



The CONNECTOR

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

www.agsny.org

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

THE NEXT AGS MEETING WILL BE ON Monday Sept 12th 6:45 P.M at the Endicott Library

Changes to time or location will be noted in this newsletter

The Prez Sez

Submitted by Frank Gioffredo

Wow, this summer sure has flown by, no pun intended. A lot of heat, and a lot of work, but not enough time for flying.

Well as some already know, I will not be leaving the area any time soon. The cost of housing more than exceeds the increase in pay I would have gotten by moving to Virginia, So here I stay.

Thanks to Jeff Hatton for taking the reins on the pattern contest. Another year is in the books. Well done to everyone that helped to make this year successful, along with some great weather and some good word of mouth advertising by Mark Hunt and Anthony Romano. Our event turned out 21 competitors counting a few of our own. Stan Driggs gets a special kudos for his attempt at competing. Nice job Stan!!! I don't want to steal all Jeff's thunder so enough from me on this.

I also got to get up to the Vintage Reunion Saturday and missed lunch by a few minutes but got to keep Mark's baked beans (man they are good). Got recruited to do a little judging as Scott Wallace had to leave. Finished the judging, time to fly. Took my trusty Bard/Merithew Druine Turbulent to the flight line. Had a little running issue easily cleared up by flushing the needle valve. Into the air and something seems amiss, elevator is not responding correctly, landed checked throws- odd more down than up, adjusted throw ATV. Took off again still not feeling right. Landed safely looking thing over could not see the problem.

Started to clean up the plane, sprayed some cleaner on the tail and started wiping off the oil and dirt. Problem was suddenly obvious when the control horn dropped away from the elevator. It would have been a real tragedy to lose this plane as it is a true one of a kind and has fast become one of my favorite flying things. The construction is awesome and very visible through the transparent covering.

[Editor's Note: Frank's article continues on Page 3](#)

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 Sept Meeting

Monday Sept 12th
6:45 PM Endicott Library

AGS Float Fly

Sat & Sun Oct 1-2
10:00 - 5:00
Greenwood Park

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

AGS Officers:

President: Frank Gioffredo (A-C)

Vice President: Charlie Brown (D-H)

Secretary: Ray Phillips (I-L)

Treasurer: Bob Jennings (M-R)

Board Members at Large:

Tom Kopl (S-Z)

Stan Driggs

Past President: Rick Allabaugh

Committee Chairmen:

Membership: Charlie Brown

Program: Tom Kopl

Activities: Open

Field: Todd Kopl

Historian: Don Green

Public Relations: Open

Sound: Scott Wallace

Safety: Frank Gioffredo

Librarian: Rick Allabaugh

Webmaster: Brent Bryson/Jeff Hatton

Newsletter Editor: Scott Wallace

Editorial – submitted by Scott Wallace

Had a great time at the 4th annual Hal deBolt In-Memorial VRCS fly-in on July 30, hosted by the Rochester RC Club. CD Jim Capuano did an excellent job running his first event, having taken over the reins for this meet from Beppe Fascione. Excellent flying facility at Hasman field and the RCCR club couldn't be nicer, no entry fee and a great lunch provided to flyers at no charge. All vintage RC models were welcomed but here's a shot of the deBolt designs that were flown.



Fall is right around the corner but I'm hoping I can get in more flying time between now and field winterizing. I admit I've fallen short of my goal of flying more this year... I started the season with 6 gallons of glow fuel and still have 4.5 gallons left, not good! I'm a bit jealous of the retired guys in the club for sure. I've also read we're in for a tough winter so field opening 2017 may be later than usual. More time to build I suppose.

Last month I mentioned I needed a "beater" plane for our off site flying events and/or for those very windy days where I wouldn't risk flying something else. I've finished framing up my choice for this purpose, a Bridi Aircruiser 60. I'll try to get this covered, painted and test flown before we close the field but that's a tall order for sure. I've lost track but this must be model 7 or 8 that I've built in past 12 months.

For my winter projects I'm definitely slowing down this year. I have lots of kits to choose from, a few scratch build projects I want to do, or I could even finish one of the started airframes stashed up in the attic! And the winner is... the Sig Astro Hog, only because I have a sweet running 4 stroke engine just waiting for an airframe and this model is perfect.

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

The Astro Hog also happens to be the VRCS theme model for 2017 but other than using conventional landing gear instead of the kit's tricycle gear I won't attempt to modify the Sig kit to better resemble the late 1950's Berkeley version so for me this is just going to be a relaxing sport model. Sig kits, especially older ones like this, tend to be very labor intensive so this one will take a while.

There's an important election coming up soon, no not *that* one, the one for the next AMA president. Ray sent out the candidates statements recently, please read them and VOTE.

Very happy to report the AGS Float Fly is back – thank you to Don Shugard – see details on this page.

