phillips AGS 2016-17  
Secretary**

## **AGS Shirts are available again**

We have made arrangements with a local vendor to provide AGS shirts. These are short sleeve polo shirts with the AGS logo embroidered over the left breast.

Your name can also be added to the shirt. The total cost with a name is \$21. There may be an up charge for the larger sizes.

We are not planning in buying these shirts in quantity for stock. Each member will place a personal order with the vendor:

Zappia Athletic Products  
133 Front St.  
Vestal, NY 13850

Contact person; Dan Cordi and reference Ray Phillips

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## **Thinking about how this hobby has changed and what I learned – submitted by Ray Phillips**

Looking back on all the years I have been involved in model airplanes, I realize it has been a continuing learning experience. Starting with U-Control and moving into radio control was the first learning experience.

Then from single channel to multi-channel airplanes more knowledge was needed to be acquired. Moving from reed radios to proportional digital radios was another change we needed to learn.

Our hobby has been a continuing evolution of change and learning. The basic tools and materials have changed. I remember when Ambroid was the glue of choice. Now we have many adhesives to choose from. Some of us still use traditional covering materials and others have learned to use more modern time saving materials.

In the past, balsa wood and plywood were the only construction materials available. Foam is now being used more and more and we learned to work with it in building and making repairs.

Radio technology has moved at a rapid pace. I am sure you remember your first modern computer radio and the frustrations you had as you gained the knowledge to make it do what you wanted.

Electric powered airplanes are now very practical and becoming more popular. We had to learn how to size motors and select ESC. Learning and increasing your knowledge and keeping up with developments and changes are just part of our hobby.

Now we must continue learning about the latest changes. The latest change is the FAA becoming involved in flying radio controlled airplanes. Many argue this is not good for our future. Our future will be determined by how well we keep ourselves informed about everything that affects the hobby, including Federal Air Regulations. The future is truly in our hands

I don't want to scare you will all the talk about the FAA. We have been using the AMA safety code for many years. The FAA's main concern is about aviation safety. This is also true for the AMA. Many of the FAA regulations that have been written parallel the AMA safety code.

There are some concepts that we have not seen in the past with our hobby. Flying within the National Airspace System (NAS) is new to all model aircraft pilots. Yes, the FAA views us as pilots flying aircraft in the NAS, just like those flying manned aircraft. You are pilot in command (PIC) and are responsible for your actions involving an aircraft.

The FAA has added three sectional to the FAR's that deal with model aircraft or sUAV. Part 48 (registration and marking), Part 107 (Small Unmanned Aircraft Systems) and Part 101 will define the privileges to operate sUAV as a hobby.

So, now we have a new learning challenge. How do we fly and not violate the FAR's and FAA airspace? Making a mistake programming a computer radio could result in a crash. Making a mistake with the regulations could result in more restrictions on our hobby.

With the help of the FAA in Rochester, I have some hand out information on the NAS. I would like to combine this with information on Aviation Sectional Charts and TFR's in the form of an informal class so we can learn together.

I am thinking about a two hour class that I would repeat to accommodate member's schedules. This class would not be part of the normal AGS membership meetings; I want us to focus on this one subject. Place and schedule will be announced at a later date.

## **Proposed Changes to the AGS By-Laws**

The AGS Board of Directors is recommending the following changes to Article III – Membership.

The purpose of these changes is to make AGS membership category names and definition consistent with those used by the AMA.

Changes include changing “Regular Member” to “Adult Member”. A new “Youth Member” category has been added. The “Family Member” now requires only residence in the household of an Adult or Senior Member. The age of 19 and above is used to determine Adult or Family member category, this is the same as AMA. The new Youth Member category is limited to 19 years of age and residence of the same household of an Adult or Senior AGS member is not required. The categories of Student and Senior Members remain unchanged. All new members will join AGS as “Associate Member”. These Associate Members will become members in the category that applies after six month and affirming AGS membership vote. The “Member in good standing” section has been simplified by eliminating the detailed list of activities.

These changes will apply to all current AGS members.

