



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

# The CONNECTOR

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

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

Volume #64 ..... Issue # 9 September 2018

## THE NEXT AGS MEETING WILL BE ON

**Monday Oct 1st 6:30 P.M at Delta Engineers, Architects, & Land Surveyors**

Changes to time or location will be noted in this newsletter

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

### Next Club Meeting

The next club meeting will be up at the office of Delta Engineers, Architects, & Land Surveyors on Monday, October 1<sup>st</sup>, at 6:30 PM. **PLEASE NOTE THE CHANGE IN LOCATION.** The office is located at 860 Hooper Road, Endwell, NY 13760. If you read my e-mail to the club, the library has now booked many of the Monday's for reading clubs. While a very noble effort by the library to encourage reading and community involvement, it does effect of meeting day and location.

The meeting room will hold 21-22 people. Since we've been averaging between 12-15 people, we should be OK. We'll have plenty of room for show and tell items. The plan is to temporarily use my office with the hope that a member or members will help us find a new meeting location. We'll discuss more at the meeting.

### Proposed Slate of Officers

I'm happy to announce that we almost have a full slate of Officers for the upcoming year:

President: Rick Allabaugh

Past President: OPEN

Vice President: Jeff Hatton

Secretary: Bill Green – General Mtg / Rick Allabaugh – BOD Mtg

Treasurer: Brent Bryson

Board Member at Large: Scott Wallace (2 yrs)

Board Member at Large: Jim Monaco (1 yr)

### Final Thoughts

I'm sure by now you've started to see the latest from AMA on drones and the upcoming regulations. I have one word of advice. Pay attention to what's going on, get involved. It seems like the latest round of regulations could greatly affect our hobby. As a club, we can and will react to the situation as best we can. Maybe we'll have to change the way we operate. Maybe we'll merge with other clubs in the area to minimize the impact. We'll just have to wait and see how this develops.

As always, I hope to see ya at the next meeting!

## 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 Float Fly

Sept 29 - 30

Nathanial Cole Park

#### AGS Oct Meeting

Mon Oct 1

6:30 PM

Delta Engineers,  
Architects, & Land  
Surveyors

860 Hooper Road  
Endwell, NY 13760

[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:** Bill Green (D-H)

**Secretary:** Rick Allabaugh (Acting Secretary) (I-L)

**Treasurer:** Brent Bryson (M-R)

**Board Members at Large:**

Bob Jennings (S-Z)

Jim Monaco

**Past President:** Frank Gioffredo

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**Committee Chairmen:**

**Membership:** Bill Green

**Program:** Tom Kopl/Scott Wallace

**Activities:** Open

**Field:** Todd Kopl

**Historian:** Open

**Public Relations:** Open

**Sound:** Scott Wallace

**Safety:** Open

**Librarian:** Brent Bryson

**Webmaster:** Don Shugard

**Editorial – submitted by Scott Wallace**

Well another Labor Day is behind us, and even though the flying season here is drawing to a close, these next couple months are some of the best times to fly all year. Crisp and cool is preferable to hot and muggy any day in my book.

A big thanks to Bob Noll for another successful Spirit of Selinsgrove VRCS event. Bob has run this event for around 20 years and has decided he will pass the torch, so next year Ray Phillips and I will run the event. This event, besides being a lot of fun for several club members and more than a few out of towners, always brings some much-needed funds to the AGS treasury thanks to the VRCS event sponsorship program.

One thing that some AGS members don't realize is just how good of a facility we have. If you don't get out much to other local and regional events you probably don't understand what passes for an RC flying field for many clubs. I've flown in events up and down the east coast, in Texas and Oklahoma and as far west as Colorado. Next to the AMA site in Muncie, I have come to appreciate that the AGS has one of the premier flying fields in the country. We should be rightfully proud of it, and we should all share in keeping the field and the club running smoothly.

**Breaking news,** Congress is expected to pass the FAA Reauthorization Bill the week of Sept 24<sup>th</sup>. Special rule 336 for Model Aircraft has been repealed. The language in the Bill as it applies to traditional line of sight recreational model aircraft fliers has huge implications.

