



ESTABLISHED 1954

# The CONNECTOR

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

Volume #47 ..... Issue #11

September 2002

Meetings of the AGS are held the 3rd Tuesday of every month at the Vestal American Legion, Changes to time or location will be noted in this newsletter. Business meeting at 7:00 P.M., program to follow.

*The Prez Sez  
Rick Allabaugh*



## ***For those who were unable to attend the last meeting...***

Dave Mathewson, our District II VP, and Dan Williams, our Frequency Coordinator, came to our last meeting and discussed in detail frequency interference, what it means to our club and how we can best protect ourselves from AMA's point of view. After all was said and done, it was strongly recommended that we attempt to enter into a Frequency Sharing Plan Agreement with Steve Faber's group of fliers. Based on this recommendation, we formed a Frequency Sharing Plan Committee consisting of Terry Terrenoire, Bob Jennings, Charlie Lechner and me. The first action that we as a committee need to do is notify Steve Faber, by mail, that we would like to work with them in establishing a mutually agreeable frequency sharing plan. By the time you read this, the letter hopefully will have been drafted, reviewed by the committee, reviewed by AMA and sent to Steve Faber. If you have any questions about frequency sharing, bring it to the next meeting.

## ***I need your help...***

I'm usually not one to beg and plead, but I really need the help of the membership to fill the positions of President, Vice-President, Treasurer and Secretary. I've started to call members and will continue to call until these positions are full. With a membership of almost 100 people, I find it hard to believe that I'm having a difficult time filling these positions.

### ***On a lighter note:***

Here's something I borrowed from one of my trade magazines and modified:

## **Maybe Marrying an R/C Pilot Isn't so Bad**

When choosing a mate, compare these professionals to R/C Pilots:

Doctor – Supposedly, all women are after a doctor, so don't expect your relationship to last more than five years. Eventually, he'll run off with some young nurse or one of his patients who's pretending to be sick. He'll wait until you are stuck with kids to do this. This is not a problem with your R/C Pilot husband. With his poor social skills, he had a hard enough time meeting you.

Police Officer, Firefighter or other Hazardous Professions – While these husbands risk life and limb on a day to day basis, your R/C Pilot husband's greatest risk is losing his eyesight by staring into the sun too long while flying. This hazard actually has some benefits. For one, he will not notice you getting older, since you will be a blur.

## ***In This Issue .....***

***Prez Sez***

***Trez Sez***

***Float Fly***

***Meeting Minutes***

***Membership***

***And much more!!!!***

## **STRC RACEING**

By Terry Terrenoire

Boy, it doesn't seem possible that we are rapidly approaching the end of the racing season and the shortening of flying nights. For that reason the last 2 STRC races are scheduled for Sunday afternoons. I have just discovered that I will be out of town at a contest for the #5 race scheduled for the 8th Sept, so it will be changed to the 15th. Race #6 is scheduled for October 6th.

Thru the first 4 races, we have only completed 2 of them. The first race included 4 racers. Bob Noll had 8 points, Jim Quinn and Terry T had 7 each, and Art Riegal had 6. For the second race just Bob and Terry battled it out with Terry winning 2 of the 3 heats for 8 points and Bob winning the other for 7 points. Races 3 and 4 were cancelled due to weather, and staffing shortage.

Going into the last 2 races Bob and Terry are tied with 15 points each, Jim has 7 and Art has 6. Since we will only be counting the best 3 races, it is still anyone's to win. These Sunday races will start at 4:00 PM, so please mark your calendars.

**The Aeroguidance  
Society, Inc.  
P. O. Box 39  
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(S-Z)

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**ROAD REPAIR**  
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**MEMBERSHIP**  
Tony Cammarata 754-0209

**PROGRAM**  
Frank Gioffredo 748-9858

**ACTIVITIES**  
Bob Noll 754-5279

**FIELD**  
Todd Kopl 687-7424

**HISTORIAN**  
Jerry Roscoe 754-1550

**PUBLIC RELATIONS**  
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**LIBRARIAN**  
Steve Hermanovitch 648-9801

**SOUND**  
Tom Kopl 748-2933

**SAFETY**  
Art Riegall 785-2055

**EDITOR**  
Bill Oltmer 785-4631

**AGS Board Meetings**

Board meetings of the AGS will generally be held monthly on the Monday of the week following the general membership meetings and are open to all members who wish to bring business to the board. Please contact our President prior to the meeting to notify him of your interest and to get the location of the meeting.



