

# The CONNECTOR

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

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

Volume #67 .... Issue #12 December 2021

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

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**\*\*January Meeting\*\* (Monday Jan 10<sup>th</sup>)  
TRI-CITIES AIRPORT  
351 Industrial Park Blvd, Endicott, NY 13760**  
Changes to time or location will be noted in this newsletter

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## Prez Sez — David Dewey-Wright

Merry Christmas! Happy New Year! Happy Kwanzaa, Hanukkah, Boxing Day... whatever you're celebrating or have celebrated.

A new year is upon us, and that brings with it the New Year Fun Fly, at the BC United Soccer Fields, next to the Ann G. McGuinness Elementary school, just north of Endicott on Rt. 26. Flying begins at 10:00, and ends at 2:00. It doesn't look like you'll need skis on your planes at this point, but bring your gloves. Thumbs get cold on the control sticks at this time of year! Looking forward to what you bring to the fields. I expect we'll have some food there too, and if you've got plans to bring something that needs to be plugged in, bring a cord. We'll have the new club generator there to run a crock pot or coffee maker.

As a reminder our January Club meeting date has been moved to **January 10th, 2022**. If you didn't read your postcard carefully, we'll be voting to verify a required

change in our Field Rules. Because of a change in the AMA/MAAC insurance requirements, anyone flying at our field must be an AMA member. So we'll be removing the references to MAAC from the Field Rules.

### Up-Coming Events

#### New Year's Fly

Saturday Jan 1<sup>st</sup>

10-2

Ann G. McGuinness  
Elementary Endicott

#### AGS January Meeting

Mon Jan 10<sup>th</sup>

6:30 PM

Tri-Cities Airport  
351 Industrial Blvd  
Endicott, NY 13760

#### AGS February Meeting

Mon Feb 7<sup>th</sup>

6:30 PM

Tri-Cities Airport

[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:** David Dewey-Wright  
(A-C)

**Vice President :** Jesse Pagels  
(D-H)

**Secretary:** Jesse Pagels (I-L)

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

**Board Members at Large:**

1) Brent Bryson (S-Z)

2) Dave A. Smith

**Past President:** Jeff Hatton

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**Committee Chairmen:**

**Membership:** Bob Noll

**Field:** Bill Green

**Safety:** Chris Goffa

**Webmaster:** Don Shugard

**Newsletter Editor:** Todd Kopl

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

(Prez Sez continued)

As our presentation part of the January meeting, Bob Noll will be presenting material on early escapements used in the "earlier years" of R/C flying. While some of you seasoned AGS members may have seen this, some of us newer members (including myself) haven't.

For our February meeting, Greg Ingalsbe will give us a presentation on 2.4GHz and how it's used in R/C. If you've been up at the field when Greg has been there, you may have seen his home built transmitter. He's doing a lot of work with telemetry, and even has an artificial horizon display which shows the pitch and attitude of his plane as it's in the air. Neat stuff and hopefully you'll be there to catch his presentation. I'm expecting to learn a lot. He said he's got enough material to do a couple of presentations.

A reminder that if you have anything you'd like to see as a presentation at a club meeting, or something that you would like to present, let me know! We'll try to make it happen!

Joyeux Noël! Feliz Navidad! frohe Weihnachten!

and a Happy New Year! Hope to see you soon!

**Vice Prez Sez — Jesse Pagels**

I hope everyone reading this has been enjoying the holidays this month. With the cold weather, early sunsets, and the field having been winterized, there hasn't been a whole lot of flying taking place these days. But that is not to say that there aren't opportunities to get a couple more flights in this year, or perhaps I should say the next year, as the New Year's Day Fun Fly is coming up just around the corner (please see details elsewhere in this issue of *The Connector*).

With the New Year in sight, it has me thinking about events of the past year. We had a number of successful events this year including a pylon racing season that was continually plagued with bouts of poor weather, the always well-received VRCS event, and Pattern Contest. Many thanks are owed to all of the members who helped make these events possible. I am certainly looking forward to what 2022 has in store for us as a

club, and with any luck, maybe less rain and more flying days this time around.