We'll be required to pass an Aeronautical Knowledge and Safety test to fly a model airplane. Let that sink in for a minute. Also, each *model* must now be registered and marked. Previously, only the operator registered but now each model must be registered and you can bet it won't be free. Many other changes as well as language granting the FAA power to make changes as they see fit, whenever they see fit.

The incompetence of the AMA as our advocate has now been fully exposed.

**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: [s.j.wallace13@gmail.com](mailto:s.j.wallace13@gmail.com)

## AGS General Membership Meeting Minutes

### Aeroguidance Society Meeting #849

#### NOTE

The Endicott Library had double booked our meeting time slot for Sept 10. Instead of cancelling the meeting the decision was made on the fly to move the meeting to Kristofer's. Additionally, the AGS no longer has access to our usual time slot for the first Monday of the month. Watch your email for updates concerning a new meeting day of the month going forward.

Date: Sept 10, 2018

Place: Kristofer's

President Rick Allabaugh called the meeting to order at 7:00PM

Guests:

- Joe Semcho (Dave Smith's father)
- David Dewey-Wright (Jerry Wright's son)

The minutes of the last general meeting were approved as published in The Connector.

Brent Bryson gave the financial report to those in attendance. If any member has any questions regarding our account, they can contact Brent Bryson for additional information.

President Allabaugh gave a summary of the August Board of Director's Meeting.

- Budget review & discussion held, Board recommends no dues increases for 2018-19
- Ray Phillips was a guest at the meeting, discussed inconsistencies between AMA safety rules and AGS field rules.
  - Every new AGS member should get a copy of the field rules
  - Suggestion to revise field rules for clarity and provide enhanced definitions for terms that may not be clear to newcomers (taxi way, pit, flight line, spectator line, etc.)
  - Discussion to create an aerial map of the field as an aid to help identify defined field safety zones
- Old Business
  - Insurance premium increase due to the zero-turn mower was paid
  - Reminder to all on the mowing crews to check supplies for the port-o-john and

call for cleaning when needed (number posted inside)

- New Business
  - Suggestion to add officer photographs to the Connector
  - BoD thanks Jeff Hatton for his road cleanup efforts before the Aerobatics contest

#### Committee Reports:

##### Activity Reports –

- 1) Annual Aerobatics contest – CD Jeff Hatton reported on a successful event with 16 entries and a net of over \$300 to the club
- 2) VRCS Reunion – Scott Wallace reported on the 29<sup>th</sup> Annual Spirit of Selinsgrove VRCS event, this event also had 16 entries and will net several hundred dollars profit for the AGS (final number is TBD). After more than 20 years as CD of this event, this was Bob Noll's final time running the event. Thank you to Bob for his dedication and hard work over the years making this event successful. Scott Wallace and Ray Phillips will take the reins run the event next year.
- 3) Hill Top Challenge – Jim Monaco reported that the Hilltop Challenge was unfortunately cancelled due to wind/weather. Jim encouraged everyone to get an airplane together for next year's Challenge.

#### Old Business:

- 1) Rick Allabaugh reminded the membership that there would be a garage sale of Dave Lewis's models and hobby related equipment to benefit Dave's widow. Date is Oct 6, address posted in the event calendar
- 2) Regular meeting dates are currently TBD due to changes in room reservation priorities at the Endicott Library. Look for emails from the club distro with updates.
- 3) It was suggested by Scott Wallace that in the future we not schedule events that tie up the field for 3 consecutive weekends. The BoD will take this under consideration for next year when approving events.

## New Business:

### 1) Officer Candidates:

- |                          |   |
|--------------------------|---|
| a. President             | Rick Allabaugh  |
| b. Vice President        | Jeff Hatton   |
| c. Secretary             | Bill Green  |
| d. Treasurer             | Brent Bryson  |
| e. Board Member at Large | Jim Monaco<br>(1 year remaining on his existing term) |
| f. Board Member at Large | Scott Wallace   |

### 2) Dues structure previously sent out to the club distro was voted on and unanimously approved. No changes to our dues structure for 2018-19.