*THE TRES SEZ*  
**Ken  
Maroni**

By the time you read this month's connector, you should have received the statement for the annual club **DUES**. Please review the statement and if there are any questions or problems please call or see me at the meeting.

Being the treasurer of our club, there are things that have to be done once a year. We start our next fiscal year in October and our club dues are due. The statement you will/have receive/d will show the amount due for each member. If there is any question on the amount due, your status or AMA number please contact me.

One of the treasurer's duties is to notify members when their dues are past due. Per our club By-Laws Article 9, "Any member more than two months delinquent in meeting his/her financial obligations may be removed from the society roles as provided for in Article 3". If a member is delinquent, he/she will be notified by phone only once after the first month of the grace period. If his financial obligation is not met by the end of the grace period, a letter will be mailed, giving the member one more chance to satisfy his account. With no response to the letter by the next meeting (January), the member, subject to the approval by the Board of Directors, will be removed from the club roles.

I'm sure everyone had a great summer flying and participating in all the events that we had; remember, keep them in the blue and away from the glue.....see you all at our next meeting.

Ken

**Fall Float Fly**

By Dave Lewis

The nineteenth annual Fall Float Fly is scheduled for September 21, 22 at Greenwood Park in Lisle, NY. Flying will be from 9:30 am to 4:30 pm both days. Landing fees are \$5 for one day, \$8 for two days. There will be night flying on Saturday night. Lunch will be available both days.

Once again the hobby distributors and manufacturers have been generous in donating prizes. The prizes will be awarded by the luck of the draw and everyone goes home a winner.

Due to an unexpected personal commitment I will not be available the weekend of the event. **Terry Terrenoire** has agreed to CD the event in my absence. If you haven't tried to fly off water, now is the time to try. If you don't want to fly, come out and watch the fun. If you have any questions call Terry at (607)748-8146.

**REMINDER  
THE MEETING  
IS AT THE  
VESTAL AMERICAN LEGION  
TUESDAY  
SEPTEMBER 17TH @ 7:00**

*The CONNECTOR* is prepared on a Personal Computer. Submissions are happily accepted by E-mail at agsnewsletter@stny.rr.com or on 3 1/2" diskette as ASCII or text files. Please send material to the editor Bill Oltmer, phone 785-4631.

## AGS On-Line

\* **Bold type** indicates additions or changes to e-mail address

### **AGS WEB SITE**

<http://pages.prodigy.net/lkaras/AERO/>

### **AGS NEWSLETTER**

[Agsnewsletter@stny.rr.com](mailto:Agsnewsletter@stny.rr.com)

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## CUSTOMER SATISFACTION!

While at GJ's in late July I purchased my winter project. I'm not trying to rush the season. Just thought I would get the kit I wanted when it was in stock. It is a BEL-AIR .40 bi-plane by Northeast Aerodynamics. Ne-Aero is a small kit manufacturer in Hollis, NH. I was told by others, who are familiar with the Co., that they put out a quality kit. Whenever I purchase a kit, I always go through it to make sure everything is there and that all the parts are in good shape. To my surprise, all the parts that I typically have to separate from a sheet of balsa or plywood were individual parts. Turns out that all the parts are jig-machined. The ribs and former edges were as smooth as can be. I found a flaw on one of the ailerons, and one of the wing leading edges was warped a little more than I liked. There were a few miscellaneous parts that were not in the kit that I suspected were not intended to be. I e-mailed John Marien, who owns the Co. and asked if he could replace the parts I wasn't satisfied with and also listed what I thought could be "missing parts". John assured me that he would take care of the problem. One day I found a box on my front stoop that was left by the USPS. The box was identical to the kit box and weighed more than I expected. When I opened it, it turned out to be a complete kit. Thinking that someone made a mistake, I got in touch with John and asked what he wanted me to do. He told me that he is now a one-person operation and that he sent me a replacement kit to make up for my troubles. I never considered the original kit a problem and could have worked with the few parts I wasn't happy with. I told John that I wanted to pay him for the new kit. John insisted that I owed him nothing and only asked that I build the airplane, fly it, and have fun with it. I think John has carried customer satisfaction to the extreme and want others to know what a fine individual and businessman he is. If anyone is interested in seeing what other kit products Ne-Aero offers, I will bring their catalog to the next few meetings. I'm sure GJ's can get any of the different models. John Marien doesn't know that I am going to double my fun by building and flying two BEL-AIR .40 biplanes.

