



# The CONNECTOR

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

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

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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 Dec 5th 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*

I hope everyone had a great Thanksgiving with family and/or friends. As I write this, it's grey out, drizzling rain, cold, and windy. Not ideal flying weather, but good building weather. After I write my article, its back to working on my Jemco .25 size AT-6 Texan.

I've been on touch with both the Binghamton Aeros and the MOB about getting involved with each other's open club events. I'm hoping that as the flying season progresses, the three primary clubs in the area support each other as we try to grow our hobby. Besides, what better way to make things fun again by getting "down off of the hill" and getting involved with the other clubs. I heard back from Tony Jensen of the Aeros and he likes the idea. I'll be sharing with him, as well as Vinny Quartararo from the MOB, the dates of our winter events.

A huge "Thank You" to Brent Bryson for offering to be our club Librarian as well as our new Webmaster. As we discussed at the last meeting, as a club we're going to focus on getting the website updated with current material. Once this is done, we can look into changing up the website appearance. But let's focus on updating it first.

**New Year's Day Fun Fly:** Thanks to Scott Wallace for offering to run our first event of the year! I'm sure he'll have an article in The Connector so I won't steal his thunder.

**Remaining Winter Fly's:** Just a reminder... This year the club has eliminated the need for a \$5 landing fee. So if you decide to host one of the two remaining events and would like to offer food and beverages, you have the option to place a donation can out to help you recover your cost. It's up to you as the host.

**Holiday Party:** Don't forget, instead of a regular club meeting on Monday, December 5th, it's our annual Holiday Party. The club will provide pizza and soda. We ask that each family attending brings a dish to pass which can range from warm food, to salad, to chips. Also, each family should plan on bringing their own cups, dishes, and cutlery.

I look forward to seeing you and your family/significant other at the party!

### **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 Dec Meeting**

Monday Dec 5th  
6:45 PM Endicott Library  
Holiday Party

#### **New Year's Day+1 Fly**

Monday Jan 2nd  
10AM – 1PM  
BC United Soccer Field

#### **AGS Jan Meeting**

Tuesday Jan 3  
6:45 PM Endicott Library

#### **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:**

Stan Driggs (S-Z)

Bill Green

**Past President:** Frank Gioffredo

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**Committee Chairmen:**

**Membership:** Charlie Brown

**Program:** Tom Kopl

**Activities:** Open

**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**

Earlier in the year I reported the demise of Airtronics RC, parent company Sanwa deciding to focus on the surface RC market and no longer offer air systems.

Last month, after 25 years in the business, Aeroworks has closed up shop. Their line of ARF scale aerobatic aircraft was second to none in quality and variety with Yak's, Extra's, Edge 540's and Pitts biplanes among others in sizes from 10cc to 150cc.

Hitting closer to home for me personally as I have flown their equipment for almost 40 years now, Japan Remote (JR) has indicated they have closed their plant in Japan and moved all mfg. to Malaysia. More troubling is they reveal they are devoting their all engineering resources to the industrial drone market in Japan. They'll continue to offer the radios and servos they currently do but will not design any new radio equipment for the foreseeable future. Also, they have left the RC helicopter market totally having once been the leader in helicopter technology having captured many World Championships.

Like me, many modelers like 'new and shiny' toys so no matter how good the current XG8, XG11, XG14 and X28 are, with nothing new on the horizon from JR I only see a continuation of their loss in market share. From 1980 through the early 2000's Futaba and JR ran neck and neck dominating the RC world, how times have changed.

In more industry news, after 20 years Mike McConville has resigned from Horizon Hobbys. Mike designed the vast majority of their aircraft in all sizes so this is a loss for Horizon for sure, at least in the short term. Mike left to pursue an opportunity with Yuneec International, where he will focus his talents to help to build their consumer and commercial drone and aerial photography business.

Finally, the FCC announced it has issued a citation and order to Hobby King USA LLC for marketing radio frequency devices in violation of Commission equipment authorization and labeling rules. More to follow next month as news develops...

Link: [https://apps.fcc.gov/edocs\\_public/att...-16-1290A1.pdf](https://apps.fcc.gov/edocs_public/att...-16-1290A1.pdf)

**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

## **AGS General Membership Meeting Minutes**

### **Aeroguidance Society Meeting # 828**

Date: Nov 7, 2016

Place: Endicott Library

President Rick Allabaugh called the meeting to order.