Article IX – Dues, Fees and Assessments will be changed to reflect these new names and the addition of Youth Member. All other Articles of the AGS by-laws will be reviewed and changed to reflect these new changes.

### **CURRENT:**

#### **Article III – MEMBERSHIP**

A. Regular and Associate Members - All Regular Members shall be actively interested in radio-controlled aircraft. They must be AMA members and FCC Licensed if required. All members are expected to fulfill their obligations to the corporation such as committee assignments and assessments. All members shall agree to abide by the AGS by-laws; the AGS field rules, the by-laws of the AMA, and the AMA national model aircraft safety code.

B. New Members - Prospective new members become Associate Members for six (6) months by paying one half (1/2) of the annual dues. Associate Members have all rights and duties of Regular Members except voting rights. During the seventh month, the membership shall be discussed and voted upon by secret ballot. Upon

notification of having been approved the new Regular Member must pay dues prorated from the month of approval to the end of the current dues year.

C. Student Member - A Regular Member attending school as a full-time student during the dues year.

D. Family Member - A Regular Member who is a dependent of and resides in the home of a Regular Member.

E. Senior Member - A Regular Member who becomes sixty-five (65) years old and shall be a member of the AGS for at least ten (10) years during the next dues year.

F. Former Member - A Regular member in good standing whose resignation has been accepted by the Board of Directors. Former Members applying for membership shall be immediately eligible for membership at any regular meeting. A two-thirds (2/3) vote by secret ballot of a quorum (refer to Article IV Section E) shall be required for Regular Membership. Dues will be prorated from the month of approval to the end of the current dues year.

G. A member in good standing is one who:

1. Maintains membership in the AMA
2. Is current with AGS dues, fees, and assessments
3. Participates in at least one of the activities listed below during the current year:
  - a. Flies at a club-sponsored event
  - b. Assists in running a club-sponsored event
  - c. Serves as an elected officer of the AGS
  - d. Contributes an article to the AGS newsletter
  - e. Participates in mowing the AGS field or other maintenance operations of the AGS property
  - f. Participates in a "show-and-tell" portion of a club meeting
  - g. Participates in any other club activity, as published by the Activities Chairperson, which is not mentioned above.

H. The AGS does not discriminate on the basis of race, color, age, religion, national origin, sexual orientation, sex, marital status, disability, or status as a U.S. Vietnam Era Veteran.

## **PROPOSED CHANGE:**

### **Article III - MEMBERSHIP CATEGORIES**

A. Membership Requirements, Rights and Privileges - All Members shall be interested in radio-controlled aircraft. They must be AMA members and FCC Licensed if required. All members are expected to fulfill their obligations to the corporation such as committee assignments, dues, fees and assessments. All members shall agree to abide by the AGS by-laws; the AGS field rules, the by-laws of the AMA, and the AMA national model aircraft safety code. All members have full rights and privileges of AGS membership. Only Adult and Senior members have voting rights.

B. Associate Member – All prospective new members become Associate Members for six (6) months by paying one half (1/2) of the annual dues. Associate Members have all rights and duties of members except voting rights. During the seventh month, the membership shall be discussed and voted upon by secret ballot. Upon notification of having been approved, the new member must pay dues prorated from the month of approval to the end of the current dues year.

C. Adult Member – A member who is 19 years old at the start of the dues year.

D. Senior Member - A Member who becomes sixty-five (65) years old and shall be a member of the AGS for at least ten (10) years during the next dues year.

E. Family Member - A Member who is 19 years old at the start of the dues year and resides in the same household, or is attending school full time, of an adult member or senior Member. A Family member may request a change to Adult Member.

F. Student Member – A Member attending school as a full-time student during the dues year.

G. Youth Member – A Member under 19 years old at the start of the dues year. Residence of the same household of an adult member or senior member is not required. Youth member who turns 19 years of age during the dues year will become an adult member or family member at the start of the next dues year.

H. Former Member - A Member in good standing whose resignation has been accepted by the Board of Directors. Former Members applying for membership shall be immediately eligible for membership at any regular

meeting. A two-thirds (2/3) vote by secret ballot of a quorum (refer to Article IV Section E) shall be required for Membership. Dues will be prorated from the month of approval to the end of the current dues year.