### 3) Reminder, club dues for the coming year are due on October 1<sup>st</sup>.

### 4) Reminder to use Rick Allabaugh's new email address going forward: [rcallabaugh776@gmail.com](mailto:rcallabaugh776@gmail.com) Do not use his Rick's work email address or his old "@stny.rr.com" email address.

### 5) Jim Monaco reports that the new AGS hats are greatly improved from the previous version

### 6) Concerns have been raised over inequality in the way field rules are being enforced.

## Show and Tell:

None

## Program:

Bob Hoag was prepared to do an interesting program on RC aerial photography, but the loss of the library put a damper on the evening's program. Bob provided handouts that captured the essential points he planned to discuss.

The meeting was adjourned at 8:30PM

## AGS Field Report Sept 2018 – submitted by Todd Kopl

I'm amazed at how nice the field has looked all season...just like a well-manicured golf course every time I go up. I noticed the tall grass was getting high a few weeks ago, went up to mow and magically someone had already done it. Also, knock on wood I've had zero equipment problems reported all season. Just lots of smiles after folks use that new mower!

Also, thank you Jeff Hatton for hauling his tractor up there and making repairs after several heavy rainfalls.

It seems like just a few weeks ago I was up at the frozen tundra helping Wayne load up the old Exmark for auction and here it is time to start planning field winterizing, another season almost in the rearview mirror. Field winterizing will be on Saturday Nov. 3rd 10:00 am until done. Any cancellations will be done by email NLT Friday 5pm.

Below is my latest completed project.... a SIG Kougar kit dating back to ~ 1975. Finished it Friday morning before VRCS, 1st flight same afternoon, flew at VRCS next day. The back-story is I started it (barely) in the early 80's, set aside, and grabbed it from Dad's shop last fall to finally finish. Flies nice, covered in Ultracote, good old glow power (O.S. 46). Speaking of VRCS, what a great relaxing, enjoyable event!



## Upcoming Mowing List:

MOWING LIST 2018				
9/27 - 9/29	Scott	Sinnett	Dave	Smith
10/4 - 10/6	Scott	Wallace	Ray	Phillips
10/11 - 10/13	Bill	Green	Jim	Monaco

## RC Garage Sale to benefit Dave Lewis' Family – submitted by Bob Noll

As a reminder, Dave Lewis is a past AGS member who passed away in February. I am working with his wife Ellen to dispose of his many modeling items. There will be a garage sale on October 6 starting at 1:00; address is 3712 Maplehurst Dr. in Endwell.

Refer to the previous issue of the Connector for a partial list of RC items available.



## **Fifty-Five and counting – submitted by Jim Quinn**

In 1958 my brother, Bill's, first child, Pat, was born. Two years later my brother and I rationalized that two-year-old Pat would love to watch an airplane fly. We bought a plastic Cox ukie. It crashed, as did several others. (Remember the Goldberg Shoestring control line restoration.) So, in 1961 we decided that R/C would be a better option. We built a Controilaire Mule single channel transmitter and receiver. A small Esquire with an .049 engine would "fly" our equipment. We would tune the receiver, check for range, start the engine (that was always my brother's department) and hand launch the Esquire. After a few commands from the button on the TX the plane would fly away. We would search for it. I would repair it (I did the airframes) and we would repeat the process.

In 1963 I joined the Aeroguidance Society. We quickly learned that once the receiver was tuned a small drop of hot wax would "lock" the tuning slug in place. That solved our unknown vibration problem that would always de-tune our receiver shortly after launch.

Later in 1963 I was introduced to the Ken Willard VIRUS. The Virus was a very simple single channel airplane with a pod mounted .049 Baby Bee engine. That didn't stop the crashing, of course, but we did learn how to fly R/C that year. It was incredibly hard, but we did master the process. The Virus was flown successfully for several years. It was a key factor in winning several "Around the Year Club" awards. Of course, that award was more commonly known as the "Nut Club."