Guests: Chris Morgan and Jerry Wright, both new associate members.

The minutes as published in the Connector were approved.

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

Ray Phillips gave the BOD meeting minutes from the 12 Oct 2016 meeting.

#### **Committee reports**

Memberships, Charlie Brown, 15 members still have to pay dues for the 2016-2017 seasons.

Program, Tom Kopl has programs for the next 3 meetings.

Field, Todd Kopl the field winterization is complete and equipment winterized.

#### **Open positions**

Webmaster, we need someone to take this position.  
Winter Fly activities, we need 3 hosts for winter events.  
Historian, this position is open.  
Public Relations, most likely will be eliminated.

#### **Old Business**

No new field damage has been reported.  
Phone number for BGM weather has been posted in the Connector.  
A big thank you to Jim Monaco for locating replacement work bench spools.  
Moving of club items from Delta Eng. to Bob Noll's house will be completed soon.

#### **New Business**

Bill Green is the club contact for AGS cups and decals for purchase. Bill will also host the AGS holiday party on 5 Dec 2016.

Frank Gioffredo had several boxes of RC hobby items for sale from Dave Lewis.

Rick reminded the members to bring issues and concerns to the BOD meeting for action and resolution.

We are looking for suggestion for AGS field improvements. Pass your ideas to a BOD member.

Tony Cammarata expressed a concern about the potential for people hunting on the AGS property. We have no clear resolution other than to use care if you notice hunters in the area. Many of the hunters are non AGS members. The BOD will follow up.

The Jan 2017 AGS meeting will be held at the Endicott Library on Tuesday Jan 3, 2017. We need to move this meeting from Monday due to the library being closed and scheduling problems.

#### **Show and Tell**

Jeff Hatton displayed his new BJ Craft "Bi Side" competition biplane. Electric power, fiberglass fuselage and balsa wings.

Bill Green displayed his Sea Wind seaplane. Electric power and all foam construction.

#### **Program**

Brent Bryson gave a presentation on Diesel Engines. Several advantages over glow engines; No glow plug to burn out, more low end torque to swing bigger props, quieter than conventional glow, no starter battery or starter required and they run cooler.

Several disadvantages over glow engines; they are heavier, more adjustments for tuning, parts are hard to find, special fuel is required and the fuel has a lasting aroma. They can be hard to start (Ray Phillips).....

These engines were popular after WWII in Europe. The fuel is equal parts of Castor oil, Kerosene and ether. Davis Diesel manufactures conversion kits in the USA for many engine sizes and brands.

**Respectfully submitted - Ray Phillips AGS Secretary**

## AGS 2017 New Year's Day+1 Fly – submitted by Scott Wallace

Our first outdoor flying event for 2017 will be here before you know it. Traditionally the event is the “New Year's Day Fly” but for 2017 with New Year's Day falling on a Sunday we will hold the event on **Monday, Jan 2<sup>nd</sup>**.

This is a no frills flying & socializing event, bring an airplane or two and thermos filled with a hot beverage of your choice and c'mon out to celebrate the New Year with your fellow AGS members.

- When: Jan 2nd, 2017 from 10:00 AM -1:00 PM
- Where: BC United Soccer fields, West Corners
- AMA required
- No cost to participate

Be ready for any weather, seems we never know until a day or so before if we'll need skis, wheels, or maybe pontoons for our models!

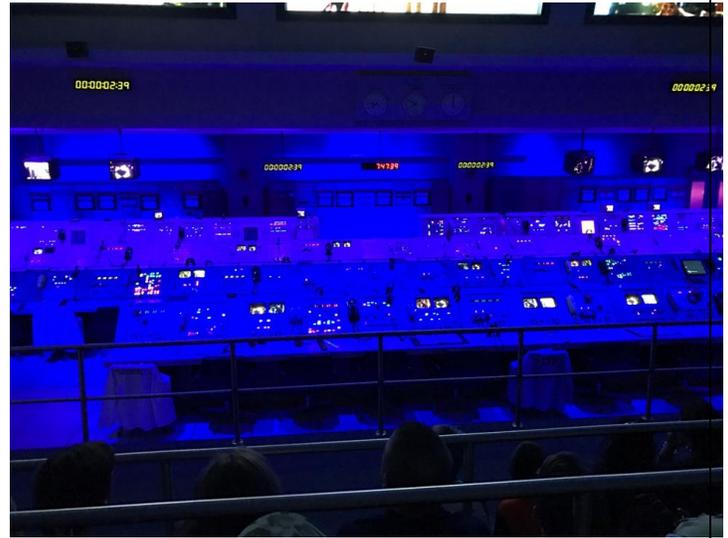
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## November AGS Field Report – submitted by Todd Kopl