### Trez Sez – Bob Jennings

This is a reminder from your Treasurer that members' dues (other than Associate Members) expire on Oct. 31. Therefore, your dues are in arrears if you haven't paid for the coming year by then. The AGS Budget for the 2021-2022 year maintains the present year dues amounts. Dues may be paid at the meeting or by sending a check written to **Aeroguidance Society (or AGS)** and addressed to Aeroguidance Society, Inc. PO Box 39 Vestal NY, 13850-0039. Alternatively, a payment may be sent via PayPal to [AGSTreasurer@agsny.org](mailto:AGSTreasurer@agsny.org)

### AGS General Membership Meeting – Jesse

#### Pagels

The AGS General Meeting was held on 12/6/2021 at the Tri-Cities Airport and via remote access with 12 members in attendance and one guest (Aleta Jennings) The meeting was called to order at 6:33 P.M.

#### 1) Treasury Report

- Bob Jennings gave an update on the current standings of the Club's income, expenses, and account balance.
- Bob conducted a 5 year audit showing what the club has previously budgeted for vs the actual inflows and outflows.

#### 2) Membership Report

- The following associate members were granted full member status: Greg Ingalsbe and Mike Hotelan.

#### 3) Field Improvements

- Upcoming maintenance is required for the shed that will need to be addressed in the near future—as per Bill Green.
- Erosion and washout has been noted at turn #2 on the road going to the field and should be addressed before it worsens.
- The purchase of a gas generator might be able to be used to get light to the shed as well as power a power-washer for cleaning the Zero-turn mower.

#### 4) New Years Day Fun Fly

- The News Year Day Fun Fly will be held at the BC United Soccer Field on Jan 1<sup>st</sup>.

#### 5) Next General Meeting

- The next general meeting has been moved to Jan 10<sup>th</sup> to avoid scheduling conflicts associated with the New Year's holiday.

#### 6) Show and Tell

- Ray Phillips brought back numerous gallons of glow fuel from PA. Many thanks to Ray for his help.
- Bob Noll brought in his 1957 Lancer which was designed by Dick Alen
  - Won Class 1 at the Nats

#### 7) The meeting was adjourned at 7:48 P.M.

### Editorial – Submitted by Todd Kopl

Happy New Year! I encourage everyone to be active productive members in 2022. Come to meetings, events, and support your club. Start thinking about being a board member in the future if you've never done it. It can be a real eye opener to see up close what it takes to run this club. And It can be very rewarding!

### Did You Know – Submitted by Bob Noll

Several of you told me that you enjoy reading about what was going on in the AGS 50 years ago, so here we go again. I should remind you that these were the years when members "built" at least one plane every winter. Let's check "The Connector of December 1971".

There was no Prez Sez so The Connector started out with,

#### MEETING PROGRAMS:

January 7 – Art Riegal will explain the Do's and Don'ts of spray painting. If you never tried a spray finish or had trouble when you did try, you won't want to miss this program.

January 21 – Dave Reed is trying to obtain the 1971 Rhinebeck films for this one. Whether he does or not I'm sure he'll have a top rate program scheduled.

#### HELPFUL HINTS:

Here are some tidbits that might make you building easier:

- Make attractively colored nylon propellers by dying with Tintex dye. Myron Cary had a jazzy red, white and blue one at the last meeting. Use masking tape to keep dye off of the unwanted areas.
- Try temporarily installing hinges before final shaping of ailerons, elevators and rudders. Tack glue the surfaces in place and do all sanding with hinges in place. Then break off the surfaces, shape their leading edges and cover. Now install the hinges permanently.
- Did you ever break a prop at a contest and run out of time trying to replace the spinner with your shaky fingers? DON'T GET CAUGHT AGAIN. Use an acorn nut under the spinner cap and then you are legal even if you don't put the spinner back on.
- If you want to keep a crack from getting longer on your favorite plastic ARF, just drill a 1/16" dia. Hole at the end of the crack. This will reduce the stress concentration enough to prevent further cracking. It is still a good idea to fix the crack with some 3M Super Strength Adhesive.
- Ever break a nylon wing bolt? If it broke off flush with the maple mounting block you may wonder how to remove it. Just heat a small screwdriver and push it into the screw. The heat will melt the nylon and provide a slot to remove.
- Use your wife's clothes dryer to exhaust paint fumes and odors from your shop the next time you do some doping in the cellar.

#### WHAT ARE YOU BUILDING?:

Thought you might be interested in knowing what some of the other club members are building this winter.

Here is a list that may be good reference if you are considering a new project.