Bill Markovitz

## Membership Report - by Tony Cammarata

Hello fellow AGS members. This past month we added Barton Davis to our ranks of associate membership. Bart's sponsors will be Joe Felice and Bob Frey. Also, Bart is assigned to the Activities Committee. As Bart assimilates I am sure other club members will be able to vouch for Bart's participation. Welcome Bart to the Aeroguidance Society and safe landings.

Attention voting members, please note that there are no associate members scheduled for full membership vote during the September meeting.

**AGS Meeting # 660  
08/20/2002**

The meeting was held at the field and called to order by President Rick Allabaugh at 7:00 p.m. Present at the meeting were approximately 39 members and 3 guests.

**Minutes:**

Approved as published in the Connector with the correction that the CHOW Fly-in will be 9/7 and not 9/9.

**OFFICER REPORTS:**

**President's Report:** (Rick Allabaugh)

Nothing to report.

**Vice President's Report:** (Jim Pecha)  
Board minutes were read.

**Secretary's Report:** (Doug Breneman)

Nothing to report.

**Treasurer's Report:** (Ken Maroni)

The Treasurer's report was given and accepted.

**COMMITTEE REPORTS:**

**Field:** (Todd Kopl)

**Historian:** (Jerry Roscoe)

**Librarian:** (Steve Hermanovitch)

**Program:** (Frank Gioffredo)

**Road Maintenance:** (Ed Helinski)

**Safety:** (Art Riegall)

**Sound:** (Tom Kopl)

**STRC Racing:** (Terry Terrenoire)

The above chairpersons had nothing to report.

**Public Relations:** (Terry Terrenoire)

We have been asked to participate at Bing Univ. Parent's Day by giving a static display.

New Life Ministries asked for a static display for September.

Help is needed to do the cooking at the VR/CS Reunion.

See Terry if you can help with any of these PR events.

**Membership:** (Tony Cammarata)

No Associate Members are eligible to be voted on for Regular Membership at this meeting.

**AGS Racing:** (Art Riegall)

There are three racers. Current standings are Art R. 3rd, Terry T. 2nd and Bob N. 1st.

**Activities:** (Bob Noll)

All activities are in *The Connector*.

**Fly-in Breakfast** (Bob Frey) - On September 7th we will have the annual fly-in breakfast for CHOW. Please sign up. There will be lots of time to fly after eating.

**Aerobatics Primer:** This will be held on October 12th.

**Combat Meet:** (Joe Felice)

The Combat Meet will be held on September 28th at the AGS field. Volunteers are needed. Please sign up if you can help.

**Editor:** (Bill Oltmer)

Bill is looking for a new editor for *The Connector*.

**UNFINISHED BUSINESS:**

**Frequency Report:** (Bob Noll)

Dave Matthewson, District II VP, and Dan Williams, District II Frequency Coordinator were guest speakers at tonight's meeting to address the concerns about possible frequency conflicts between radios at the AGS field and the Faber field. A full written report is available from any of the Board members. A glitch test was done on 07/15/02. A glitch counter is installed in a test plane and records the number of times it receives interference during a two minute flight. The frame rate for counting is 20 milliseconds. An acceptable rate is 50 or fewer glitches. Persons from both the AGS and Faber's participated in this testing. A summary of the report indicated that planes at our field can receive interference from transmitters from the Faber field, but not vice versa. More work will need to be done. A letter will be sent from the AGS to the pilots at the Faber field expressing our concern about possible interference. This letter will be reviewed by the AMA prior to it being sent. Several members of our club agreed to participate in a committee to determine what else needs to be done. Some other pieces of information include: Frequency sharing needs to count the number of receivers on a channel and not the number of transmitters. Any frequency sharing should consider the number of pilots at each field (< 10 at Faber and > 90 at AGS). We should find out if any of the pilots at the Faber field are AMA members. Approximately 58 pilots are affected. The frequencies used by Faber pilots are posted at the field.

**NEW BUSINESS:**

**Vote on candidates for membership:**

No Associate Members are eligible to be voted on for Regular Membership at this meeting.

**Miscellaneous:**

Ralph Jackson had hernia surgery.

Matt Snow is looking for a .61 4-stroke engine.

Rick Allabaugh mentioned the AMA District II Fly-in will be held August 31st and Sept 1st.