I'd like to thank everyone that showed up for field winterizing this year...great turnout, decent weather, and I would say everything was accomplished within the scheduled time. Regretfully I failed to capture any photos. I did make a list of items that need attention but will address that as we get closer to field opening in the spring.

## I hope everyone had a great Thanksgiving and has a Happy Holiday Season!

Next are a few pics from my family's Thanksgiving vacation (don't think National Lampoon made that one yet but we could have) from Kennedy Space Center. If you have not been there I highly recommend it and no, although I would have been ok with it we did not spend the entire vacation there...



*Actual launch control room for Apollo...note the IBM lab coat on right*



*Saturn 5 'business end'. This rocket makes the Redstone look like an Estes model!*

-Todd

## WingInIt with Warbird – submitted by Charlie Brown

Hello pilots, welcome back and hope that you got a couple moments this month in your busy schedules to have some fun with your birds before the cold truth of reality hit with the first major snow of the year. I believe the flying time is mostly all gone, but in retrospect it was a very good year.

I managed to get 6 more sorties in 2 days before the snow by playing with the Quantum bomb drop on the Stuka and pock marking the N/S runway with baby powder splash marks. Because I'm pretty assured that the rest of the year is done for 1/8 scale warbirds to be flying off lumpy ground so those last flights brought my year-end total sorties to 343.

In doing my tally from the flight log I was curious to see how that compared to last year. While doing this number crunching I uncovered that I had really botched up the count for last year by including the prior year's number in the total so that the 420 that I reported to you all in my October 2015 Connector WWW article should have really been 368. I was like damn.....I flew less than last year?!! But then I remembered the separate log for maidens and as I reported to you guys last month the count on that was 25. Well can you believe that.....add 25 to 343 and I get 368.....so I actually tied last year's number.....that is just crazy but I'll take it. So as I said, it was a very good year for flying.

So back in one of the last Show N Tells our resident guru of FliteTest Dollar Tree foam aircraft showed us some neat aircraft that he has been amassing his fleet with. Well I got to see first-hand a couple weeks ago one of the Ron Sprague creations fly. It was a full bodied Chipmunk with full airfoil wings in about a 3-4 ft span. He tore the sky up with speed and high G maneuvers that I thought for sure were going to fold a wing.

I was so impressed with his creation that he inspired me to do my first scratch build in 40 years but now using the newer tech medium of foam versus balsa. I had sent a couple "skunk works" pics (to plagiarize Scott Wallace's expression) to him earlier of the progress I had got with it. So he'll include them in this writing to let you see my before painting progress. I plan to have it all spit n shined for the next Show N Tell in January and provide the "what for alls" (specs) at that time.



That's all I have this month so I hope others write in to tell us what is tickling their fancy in order to keep the youngster in them alive.

Long live the child in every one of us,  
Warbird

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## Indoor RC Flying – submitted by Jim Quinn

If the snow and the cold are keeping you from flying this winter, consider flying indoors. Athens, PA's Middle School hosts indoor flying sessions on the 2nd and 4th Tuesday evenings of the month from October through March. Dan Luchaco, a great friend of the AGS, coordinates these flying sessions. They are two hour sessions from 7:00 to 9:00. Indoor flying sessions always have warm temperatures and very, very light winds.

There are a lot of easy to fly boxed airplanes to choose from. They are mostly bind BNF with Spektrum

transmitters. Most of these airplanes are three channel. Many of us put the rudder on the aileron stick and some of us mix 100% aileron and rudder channels so either stick turns the airplane.

Twisted Hobbies has a variety of indoor “super-lite” kits that build into very nice flying airplanes if you want more performance than the BNF box airplanes give.