- George Haddon - A-Ray, kit by Lou Andrews
- Bob Jennings - Mirage, kit by Nick Zioli
- Frank Garger – Cold Duck, RCM plans
- Stan Bogaczyk – Comet II by Lanier, Formula Falcon
- Myron Cary – deBolt Champ, Li'l T glider by Midwest
- Bill Johnson – Canus, AM plans, Formula Falcon
- Ralph Jackson – Windecker Eagle, scale
- Hank Farrell – Quick Fly, PBY scale
- Dick Allen – Thermal Queen Glider- MAN plans
- Dave Reed – Hydroplane "Snoopy"
- Art Riegel – Kaos, scratch build with foam wing, Miss BS – Formula II/FAI racer by PB Products
- Wayne Sitler – Miss BS racer, Kaos, scratch build with foam wing
- Bob Noll – P-51 Formula II/FAI Racer, Miss BS, Minnow – Formula I racer
- Dick Moebus – Das Little Stick, kit by Midwest
- Bill Sebesta – P-51 Formula II/FAI racer

#### AMA NEWS –

Confusion about club FCC licenses:

In the December '71 issue of Flying Models there is a statement which says that the club license is only good at the club field. Not so. What the FCC says is that the license may be used by members only in connection with official club activities under the control and responsibility of the club officers. That doesn't necessarily limit club activities to the club field. The club license can be used anywhere that the club officers authorize it to be used.

The FM information also says that a person with a club license is not authorized to use it at other club contests or other functions that his own club is not sponsoring. Again, not so. If the club authorizes its license to be used by club members at other fields, meets or activities of other clubs, then the license is good for such purposes. The only thing that counts is what the club officers approve for use of its license.

The AGS officers are presently in committee to define the extent of authorized usage of our club license. It is believed that the limits will be broad and include any R/C activity within the limitations defined in Part 19 of the FCC Regulations.

### Indoor Flying – Jim Quinn

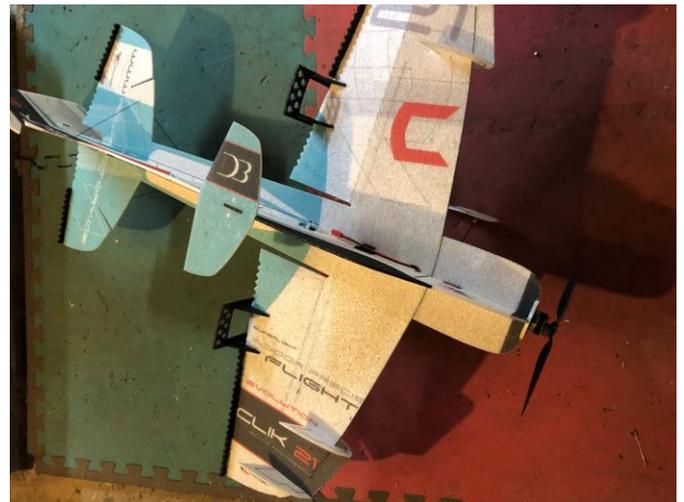
How are your thumbs working? Speaking as a Mode 2 pilot, (you can supply the thumbs/fingers for Modes 1, 3, 4) I've noticed many pilots who have "graduated" from student to solo pilot who think of the left stick (Mode 2 remember) as a take-off and landing stick. Full throttle for takeoff, maybe a little rudder correction, maybe not, and then remember that left stick when you are landing. You might even use a little left stick to taxi back to the pits. Why else would you use that left stick?

When you are indoor flying in a gym the walls and ceiling come up fast. You are using that left stick constantly to manage your altitude. Aileron turns are not always the most useful way to turn. Flat rudder turns are frequently a better option. When the far wall is coming up too fast pulling up elevator into a vertical climb and using rudder for a stall turn when you get near the ceiling as you reduce the throttle to descend with a smooth elevator and throttle to fly in the opposite turn.

If you opt to fly indoors, no matter the size of the facility your left stick (Mode 2 remember) will become your new best friend.

You will also need a different style airplane to fly indoors. Beyond the iconic *VAPOR* there are many other "box" airplanes that are a lot of fun to fly. These airplanes come fully assembled and are ready to fly right out of the box. Twisted Hobbies sells a fun aerobatic airplane, Clik, that requires some "assembly." The Clinks are made of EPP foam and speaking from countless crashes they are very rugged. Most of the box airplanes use a 1S battery while the Clinks use a 2S batteries around 300ma size. Outside, but especially inside, weight is critical.

No matter what your interest is, indoor flying in the winter is great fun and it keeps those thumbs/fingers limber for next summer's flying.