AGS General Membership Meeting Minutes

Aeroguidance Society Meeting # 825

Date: August 1, 2016

Place: AGS Field

This meeting was the AGS family dish to pass picnic. Approximately 25 people attended under very unsettling weather conditions. The entire day was one thunderstorm and rain shower after another. These storms were localized and frequent. This made our host, Stan Driggs, job more stressful than fun. But, Stan made the call to “go for it” and be prepared for anything.

When we arrived the equipment was removed from the tractor shed and the tables were moved inside. The serving table was being filled with member dishes and the main dish from Phil's Chicken House. There was even a camping lantern hanging on the wall too add atmosphere.

It has been said before; you don't know what the weather is like at the field unless you go to the field. Well, this was certainly the case for this evening. With the exception of only one very brief and light shower, the entire evening was rain free and very pleasant. Everyone had a good time with plenty to eat. As the evening progressed, the weather continued to improve. Members build a camp fire and set up chairs to enjoy some fire side stories and time to catch up with other members and their families.

No business was conducted, just time to enjoy everyone's company.

Respectfully submitted - Ray Phillips AGS Secretary

August AGS Field Report – submitted by Todd Kopl

Well it doesn't seem possible another summer is winding down and the kids are headed back to school. The field is in beautiful shape thanks to some much needed moisture and the extra attention for the annual pattern contest.

It's a little too early to talk about field winterizing and I'll save that topic for next month.

From an equipment standpoint the only reported issue I've heard in the last month was related to the ExMark and I believe it is operational with parts on order for a proper repair.

If anyone experiences issues with equipment please let myself (takopl297@gmail.com) and Frank know ASAP and don't forget to turn in any gas receipts to the treasurer (Bob Jennings).

This is the remaining mowing list for the year:

MOWING LIST 2016				
Dates				
9/8-9/10	Charlie	Brown	Ray	Phillips
9/15-9/17	Jim	Quinn	Nick	Orwan
9/22-9/24	Scott	Wallace	Scott	Sinnett
9/29-10/1	Harold	Peeling	Stan	Driggs
10/6-10/8	Rick	Allabaugh	Neil	Hunt
10/13-10/15	Tom	Kopl	John	Carril

Mowing Crews (drivers and helpers) are responsible for switching dates with others if they are unable to work on their scheduled date(s). Please keep me informed of any switches in crews.

The Prez Sez - Continued

I will make the necessary repairs and improvements to make her airworthy again. So if you come across this type of issue with your aircraft take the time to land safely and inspect (very thoroughly) the control in question. I am very thankful I did not lose the plane to faulty controls.

The Budget has been put together and sent to all members via E-mail please review and bring your questions to the September meeting. Bob Jennings has put together a great breakdown of where our funds go. Ray sent them out on August 10, 2016. So please check it over.

Don Shugard has offered to CD the float fly for us, October 1-2 at Greenwood Park. Please give Don our full club support. I am sure he will have more details in this issue.

One more thing we will need to vote on new officers at October's meeting. Rick Allabaugh has been canvassing for new officers with little luck. This creates a big problem as we have 3 of the 4 primary officers terming out. I see little option to fix this. We either have members step up and fill the positions or we change our by-laws to extend the terms of officers from two years to something longer. Many groups do have longer terms for officers. I will be proposing a change to By-Laws article VI Officers sub article A. elsewhere in the newsletter.

Tip for foam models – submitted by Bob Noll

This comes from the VRCS Yahoo group, as many of our members are building/flying foam aircraft these days this may be of interest. Back some time ago a VRCS member built a Midwest foam airplane and painted it with a water based paint called “Varathane” made by the Flecto Company. Oakland, California. This paint is thinned with water to make it thin enough to spray with an airbrush. It does not dissolve foam; it is very glossy and very fuel proof.

AGS Pylon Racing Report – submitted by Brent Bryson

The pylon season has come to an end for 2016. Between weather, equipment problems, and staff and racers scheduling conflicts, this was a rather short season. We are fortunate to have dedicated helpers that made the races that we had possible. Thank you to all of the helpers that make the races possible.

I will be scheduling the Thank You dinner for the helpers in the near future.

AGS Pylon Racing 2016 Final Standings		
Place	Pilot	Points
1	Todd Kopl	22
2	Bob Noll	18
2	Brent Bryson	18
4	Frank Gioffredo	10

The return of the AGS Float Fly – submitted by Don Shugard

AGS Float Fly
Saturday and Sunday 10/1 - 10/2
Greenwood Park, Lisle NY

No Frills Float Fly:

Flying from 10:00 am to 5:00 pm
Landing Fees - \$5 for 1 day, \$8 for 2 days.
Bring your own lunch
No prizes
Lake, beach and rowboat provided
Rest room facilities will be open
Camping by permit - contact the Broome County Parks at (607) 778-2193

Come out and enjoy the flying, camaraderie, lake and fall foliage at Greenwood Park in Lisle NY.

Contact Don Shugard (607) 217-5105 with any questions.

By-Laws change proposal - submitted by AGS Board of Directors (09/06/2016)

As it states currently: Article VI OFFICERS

- A. All officers of the AGS shall serve for (1) dues year (see Article IX) and are limited to Two (2) consecutive terms in the same office.