In the 1970s I switched from R/C to full size airplanes and successfully built and flew a Volksplane, the VP II and the Sonerai II. I also sold all my R/C equipment. The Virus and the Controilaire equipment remained in my workshop.

20 years later I was back into R/C once again, beginning with my faithful Virus. Many laughs were had by GJ's customers about how out of date I was with the world of radio control. My 1976 Kraft Gold Medal single stick TX was ancient history, as was my single stick option for a transmitter. Futaba (a brand I would never have considered in the 1970s) seemed to be an industry leader.

About 10 years ago I "retired" my original Virus and nostalgically build a duplicate Virus. It used a new Baby Bee .049, and I still used a Mule TX/RX and a Babcock escapement. After several radio failures the escapement

was replaced by a single Futaba servo. That flew well for a few years, notwithstanding a few more crashes, of course. Last year the Baby Bee was replaced with an electric motor. Most recently, it was flown at the 2018 VR/CS Firebirds reunion by several Firebirds who had never seen, much flown single channel. As always it was last flown at the AGS SoS a few weeks ago.

What seemed almost impossible to master in 1963 seems like a dream to fly 55 years later. Today with modern equipment where the planes practically fly themselves R/C pilots can be successful on their first flights. In 1963, however, without the help of AGSers, my brother and I might still be hand launching and crashing the Esquire.



## **VRCMC Indoor Flying Plans – by Dan Luchaco**

Howdy – Here is an update to the Valley R/C Indoor Flying Season at Lynch Bustin Elementary School Gym.

The cost per person per session will be \$5 each. No prepay discount but if you want to pay \$20 at Session 1 I won't have to collect from you until session #5. A local Santa Claus has volunteered to make up any shortfalls in our costs vs income at the end of the flying season!

Plans are for 2 sessions in October, 2nd & 4th Tuesday, 1 in November, 2nd Tuesday, 1 in December, 2nd Tuesday, 2 in January 2019, 2nd & 4th Tuesday and 2 in February on 2nd & 4th Tuesday. We'll have pizza and water at the final February session. We may change the final session to Saturday Feb 23 depending on the school schedule for others using the gym and the fact the WRAMS /AMA Show will probably be that w/e and flyers may want to attend that event.

There may be a change in the November flying plans depending on possible changes to the school calendar. At present the school is closed on the 4th Tuesday but it may change to being open in which case we can use the gym to fly.

Final dates and info will be provided soon. Please pass the word to your club members and flying friends.

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## **29<sup>th</sup> ANNUAL SPIRIT OF SELINGSGROVE REUNION – by Bob Noll**

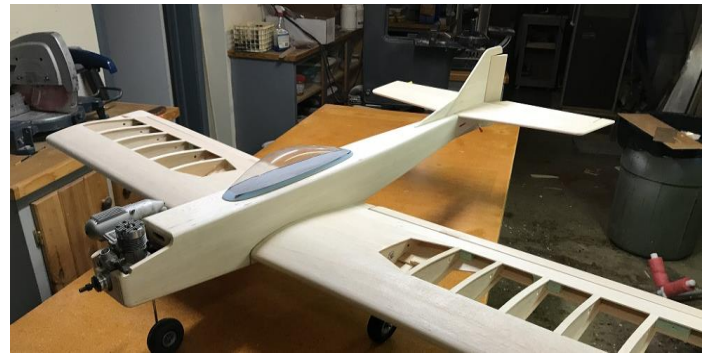
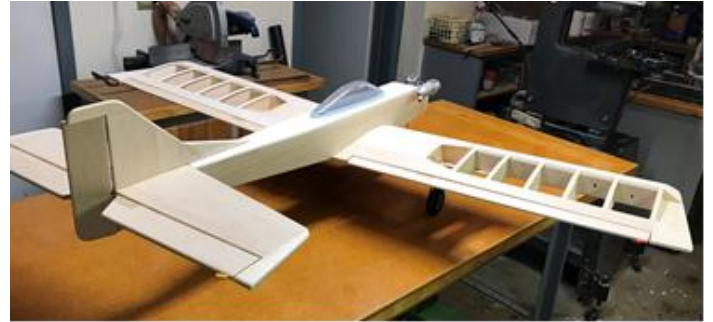
The Aeroguidance Society again hosted the oldest running VRCS reunion. This event is held at the Aeroguidance Society's model airport in Endicott, NY which is club owned since 1975. This hilltop venue affords a beautiful two runway site for flying as well as viewing the nearby hills and the Susquehanna Valley area.