I. A member in good standing is one who:

1. Maintains membership in the AMA
2. Is current with AGS dues, fees, and assessments
3. Participates in club activities.

J. The AGS does not discriminate on the basis of race, color, age, religion, national origin, sexual orientation, sex, marital status, disability, or status as a U.S. Vietnam Era Veteran.



### Winter Fly 2017 Report – submitted by Frank Gioffredo

Well after having to postpone the Winter Fly scheduled for Feb 12. Neil and I reset for the 19th. BEST decision ever. We gave up snow and ice for sun and 50 degree weather. We had 15 pilots come to fly and several spectators. Members from the Binghamton Aero's joined us for the nice weather, flying, and some great Pasta Fagioli soup made again by Neil's wife Maureen. As well as some delicious banana bread. I supplied the coffee, tea, and hot chocolate. I assisted in preparing a cup of HC for Todd Kopl's son Sammy; he appeared to enjoy it. I believe Ray Phillips made the first flight of the day followed by myself and Derek.



The weather as stated was phenomenal with nearly no wind until the afternoon. Most everyone flying got several flights in. Prez and VP both came and flew. Rick got cut off early when the wind flipped his corsair and broke the vertical fin off. It was nice to see the Aero's Prez Tony Jensen come and enjoy the day with us; we even had a visit from our friend Gerard from the Tricities airport. I think he approved of the event.

I would be remiss if we didn't thank Doug Breneman for helping us with accessing the soccer fields opening and staying to close up when we are done. Thanks again Doug.

Another thanks to Maureen Hunt for the fine vittles for the day. And last but not least to our host Neil for setting up the day. It was great to see so many come out to play; hopefully you all had as much fun as I did.



Winter Fly 2017 photos courtesy of Todd Kopl:



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### **Spring Fling 2017 – submitted by Frank Gioffredo**

It has been decided that Sunday March 12 will be the date for our last {winter} flying session, Spring Fling. I have offered to host this one as we had such a good time with the past two events.

Start time will be 10:00AM running until 2:00PM. As with the previous two winter events there will be no landing fees.

We will again offer some sort of dining delight along with our beverage service; donations will be happily accepted but not required. So bring your planes, and join in for some flying fun and socializing.

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### **Classic Pattern Contest - by Bob Noll**

The AGS Board of Directors has given their approval for the AGS to host a Classic Pattern contest on July 22. I have already received an AMA sanction for the event. As reported last month over a dozen members have said they would like to fly at this event.

The Classic Pattern Association was formed several years ago to:

- Promote and organize non-turnaround style aerobatic competitions.
- Revitalize classic pattern sequences and aircraft designs currently relegated to obscurity.

- Foster an inclusive environment with simple rules where pilot skill is the ultimate arbiter. preserve RC
- Preserve Precision Aerobatics' rich heritage, one maneuver at a time...

The most important distinction about the maneuver sequences flown at a Classic Pattern Contest is that each maneuver is done "center stage" in front of the judges. How the plane is turned around between maneuvers is up to each pilot and is not judged.

We will have five classes which include Pre-Novice, Novice, Advanced, Expert and Masters. Most of you will probably choose to fly in the Pre-Novice or Novice class.

Visit the Classic Pattern Association web site at: <http://www.classicpatternassociation.com/> and click on the "Patterns and Information button" at the top of the home page. Scroll down to the patterns at the bottom of the page.

You can fly any plane other than those designs presently being flown in RC Aerobatics that you see at our other pattern contest. The plane does not have to be designed for precision aerobatics and you should chose the plane you fly the most and are most familiar with.

If you are not on my classic pattern e-mail list and are interested in joining the gang, please let me know at [bobrc@aol.com](mailto:bobrc@aol.com).

We will be beginning class room training sessions in March and follow them with sessions at the field as the weather improves.

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### **AGS Racing - by Bob Noll**

It may seem a bit early to think about this year's pylon racing but it's not too early to plan for it. Coming in 2nd last year gives me the wonderful opportunity to be our racing guru for this season.