Proposed change to: Article VI OFFICERS

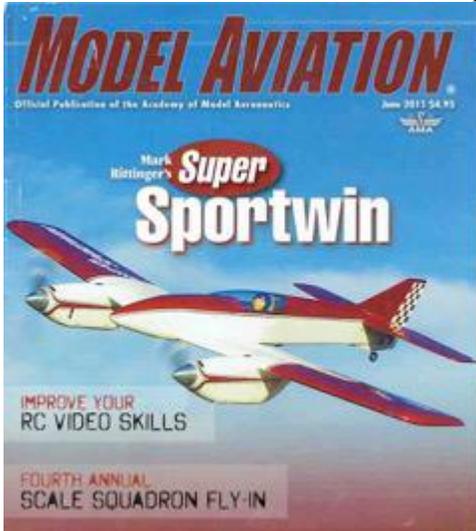
- A. All officers of the AGS shall serve for (1) dues year (see Article IX) and are limited to FOUR (4) consecutive terms in the same office. The AGS goal being that we replace at least 50 % of the Board of Directors every two (2) years

AGS Members builder's log book:

Tom Kopl reports that he's assembled his Sport Cub and programmed his new Spektrum DX6 transmitter for the model. Todd Kopl made a successful test flight at the last pylon race.

Next up is a neat article submitted by Don Shugard detailing his latest project:

When I received my June 2011 Model Aviation, I quickly turned to Mark Rittinger's Super Sportwin construction article and ordered a set of plans.



Life has been a little busy over the past 5 years but this past winter I decided to build the Super Sportwin. A couple of quick google searches turned up a build thread on RCGroups.com. This post by Mark says it all:

For all those that have been wishing for a kit of my Super Sportwin published in Model Aviation magazine, they are now available from Charlie at Manzano, www.manzanolaser.com

These are short kits, all laser cut parts, no strip wood or wing sheeting. You must get the plans from Model Aviation, http://www.modelaircraft.org/plans/11_PLANS_LIST.aspx.

Wing cores (sheeted or unsheeted) are available from Bob Hunt, robinhunt@rcn.com
Good luck and keep us posted on your builds!
Mark Rittinger

After watching a couple of you tube videos, I picked up the short kit, a set of unsheeted cores from Bob Hunt, and some balsa from National Balsa and I was on my way! My Modifications:

I added a 1/8" plywood wing joiner from nacelle to nacelle. A servo per aileron is mounted in the nacelles. A servo per aileron allows for the usage of flaperons for landing. The cooling exhaust ports were enlarged in the nacelles. The rudder was enlarged incorporating the little stab pieces from above and below the rudder shown on the plans. The tops and bottoms of the nacelles are removable. Hard points were installed in the elevator, rudder and ailerons for 6-32 machine screw control horns. The Robart retracts were drilled out to accept 5/32 landing gear. The landing gear was bent by hand using left and right coils. Hacker A30-12M V3 motors are mounted in the nacelles. The power plant is completed with Tru-Turn Turbo cooled spinners, Castle Thunder Bird 36 Amp ESCs, Arm Safe arming plug and a single 5000 mAh 20C 3 cell Zippy LIPO. The Hackers draw ~62 amps with 8x6 APC propellers giving ~700 watts of input power on a 4.8 pound airplane.

The receiver is installed on top of the wing so only the rudder and elevator servos and a single battery lead to the Arm Safe need to be disconnected to remove the fuse. The wiring for the throttles, battery, ailerons and retracts stay with the wing. In retrospect there is enough room to fit side by side servos mounted in the wing to control the original torque rod ailerons. The rudder and elevator servos can be mounted in the fuse behind the wing.

This was the first time I used ZAP Z Poxy finishing resin for skinning the wings and applying fiberglass cloth. What a nice product to work with. It is thin, applies with a credit card spreader and sands easily. Here are a couple of photos of what I have been flying:





The SST still needs a little more trim applied. Metallic blue, teal, and white Monokote have been used so far.

I have a little enrichment puzzle for you. On the first flights making a coordinated right turn was an adventure. The effects of torque on multi engine/motor aircraft has been discussed at length

for full size and model aircraft. Some say there is no effect while others champion reversing the rotation direction of one of the motors. While it is easy to reverse the rotation of the electric motors what do you do for the prop? Do you put a normal prop on backwards? Do you reverse a pusher prop? Or something else? I'll tell you next month what I found out playing with motor rotation and 8x6 APC electric props.

AGS CLUB ACTIVITIES FOR 2016

ACTIVITY / LOCATION (AGS Field unless specified)	DATE	CHAIRMAN
AGS Float Fly Greenwood Park, Lisle NY	Oct 1-2	Don Shugard
Field Winterizing	TBD	Todd Kopl

Other nearby RC events of interest

Event / Location	Date	Contact / Info
NEAT Fair 2016 Downsville, NY	Sept 15-18	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 for inclusion in the next edition of The Connector.

SEPTEMBER PROGRAM



None



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