



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 APRIL AGS MEETING IS CANCELLED DUE TO COVID-19

Changes to time or location will be noted in this newsletter

Vice Prez Sez – Jeff Hatton

The April meeting will not be held, if you have any business items for the board please send them to a board member. Since there is no meeting, I have completed the airframe work on the extra and when we are able to get back together, we will be going through balancing and setting up the radio for the initial flight.

Membership Matters - Bob Noll

We had two visitors attend our March meeting. This was Pete Slack's second meeting. Pete lives in Conklin and attended to get some assistance in transmitter programming from Ray Phillips. Mike Mauersberg lives in Barton and learned about the club by going to our web site and contacting me. Mike has been running RC cars and boats and decided it is time to go "3 dimensional".

As your Membership Chairman I recently updated the AMA Club Roster for our club. I made some additions and some deletions which was a simple task. That roster shows each members AMA expiration date along with a few other items. I was very pleased to see that only one member has not renewed their AMA license for 2020. Congratulations! I also maintain the AGS data base. The roster that is on our web site is from that database. PLEASE GO TO THAT WEB SITE ROSTER AND CHECK THE E-MAIL ADDRESS SHOWN FOR YOU. If it is not correct, please send your correct e-mail address to me at bobrc@aol.com.

Up-Coming Events

AGS April Meeting Cancelled

Field Opening
Saturday May 2
10:00 AM
AGS Field

AGS May Meeting
Monday May 4
6:30 PM
AGS Field

AGS Pylon Race #1
Wednesday May 20
6:00 PM
AGS Field

[For AGS field current weather info contact: BGM Automated Terminal Information System \(ATIS\) 607-729-8335](#)

Editor's note: David Dewey-Wright is the new Activities Chairman. Thank you for stepping up!

We still need someone to run the float fly in September – Don Shugard previously stated he is willing to provide guidance to new person.

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

AGS Officers:

President: Open (A-C)

Vice President: Jeff Hatton (D-H)

Secretary: Rick Allabaugh (I-L)

Treasurer: Bob Jennings (M-R)

Board Members at Large:

1) Jim Monaco (S-Z)

2) Dave A. Smith

Past President: Rick Allabaugh

Committee Chairmen:

Membership: Bob Noll

Activities: David Dewey-Wright

Program: Tom Kopl

Field: Bill Green

Historian: Bob Hoag

Safety: Chris Goffa

Webmaster: Don Shugard

Newsletter Editor: Todd Kopl

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

Editorial – Submitted by Todd Kopl

I hope everyone is staying safe & healthy during this COVID-19 pandemic and a big shout out to anyone that has someone in health care fighting on the front lines (my wife is one of them).

Pylon Racing – Matt & Todd Kopl

Pylon racing is alive and well and the season will kick off on Wednesday May 20th (see activities calendar for all dates). Matt & I will be running the actual races, Bob Noll will be recruiting the help, and Bret Bryson will perform the most important duty-hot dog chef! Bob passed around a sign-up sheet for help at the last meeting. If you missed it and would like to participate please contact Bob, myself, or Matt (flyer or helper...all welcome)

AGS General Membership Meeting

AGS General Meeting Minutes
Club Meeting #867
3/2/2020
Vestal Public Library

Meeting called to Order by acting President Jeff Hatton at 6:30 PM.

Present were 18 members and 2 guests (Peter Slack and Mike Mauersberg).

This was Pete's second attendance at a club meeting and Mike's first. Pete thanked Ray Phillips for helping him set up his plane at a previous meeting. The plane has since flown successfully. Mike is interested in getting into the hobby and stopped by to see what our club is all about.

Treasurer's Report: Bob Jennings

Bob gave an overview of our current income, expenses, and account balances. If you have any questions, please contact Bob.

Review of Board of Director's Minutes: Rick Allabaugh
Rick gave an overview of the February BOD Meeting. Minutes will be sent to the Webmaster so they can be published on our web site.