Here are three easy choices for a reference. The Vapor is a long standing favorite for very light and very slow flying. The Vapor even has an FPV version currently available! The Champ is a gym favorite of many pilots. For more aerobatic performance the Clik from Twisted Hobbies is a great choice.



Most of all, however, indoor flying is fun. A serious question for all of us is how much do you fly with your throttle and/or rudder? Rudder you ask? Isn't that only used for ground steering? Flying indoor airplanes will make you a better pilot in general and really teach you about using your rudder and throttle.

If you don't have an indoor airplane, but are interested give me a call and I'd be glad to give you a ride and let you fly some of my indoor airplanes. You'll really enjoy it.

For the ultimate indoor flying experience, go to Schenectady on Wednesday afternoons from 1:00 to 4:00 at the Armory. It is huge and a blast to fly there. Once I saw two 6 foot Radians flying at the same time!

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If you are looking for ultimate performance and cost is not a factor you could build something like the plane below. The cost would be \$500.00 to \$1,000.00. They are so fragile that a transportation box is a must to carry them from your car to the gym. My best Clik is 120grams; these high performance airplanes are usually around 50 grams.

## Winter builds part one – submitted by Scott Wallace

Fist photo is my Bridi Aircruiser, ready for paint...and it will likely stay just like this until April. I wanted to have this finished and test flown before we winterized the field but was not to be. Very light-should be a great flier.



In the background are the wing and various bits of a 1956 deBolt Equalizer that I'm scratch building. With a symmetrical airfoil and rudder, throttle, and elevator controls (as opposed to rudder only) this was a very advanced model for its time. My example should be done by late spring and will be flown at VRCS meets in 2017.

The photo below shows the bones of my Sig Astro Hog. This was never a model I wanted to build but since it is the VRCS 'theme model' for 2017 I gave in... This is an old school Sig kit, lots of lumber and lots of work! The wing is mostly 3/32" oak near as I can tell. Despite all that, for many years the Astro Hog has had a reputation as a great flying sport model. I remain skeptical but we shall see.



Last photo for now is of a new Twisted Hobbies SU-29 super Lite series model. I built one a few years ago and had fun flying indoors and outdoors on those rare no wind evenings, but after a few years it was getting pretty ratty. Now a fresh, new version is ready for this winter's indoor season. Transmitter is my early Christmas present, a JR XG11 DMSS system.



Be sure to check out Jim Quinn's article on Indoor flying and come join the fun this winter. I have posted the Sayre Indoor schedule on the next page, be aware with the Christmas Holidays there's only one session in December.

## **AGS CLUB ACTIVITIES FOR 2017**

<b>ACTIVITY / LOCATION (AGS Field unless specified)</b>	<b>DATE</b>	<b>CHAIRMAN</b>
AGS New Year's Day+1 Fly BC United	Jan 2 <sup>nd</sup> 10:00AM – 1:00PM	Scott Wallace
AGS Winter Fly BC United	TBD	TBD
AGS Spring Fling BC United	TBD	TBD

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

<b>Event / Location</b>	<b>Date</b>	<b>Contact / Info</b>
Indoor Flying Sayre, PA	Dec 13 7PM - 9PM	Dan Luchaco pafflyer23@gmail.com
Indoor Flying Sayre, PA	Jan 10 7PM - 9PM	Dan Luchaco pafflyer23@gmail.com
Indoor Flying Sayre, PA	Jan 24 7PM - 9PM	Dan Luchaco pafflyer23@gmail.com
Indoor Flying Sayre, PA	Feb 14 7PM - 9PM	Dan Luchaco pafflyer23@gmail.com
Indoor Flying Sayre, PA	Feb 28 7PM - 9PM	Dan Luchaco pafflyer23@gmail.com
Indoor Flying Sayre, PA	Mar 14 7PM - 9PM	Dan Luchaco pafflyer23@gmail.com
Indoor Flying Sayre, PA	Mar 28 7PM - 9PM	Dan Luchaco pafflyer23@gmail.com
WRAMS Show Secaucus, NJ	TBD	TBD

**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.**

# DECEMBER PROGRAM



## *Holiday Party*



AEROGUIDANCE SOCIETY, INC.  
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