

# 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 March 2nd 6:45 P.M at the Endicott LIBRARY**

Changes to time or location will be noted in this newsletter .

Rick Allabaugh

*The Prez Sez*

By the time you receive this copy of The Connector, we would have held the Winter Fly. The club would like to thank Neil Hunt for organizing the event, but especially his wife who made pasta fagioli soup for everyone. Based on my count, we had about a dozen people show up. The weather was surprising good and there was little to no wind.

The next club activity coming up is the Spring Fly, date to be determined.

Board meetings occur every third Wednesday of the month, 6:30 pm, at the office of Delta Engineers located on Hooper Road in Endwell. Any member is welcome to attend. If you have something specific to bring to the Board, please let me know about a week in advance so that I can get it on our agenda.

Finally, we are looking into an option to hold our Model Aviation Day event in conjunction with an event at the Tri-Cities Airport. We're at the early stages of discussion and don't have a lot of details yet, but the feedback we've received so far from the airport is favorable.

Hope to see you at the next meeting at the George F. Johnson Library. Remember, spring is coming! (At least I think so....)

Subscriptions to  
*"THE CONNECTOR"*  
can be obtained free via e-mail or at  
a minimal cost of \$8.00 annually

## Coming Events

### AGS Meeting

Mar 2nd 6:45PM  
ENDICOTT LIBRARY

## **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, A notice will be sent to the mailing list

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

**President:** Rick Allabaugh  
(A-C)

**Vice President:** Charlie Brown  
(D-H)

**Secretary:** Ray Phillips (I-L)

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

**Board Members at Large:**

Frank Gioffredo (S-Z)

Tom Kopl

**Committee Chairmen**

**Membership:**

**Program:**

**Activities:**

**Field:**

**Historian:** Don Green

**Public Relations:** Open

**Sound:** Scott Wallace

**Safety:** Frank Gioffredo

**Librarian:** Frank Gioffredo

**Editor:** Jeff Hatton

jhattonc@gmail.com

The AGS Board of Directors is recommending the flowing changes to the by-laws. These changes are to define the calculation of annual dues and special assessments when Associate Members are voted as Regular members.

Underline denote ADDITIONS

**Bold Red** denotes DELETIONS

## Article III – MEMBERSHIP

Paragraph B

New Members - Prospective new members become Associate Members for six (6) months by paying one half (1/2) of the annual dues **and the full amount of any Special Assessment (see Article IX), if required.** Associate Members have all rights and duties of Regular Members except voting rights. During the seventh month, the membership shall be discussed and voted upon by secret ballot. Upon notification of having been approved the new Regular Member must pay all dues and required special assessments prorated from the month of approval to the end of the current dues year.

## Article IX – DUES, FEE and ASSESSMENTS

Paragraph J

Special assessments will not be levied on Associate, Student and Family Members.

Date: 6 Jan 2015

Place: Endicott Public Library

President Rick Allabaugh called the meeting to order.

A motion to accept the minutes of the last meeting as published in The Connector was made, seconded and accepted.

Bob Ayres, a former AGS member, was a guest. Bill Green is working with Bob.

Ray Phillips read the minutes of the 19 Nov 2014 and 17 Dec 2014 BOD meeting minutes.

Bob Jennings reported the total balance of the AGS accounts. Details are available from Bob.

Charlie Brown to volunteer to be the new membership Chair person at the Nov BOD meeting.

Tom Kopl volunteered to help with Program Activities.

We are looking for someone to chair the Winter Fly Event. Dates for Winter Fly and Spring Fly dates, TBD.

Holiday party expenses were reported.

Jan 1 fun fly event income and expenses were reported, 10 pilots participated.

The AGS has purchased insurance for the BC United field for the entire year 2015. Contact Rick if you are interested in

organizing a group fly at the BC field.

Ray Phillips read the board recommended by-law changes. These changes were discussed, motion made and approved.

Ray Phillips reviewed the AGS 2014-2015 budget. After some discussion, the budget was approved by a vote of Yes-16,

No-0 and A-1.