Field Update (Bill Green):

- Bill had recently tried to gain access to the field. There is still approximately 3-4" of snow at turn #1 making it not drivable. Please wait until Bill says it's safe and accessible to get up there before setting out on your own.
- Bill thanked those who mowed this past season. People took care when they mowed and there was no damage to the field.
- This past season, a club member noticed bees by the Port-a-Jon. They were taken care off. However, they can always return. If you notice bee's nests, alert Bill.
- When mowing, if you notice grass clippings clumping up when discharging, let Bill know.
- This upcoming season, Bill will coordinate cleaning of the Port-a -Jon. This way, there will be one point of contact between the club and the Tioga County Sanitary Service. The existing "signage" in the Port-a-Jon will be removed with Tioga's contact number and be replaced with a sign to notify Bill when the unit needs to be pumped out.

New Business:

- The club will be updating the existing field rules to include a field diagram. The intent is to have the diagram match the AMA definitions of spectator area, pit area, taxiway, runway, etc. At the meeting, Jeff Hatton presented a preliminary graphic of the change. It will be a good tool for explaining our field layout to new, and existing, members.
- We reviewed our current Website. The club thanked Don Shugard for the effort he has made to date to improve our website. If you have any comments or recommendations, please forward onto Don.
 - Working on getting the Activities calendar updated with events and dates.
 - The club needs to have a back-up plan to replace Don as webmaster. Don had graciously agreed to do it one more year even though he has moved out of state and has resigned from the club. We need a club member to volunteer.
- Ray Philips informed the club that when we winterize the field, we need to make sure the AGS sign at the entrance to our field stays up. This sign lists our 9-1-1 information.

Old Business:

- 1) Learn to fly Program: The AGS is still waiting to hear if we will be awarded any funding from the AMA TAG program.
- 2) Bob Noll discussed Horizon Hobby's Flight School RC Flight Training and the Coach role. Currently, Bob is the only Coach listed in this area.
 - a) Bob Noll noted that Small Addictions RC in Chenango Bridge sells Horizon Hobby Trainers that are required to be bought in order to participate in the program.
- 3) Todd Kopl brought in a Hobbico Superstar MKII, which was a former club that the BOD would like to sell. Todd is asking for \$100 and comes ready to fly with glow engine, receiver, servos, and radio. The battery pack will need to be replaced. Contact Todd if you are interested in purchasing.
- 4) FAA Update (Ray Phillips):
 - a) Ray gave an update on an FAA article which appeared in Sport Aviation which is an Experimental Aircraft Association (EAA) publication.
 - b) Ray attended a meeting at the Rochester Flight Standards District Office (FSDO). A few items to note:
 - i.) The head of the air Traffic control in Syracuse was a guest speaker. He indicated that currently, there is a 20-mile radius around Syracuse designated as a UAS fly zone.
 - ii.) Syracuse is working closely with Griffis AFB in Rome, NY and both use LAANC which allows increased access for drone pilots into controlled airspace.
 - iii.) They find that talking person to person before flying is helpful.
 - iv.) There have been no LAANC requests from RC Hobbyists.
 - c) Ray noted that there were two (2) sightings in Cortland noted by full scale pilots. One was at 8,000 ft. and the other at 10,000 ft. Both pilots identified a red colored drone.
 - d) Ray did discuss with the Rochester FSDO the club's Learn to Fly program and our collection of money which goes towards the flier's membership should they want to join. The FAA considers commercial operation when money is exchanging hands. Therefore, we need to get the money off the field during the Learn to Fly program. The FAA understands clubs charge

dues (this is what the FAA considers “sharing” expenses), we can charge these people dues; just don’t pay the money at the field. The FAA’s perception of last year’s program is these are not club members and they are paying for instruction when they come to the field. This is what needs to change. The FSDO considers this payment in violation of the current regulations. This will be discussed and reviewed by the BOD prior to the upcoming flying season.

- e) We currently fly under FAR Part 101 Subpart E (Special Rule for Certain Model Airplanes). This is being eliminated. It will be most likely replaced by a section in FAR Part 107 with a better definition of commercial and recreational operations.
- 5) Bob Ayres thanked the club for the sympathy card sent to him.
- 6) For those not aware already, Dick Allen has passed away. Ray has ordered the plaque that will be installed under the Flyer’s Pavilion once the field is opened.
- 7) Todd and Matt Kopl will be running this year’s pylon racing. Bob Noll will be assisting them in getting helpers for the racing. Bob sent around a sign in sheet to identify pilots and helpers.