Those who arrive on Friday gather at Mario's Restaurant in Owego to renew friendships and provide the latest in vintage RC stories.

Saturday morning saw a parade of cars up the hill to unload a large fleet of planes. First flights were in the air by 9 AM and continued all day until about 4:30 when things wound down and most returned to the headquarters hotel in Owego to get ready for the evening banquet.

## **Mystery Model Question – submitted by Ray Phillips**

Who can correctly identify the name of this model, with a bonus point for the designer's name?



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Our prize chairman, Ray Phillips, came up with a new way to provide the large amount of merchandise that was donated to the event. Each pilot received five raffle tickets upon registration. Additional ticket could be purchased for a nominal fee. Ray set up all of the merchandise on tables, each with a small plastic container with a hole to deposit the tickets. Later in the day Ray drew from each container and awarded the merchandise to the lucky winners.

Once again this VRCS event featured a very large variety of vintage planes from simple rudder only planes powered by .049 engines to larger "full house" designs. I was impressed by the large number of Class II planes, those without ailerons, and how well they fly with only rudder and elevator control. I think our members should think about building Class II planes. These designs are very simple to build because of the simplicity of building a wing without ailerons. I have several Class II planes that surprise my club member when they see them fly and realize that they don't have ailerons.

Many of the pilots and their spouses gathered at the Owego Treadway for the evening banquet. Of course the



first meeting place was the restaurant's bar for some libation before dinner in the Owego Room. The awards were presented at this banquet and our President, Mike Denest, addressed the gathering and spoke about the growth of VRCS events.

One last thing I should mention. As things were winding down on Saturday afternoon I finally got a chance to fly. I brought my Live Wire Yankee that I had installed a Galloping Ghost system using the Tobe actuator and a Controlaire Galloping Ghost transmitter that Jay Mendoza had converted to 2.4 GHz. This was not the first flight on the plane with this system. The first flight revealed that I needed some right thrust in the engine. I went home and checked the plans for this Hal deBolt design and noticed that Hal did not show any right thrust and so I built it exactly according to the plans. I probably should have known that the right thrust would probably be required, however, since I was building this plane to enter in the Vintage Plane category at Toledo I made sure I built it exactly according to the plans. It paid off as the Yankee won 1<sup>st</sup> place in the Vintage RC category. I needed a plane for the Galloping Ghost system and decided to add an elevator to the Yankee. The plane was originally a rudder only plane and its first flights on R/O were something less than successful. So, I took my handy straight edge and a razor blade and carefully cut away a portion of the stabilizer and hinged it with very small CA hinges.

The first flight as GG did indeed show that the plane needed some right thrust since it was very difficult to make a nice right turn. So, I put in about 2 degrees. This turned out to be about right and the next flight, which was at the reunion, was better, allowing me to make reasonable turns in both directions. After a few minutes the flight got very exciting. I had very little right turn control and it landed among the trees a short distance away near the end of one of the runways. Ray Phillips walked toward the landing area and saw it perched at the top of a very large pine tree.

Ray and I marked the path to the tree with surveyors tape and wrapped tape around the very large tree trunk a day later. A call to a tree climber resulted in getting the Yankee back with no structural damage and only a few small holes in the covering. Careful inspection of the plane when I got it home revealed that I had not crimped the sleeve on the right cable at the rudder which had pulled loose. Dumb mistake!