The new dues rates for 2014-2015 are Regular = \$125.00, Senior = \$112.50, Family = \$5.00, Student = \$20 and Flying

Event Fee of \$5 per pilot. Member must become dues current on or before the 2 April 2015 meeting.

Bob Frey displayed his new E-Flite B17 model. Now we need a few micro P-51 aircraft to escort Bob on his missions.

Harold Peeling brought an electric powered glider from Esprit. Harold has been very impressed with this models

performance and handling characteristics.

Charlie Hatton flew his new very low cost micro quad. This small aircraft is very quick. Finding the missing micro props

can be very challenging.

Jeff Hatton gave a presentation on sizing electric flight systems. He gave tips on selecting the correct motor, motor

controller and battery size / capacity. The sweet spot for most sport pilots is 100 watts per pound of aircraft flying

weight.

Meeting was adjourned

Respectfully submitted – Ray Phillips, Secretary.

The Deadline for Connector articles is two Fridays before the meeting. Please have submissions to the editor before then. Electronic submissions are preferred, E-mail them to [jhattonc@gmail.com](mailto:jhattonc@gmail.com)  
**Deadline for Next Connector is 3/27/2015**

Article was printed with Flight Trim procedure (starting with "Flight Trim") on a separate page so it could be saved for reference.

Note this article predates Dual Rate control (In 4. Set control surface deflections)

From Dec. 1974/Jan 1975 Connector

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#### FLIGHT TRIMMING OF MODEL AIRCRAFT: Bob Noll

This check list for flight trimming models is based on an article by the late Jim Kirkland in Model Airplane News several years ago. Save this list for reference when flight trimming your planes.

#### FLIGHT TRIM

Jim Kirkland/Bob Noll

1. Hands off, upright flight  
Full power  
Adjust elevator and aileron
2. Inverted straight flight  
Full power  
If plane turns, adjust rudder same direction as turn  
Readjust aileron  
Repeat a and b
3. Trim for glide  
Full power upright  
Cut power  
If plane balloons, add up thrust  
If plane dives, add down thrust  
If much elevator required in glide, check C.G. and wing incidence

Set control surface deflections  
Elevator - set for reliable spin  
Rudder - set for stall turn  
Aileron - set for three rolls in four seconds

Aileron differential  
Do split S from long climb (180 degree roll to left)  
If heading at bottom is left, too much differential