Show and Tell:

Bob Noll: Brought in a very small and compact Vapor assembly which contained the receiver, 2 servos, and speed controller, lead for battery and lead for motor. He will be using it in a project he is working on which needs a compact assembly such as this.

Program:

Jeff Hatton gave a presentation on how to install the horizontal stab, landing gear, and rudder on the Extreme Flight 60” Extra 300 EXP V2. NOTE: This program was Part 3 of a video series that Dave Smith and Jeff are doing.

Meeting was adjourned at 7:51 PM.

Field – Bill Green

Bill has reported the field is already in very good condition (for early spring...) Field opening tentatively scheduled for May 2 in accordance with COVID-19 social distance guidelines.

Upcoming mowing assignments:

MOWING LIST 2020				
Dates				
5/7-5/9	Bill	Green	Jim	Monoco
5/14-5/16	Todd	Kopl	Matt	Kopl
5/21-5/23	Chris	Goffa	Ron	Sprague
5/28-5/30	Brent	Bryson	Rick	Allabaugh
6/4-6/6	Charlie	Hatton	Jeff	Hatton

DID YOU KNOW - by Bob Noll

Besides precision aerobatic flying, pylon racing was also in the DNA of the AGS. Pylon racing has deep roots within the AGS, starting in the sixties and continuing for over fifty years. Originally RC pylon racing was flown, one plane at a time, against the clock. Planes were powered by .19 cu. in. engines and the most popular designs were deltas. Pylon was flown as part of our famous pattern contests.

In the late sixties, a separate two-days sanctioned event for pylon was initiated. This was done when Formula I and Formula II became popular as several pylon racing circuits were formed around the country. It is believed that the AGS was the first club in the northeast to hold a two-day contest exclusively for pylon racing. Prior to that pylon was included with pattern. Formula I planes were powered by .40 cu. in. engines, 450 sq. in wing area and had to be a semi-scale representation of a full size Formula I plane. Formula II planes had 600 sq. in. wing area and became popular with newer pilots since top speed was a bit slower than Formula I planes and they could be landed at slower speeds. Formula II planes also used .40 cu. in. engines.

1/2A pylon racing became popular in the AGS and so 1/2A races were flown into the seventies. A fixed design class was flown using the Carl Goldberg Junior Falcon and we called this event Formula Falcon. Only rudder and elevator controls were used with power from a Cox QZ .049 and later from a Cox TD .049.

In the seventies Quickee 500 pylon racing was invented and the club decided to replace the Jr. Falcon for their intra-club races. The OS .40FP engine was used along with an APC 9x7 prop to keep all of the planes at nearly the same speed. The intent of this was to emphasize flying skills over engine performance.

Club interest in this type of racing grew and the Southern Tier Racing Circuit (STRC) was formed in the nineties. STRC member clubs were the Valley R/C Club of Sayre, PA and the Modelers of Binghamton, NY and of course the AGS. The AGS pilots dominated these races and so the other clubs lost interest. Too bad!

Several AGS members raced at the AMA Nationals. I raced in Formula I and II as well as Quicke 500. Dick Allen and Ralph Jackson raced in Formula II. My greatest achievement in pylon racing was when I won the 1968 National Miniature Pylon Racing Association (NMPRA) season championship in Formula II with my scratch built Continental 600. The Continental 600 was designed by Hal deBolt and I had it published in Model Airplane news.

Quicke 500 racing continues today although the field of pilots has diminished. For many years eight to ten AGS members raced and then a few of our top pilots moved away. What were three plane heats are now heats with only two planes. Last year Jim Quinn returned with his electric racer. Those of us who have enjoyed the thrill of pylon racing agree that "it is the biggest bang for the buck".

Historical Pylon Photo's - by Bob Jennings



Formula Falcon Pilots starting their engines in 1972
(Bob Jennings in middle, Bob Noll in striped pants)



Quicke 500 Pilots 2002



Bob Noll's NMPRA Championship plane Continental 600

AGS Website — Don Shugard

(Ed. Note: Re-run but worth it!)

A new AGS website was put into service on February 18, 2020. You may have to empty your browser caches or force an update in your browser to see the new pages.

On a device with a narrow screen width the main navigation menu is hidden by default. You can expose the navigation menu by clicking/tapping on the 3 horizontal bar burger on the right side of the dark blue Menu bar.