Last season we planned to have races with the Park Zone Sport Cub that several members have flying already. Seeing Matty Kopl and Cody Brown fly their Cubs in a simulated race several times last season encouraged Brent Bryson to plan a few races for the Sport Cubs.

The plan was to fly the Sport Cubs immediately after the Quickee 500 races on the same pylon course but for only 5 laps instead of 10 laps. We were never able to do this last season since the idea came late in our racing schedule.

However, this season we should be able to get some Sport Cubs on the race course. I know that there are at least 6 members who have Sport Cubs and I hope all Sport Cub owners will join us. Racing is a lot of fun especially when the planes are not very fast as long as they are of equal speed. Of course an important requirement is to use the same motor and battery size that is included with the BNF plane.



The motor is a 480-size, 960Kv BL out runner. The battery is 3S 1300-2200mAh Li-Po. Since this is a very popular plane a lot has been posted on various web sites about upgrades. There are some good suggestions there but don't plan to upgrade to a different size motor or larger battery system. The whole idea is to race a very affordable plane that is extremely easy to fly.

*What would the FAA think of this...*

**GLIDE-O-BIKE**



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## **AGS CLUB ACTIVITIES FOR 2017**

<b>ACTIVITY / LOCATION (AGS Field unless specified)</b>	<b>DATE</b>	<b>CHAIRMAN</b>
AGS Spring Fling BC United	March 12 <sup>th</sup> 10:00AM – 2:00PM	Frank Gioffredo
AGS Field Opening	TBD	Todd Kopl
AGS Classic Pattern Contest	July 22	Bob Noll
AGS Precision Aerobatics Contest	TBD	TBD
VRCS Spirit of Selinsgrove	Sept 2-3	Bob Noll
AGS Field Winterizing	TBD	Todd Kopl

### **Other nearby RC events of interest**

<b>Event / Location</b>	<b>Date</b>	<b>Contact / Info</b>
Indoor Flying Sayre, PA	Feb 28 7PM - 9PM	Dan Luchaco <a href="mailto:pafflyer23@gmail.com">pafflyer23@gmail.com</a>
Indoor Flying Sayre, PA	Mar 14 7PM - 9PM	Dan Luchaco <a href="mailto:pafflyer23@gmail.com">pafflyer23@gmail.com</a>
Indoor Flying Sayre, PA	Mar 28 7PM - 9PM	Dan Luchaco <a href="mailto:pafflyer23@gmail.com">pafflyer23@gmail.com</a>
Susquehanna Valley Modelers 2017 Fun Fly	July 8 (rain date 9 <sup>th</sup> ) 10:00AM – 5:00PM	Mike Brown <a href="mailto:Mikeb@kfhinge.com">Mikeb@kfhinge.com</a> (570) 568-0710

**Editor's Note: If you know of an event in the area that would be of interest to the general membership please forward that information to me at [wallaceaero1@aol.com](mailto:wallaceaero1@aol.com) for inclusion in the next edition of The Connector.**

### **AGS Merchandise – available from Bill Green**

<b>Item</b>	<b>Price ea.</b>	<b>Item</b>	<b>Price ea.</b>
AGS Decals (white base)		AGS Patches	
Small	\$0.75	Small (2.25" x 1.75")	\$0.75
Medium	\$1.75	Medium (3" x 2")	\$1.75
Large	\$2.75	Large (4.25" x 3.25")	\$2.75
X-Large	\$3.75	X-Large (5.75" x 4.5")	\$3.75
AGS Decals (clear base)		Embroidered Coat Patches	
Small	\$0.50	Medium (9" x 7")	\$10.00
Medium	\$1.00	Large (12" x 10")	\$15.00
Large	\$1.25		
X-Large	\$1.50	AGS Coffee Mugs	\$10.00
		AMA ID Labels	\$0.25

# MARCH PROGRAM



## *Covering Tools and Techniques*



AEROGUIDANCE SOCIETY, INC.  
P. O. Box 39  
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