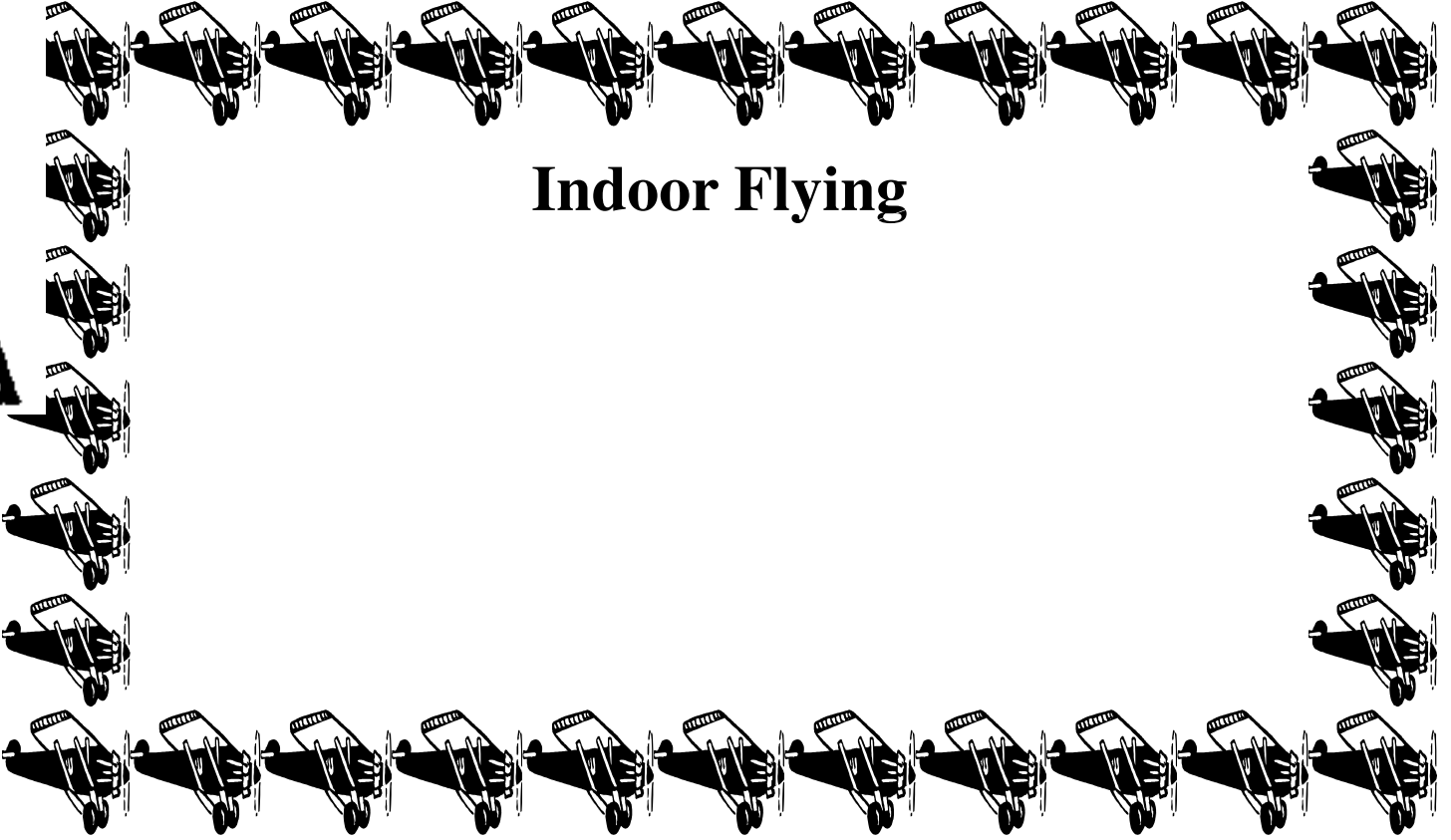
Loop tracking  
Do loops away from pilot  
One inside loop - look for heavy wing panel  
One outside loop - " " "  
Heading changes  
If at beginning of loop, adjust rudder, readjust aileron  
If at top of loop, adjust engine thrust  
If inside loops are good, but not outside loops, raise both ailerons

## **CLUB ACTIVITIES FOR 2015**

<u><b>ACTIVITY</b></u>	<u><b>DATE</b></u>	<u><b>CHAIRMAN</b></u>
Annual Holiday Party	December 2, 2014	Ray Phillips
New Year's Day Fly	January 1, 10:00 am	Rick Allabaugh
Winter Fly	February 22, 10:00 am	Neil Hunt
Spring Fling	TBD	
Field Preparation	TBD	
Pylon Race 1	May 12, 6:30 pm	Frank Gioffredo
Pylon Race 2	May 26, 6:30 pm	Frank Gioffredo
Pylon Race 3	June 9, 6:30 pm	Frank Gioffredo
Pylon Race 4	June 23, 6:30 pm	Frank Gioffredo
Pylon Race 5	July 7, 6:30 pm	Frank Gioffredo
Pylon Race 6	July 21, 6:30 pm	Frank Gioffredo
Pylon Race 7	August 11, 6:30 pm	Frank Gioffredo
Family Picnic	TBD	
Rain Date	TBD	
Pylon Race 8	August 25, 6:30 pm	Frank Gioffredo
Model Aviation Day	TBD	
Pylon Race 9	September 6, 4:00 pm	Frank Gioffredo
VRCS Reunion	September 5 & 6	Bob Noll (CD)
Float Fly	TBD	
Pylon Race 10	September 13, 4:00 pm	Frank Gioffredo
Pattern Contest	August 28, 29, & 30	Frank Gioffredo (CD)
Field Winterization	TBD	

# MARCH PROGRAM

## Indoor Flying



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