**Doug Weaver's Concours winning "Chicken Hawk"**



**Tom Kozl's Contender (Theme Plane winner)**



**Jeff Troy's Antic biplane and Dallaire Sportster**



Bob Hoag took some beautiful photos of the VRCS event that are worth the time to view, copy & paste this link:

[https://photos.google.com/share/AF1QipNHTL7KccRwyW02jedCuPMvBZfXXQIjWoMF0Kqlvozhe\\_A3JJRG3L07h7mFJH1G1w?key=SDUtSEMxNmRjTmFXV21uaXFmVUd4ckxPNXJISmpn](https://photos.google.com/share/AF1QipNHTL7KccRwyW02jedCuPMvBZfXXQIjWoMF0Kqlvozhe_A3JJRG3L07h7mFJH1G1w?key=SDUtSEMxNmRjTmFXV21uaXFmVUd4ckxPNXJISmpn)

#### **AGS Field Photos – submitted by Bob Hoag**



**Bill Murray us visiting from Texas**



**Bill Green and his Carbon Z Cub**



**A curious butterfly**



# **REMINDER**

## **AGS Club Dues are due in October**

**Reminder to all AGS members...Keep  
your AMA membership current.**

**AMA membership is an AGS  
requirement to remain a member in  
good standing.**

***AGS Shirts and Hats are available again!***

***Get your from Zappia Athletic  
133 Front St.  
Vestal, NY 13850***

***Contact person is Dan Cordi, reference Ray Phillips***

## **AGS CLUB ACTIVITIES FOR 2018**

<b>ACTIVITY / LOCATION (AGS Field unless specified)</b>	<b>DATE</b>	<b>CHAIRMAN</b>
AGS Float Fly Nathaniel Cole park	Sept 29 - 30	Don Shugard
RC Garage Sale to benefit Dave Lewis' family @ 3712 Maplehurst Dr., Endwell	Oct 6 1:00	Bob Noll
Field Winterizing	Nov 3 10:00	Bill Green

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

<b>Event / Location</b>	<b>Date</b>	<b>Contact / Info</b>
Binghamton Aeros "Chili Fly" Chenango Bridge Airport	Oct 13 10AM - 5PM	<a href="https://binghamtonaeros.wildapricot.org/">https://binghamtonaeros.wildapricot.org/</a>
<b>Indoor dates listed below are tentative and subject to change</b>		
Indoor Flying Sayre, PA	Oct 9	Dan Luchaco <a href="mailto:pafflyer23@gmail.com">pafflyer23@gmail.com</a>
Indoor Flying Sayre, PA	Oct 23	Dan Luchaco <a href="mailto:pafflyer23@gmail.com">pafflyer23@gmail.com</a>
Indoor Flying Sayre, PA	Nov 13	Dan Luchaco <a href="mailto:pafflyer23@gmail.com">pafflyer23@gmail.com</a>
Indoor Flying Sayre, PA	Dec 11	Dan Luchaco <a href="mailto:pafflyer23@gmail.com">pafflyer23@gmail.com</a>
Indoor Flying Sayre, PA	Jan 8	Dan Luchaco <a href="mailto:pafflyer23@gmail.com">pafflyer23@gmail.com</a>
Indoor Flying Sayre, PA	Jan 22	Dan Luchaco <a href="mailto:pafflyer23@gmail.com">pafflyer23@gmail.com</a>
Indoor Flying Sayre, PA	Feb 12	Dan Luchaco <a href="mailto:pafflyer23@gmail.com">pafflyer23@gmail.com</a>
Indoor Flying Sayre, PA	Feb 26	Dan Luchaco <a href="mailto:pafflyer23@gmail.com">pafflyer23@gmail.com</a>

**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 [s.j.wallace13@gmail.com](mailto:s.j.wallace13@gmail.com) for inclusion in the next edition of The Connector.**

# OCTOBER PROGRAM



## *Electric Motor/Prop Selection*



AEROGUIDANCE SOCIETY, INC.  
P. O. Box 39  
Vestal, NY 13850-0039