Colors are used in the Navigation Menu text to indicate the following:

White - Sub Menus and Main Menu navigation to internal pages

Yellow -Sub Menu links to internal AGS web pages

Salmon - Links to external Webpages

Orange - information only or a placeholder (no link if you try to click on it)

External links and internal documents (PDF documents such as a Connector or field rules) will open in a separate browser tab allowing you to go to the tab view/save a page and quickly return to where you are on the AGS page tab.

“Back to the top” links are sprinkled throughout the pages. As you scroll down a page you may want to return to the Main Navigation menu. Rather than scroll all the way back up you can click/tap on “back to the top” and get there quickly.

The content of the site has been updated to reflect the current operations of the AGS and our hobby. You will find links to the AMA and FAA under the club Information menu. Bill Green contributed to a page dedicated to field maintenance in the members only section (same username and password as the old site). Look at it before you head out to mow this year!

If you are interested in contributing to the website, please let me know. The club and field history pages can certainly be embellished, or you may have an idea for a new page. All I need is good old ASCII text and perhaps a photo or two for the content.

A special thank you to Bob Jennings for use of his Android Phone, suggestions, contributions, proof reading and review of the website content.

Show & Tell

Scott Wallace's projects:

#1 Bridi Kaos ready for primer and paint, should be finished by end of April



#2 Ace 4-40 ready for clear coat, will be finished soon



#3 Top Flite Headmaster about 1/2 framed up, aim to finish by end of May



Ken Willard designed this basic design in many sizes, Schoolboy, Schoolgirl (biplane), Schoolmaster and Headmaster.

Myron Cary flew all these models when I was a kid and always said I would build one, only took me 50+ years!

Bob Noll's submission:

This tool, although it is marketed for help mounting engines, it also great for mounting servos.

I use it more for centering servo mounting holes than for engine mounting. The cone shaped bottom centers the tool in the servo grommet. The 1/16" drill is perfect size for servo mounting screws.



(www.towerhobbies.com) for \$9.99. **Tower Stock#** L XK378 • **Manufacturer Stock#** GPMR8130.

Mike Mauersberg submitted his Carbon Cub (March meeting visitor-come join us!)



Todd Kopl's Tower Kaos ARF 40



Ray Phillips - Kwik Fli III from BalsaWorkBench.com.



AGS 2020 ACTIVITIES CALENDAR

ACTIVITY / LOCATION (AGS Field unless specified)	DATE	TIME	CHAIRMAN
April Club Meeting	Cancelled	NA	NA
Field Opening	Sat May 2	10:00- Done	Bill Green
May Club Meeting/Field	Mon May 4	6:30-8:30	NA
AGS Pylon Race #1	Wed May 20	6:00-8:00	Todd & Matt Kopl
June Club Meeting/Field	Mon Jun 1	6:30-8:30	NA
AGS Pylon Race #2	Wed Jun 10	6:00-8:00	Todd & Matt Kopl
AGS Pylon Race #3	Wed Jun 24	6:00-8:00	Todd & Matt Kopl
AGS Family Picnic	TBD	TBD	Bob Noll
AGS Pylon Race #4	Wed Jul 8	6:00-8:00	Todd & Matt Kopl
AGS Pylon Race #5	Wed Jul 22	6:00-8:00	Todd & Matt Kopl
AGS Pylon Race #6	Wed Aug 12	6:00-8:00	Todd & Matt Kopl
AGS Pylon Race #7	Wed Aug 26	6:00-8:00	Todd & Matt Kopl
AGS Aerobatics Contest	TBD	TBD	Jeff Hatton
VRCS Spirit of Selinsgrove	Sat Sept 5	9:00-5:00	Ray Phillips & Scott Wallace
AGS Pylon Race #8	Sun Sept 13	2:00-4:00	Todd & Matt Kopl
AGS Float Fly/Cole Park	Sept TBD	TBD	Could be you! Volunteer

Other nearby RC events of interest

Event / Location	Date	Contact /Info

MARCH PROGRAM



*Extreme Flight Extra build project
session #3- Jeff Hatton*

Bring a show & tell

Come to the meeting!



**Reminder: Club Dues and
AMA dues if you haven't paid
yet – Your membership
matters!**

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