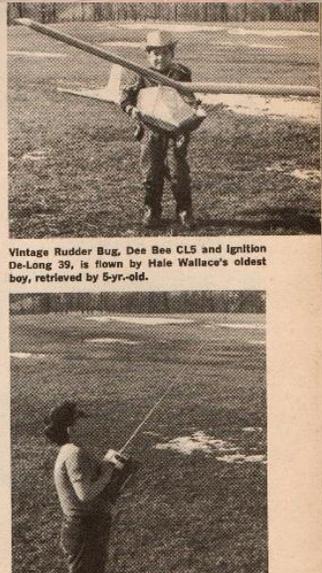
One further comment:

I want to second, third, and fourth Scott Wallace's column in last month's Connector. When my brother, Bill, and I started flying R/C there were no ARFs available. Seeing one of your hand made creations take to the sky (successfully, I might add) is a pure pleasure. Sport Aviation, the Experimental Aviation Association (EAA) ran an article, years ago, about one person's pleasure to fly her homebuilt airplane for the first time. This woman compared that feeling to giving birth to her children. An extreme view? Possibly. Remember the article above when I said, "assembly," not building the Clik. Lanny Noll always referred to the two seasons in an R/Cers life, the flying season, and the building season.

Would the AGS consider a fun fly next summer for ONLY handmade balsa built airplanes? I'd love to CD an event like that.

## Reunited: by Scott Wallace

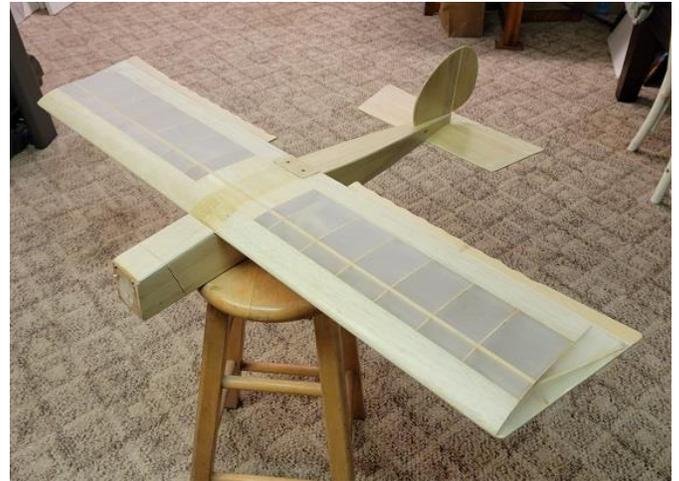
Over 50 years ago, my first RC flights were made with my dad's ancient Walt Good "Rudder Bug" with an equally ancient Dee Bee Quadruplex radio. Recently Bob Noll provided me one of these antique transmitters which I now proudly have on display in my office. I have also scanned proof of me flying from the November 1967 issue of American Aircraft Modeler (a long defunct modelling publication). Shown is me flying with my younger brother Mike on retrieval duty.



## Show & Tell

### Winter Builds: by Scott Wallace

Having already finished a Royal Coachman, next up is this Midwest kit "Das Little Stick" for an OS 25, modified for a tailwheel and a bolt on wing. Small models frame up quickly and mine has been covered with silk and dope, just needs some color and final assembly:



I'm also working along on a Great Planes Trainer 60 from a balsa workbench short kit which should also be completed soon, will use a K&B 61 and I may even monokote this model instead of painting it:



**\*Ed Note: I'm always looking for new material. For those w/out email you can send it to my street address in an envelope. For those w/ email: [takopl297@gmail.com](mailto:takopl297@gmail.com)**

## ***AGS 2022 ACTIVITIES CALENDAR***

<b>ACTIVITY / LOCATION (AGS Field unless specified)</b>	<b>DATE</b>	<b>TIME</b>	<b>CHAIRMAN</b>
New Year's Fly (Ann G. McGuinness Elementary Endicott)	Sat Jan 1 <sup>st</sup>	10-2	Dave Dewey-Wright
AGS Regular Meeting (Tri-Cities Airport)	Mon Jan 10 <sup>th</sup>	6:30 PM	
AGS Regular Meeting (Tri Cities Airport)	Mon Feb 7 <sup>th</sup>	6:30 PM	

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

<b>Event / Location</b>	<b>Date</b>	<b>Contact /Info</b>

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

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

***Happy New Year!***



# January Program

## Early Escapement RC Systems by Bob Noll



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