Joe Felice mentioned that the Miniature Warbirds Association may not be able to use their field next year. Joe would like to know if the AGS would want to sponsor this event. This subject will be addressed at the next meeting.

**Show and Tell:**

Dick Allen showed us his Magellan R/C scanner. There were hits on channels 41 and 42 at the picnic table in the flight line pavilion. Dan Williams suggested it might be a pager causing the hits. He also showed a Great Planes Ryan STA YPT16 trainer built by Joe Casey. 80 inch wingspan, .91 engine, pilot from Pilots from Diane, Robarts struts, Ultracote covering, waterslide decals printed using a home computer. Incredible details.

Ken Maroni showed us the next segment of his RV7. The fuse and wings are almost done being covered. The frame weighs 9.4 pounds without covering.

Artie Claudino showed us a 60 piece 12 V rotary tool from Harbor Freight which costs only \$19.99. (winner)

Joe Felice showed us fuel perfume. Both grape and vanilla are available.

**Raffle Winner:** Charlie Pearsall

**PROGRAM:** Frequency sharing discussion.



Vintage Radio Control Society Annual Reunion

By Bob Noll, Contest Director

The skies above the Blue Swan Airport were filled with vintage RC planes as the AGS and VR/CS Chapter III, Golden Eagles, hosted the Vintage R/C Society's 13<sup>th</sup> Annual Labor Day Weekend Reunion on Saturday, August 31 and Sunday, September 1. Pilots from as far away as Florida, North Carolina, Indiana and Canada joined over thirty other VR/CS members for their reunion that brings together many old time friends and the largest single gathering of planes from the 40's, 50's and 60's.

Many AGS members attended and flew planes that were designed before 1970. Here's a list of those AGS'ers who flew;

Dick Allen – flew his own design Stark Shark.

Ralph Jackson – flew a Stark Shark and was heard saying that it is the best flying plane he has.

Tony Cammarata – the Bridi Kaos was Tony's entry.

Jim McKeown – the Mercury Matador that Jim flew was a replica of a kit he built while living in England many years ago.

Steven Bard – flew a Ted Strader Mister E and a Little John biplane. Stephen also flew a Smog Hog built by AGS'er Dave Merithew who was there to see his hard work take to the skies.

Jim Quinn – flew his original ½ A Virus and a Jim Martin Banchee.

Scott Wallace – an Atkinson Aristo Cat and a Bridi Sun Fli were Scott's entries.

Bob Noll – a Royal Rudderbug, deBolt Champ, Aeromaster and Beachcomber were Bob's fleet for the weekend.

The VR/CS Chapter III Golden Eagles took home their share of the trophies in the pattern competition as follows;

Bob Noll – 1<sup>st</sup> Class I (rudder and throttle) with his Royal Rudderbug, 3<sup>rd</sup> in Class II (rudder, elevator and throttle) with the deBolt Champion and 3<sup>rd</sup> in Class III (multi controls) with his Beachcomber.

Scott Wallace – 2<sup>nd</sup> in Class II with his

Aristo Cat and 2<sup>nd</sup> in Class III with his Sun Fli.

Dick Allen – 1<sup>st</sup> Class II with his Stark Shark.

Ralph Jackson, Tony Cammarata and Jim Quinn also entered the pattern competition.

Mike Harris, our VR/CS webmaster was not able to attend the flying but did attend our Saturday evening banquet.

Many thanks to Steven Bard and Jim McKeown who were our pattern judges.

Bob Noll received the Spirit of Selinsgrove award from VR/CS given to the member who contributed most to the society in the past year. Bob is VR/CS President since last October.

You can learn all about the Vintage R/C Society by accessing our web site at [www.vintagercsociety.org](http://www.vintagercsociety.org). The VR/CS is an AMA special interest group.

## AGS Events

(All events are at the AGS Field unless noted otherwise)

**Sept. 21,22 ----- 9:30 AM**

Fall Float Fly  
Greenwood Park  
Dave Lewis CD

**Sept. 28 ----- ????**

Combat Contest

**October 6 ----- 4 PM**

STRC Race #6

**October 12 ----- 9 AM**

Aerobatics Primer

**November 2 ----- 9 AM**

Field Winterizing

It has come to my attention that many of the new members and associates may not be aware of the fine book and video library that we have here at the AGS. We have a very good selection which covers all facets of our hobby. Below is a list of the categories:

### Book library

**Instructional  
Training  
Aircraft History and specs.  
Aviation History  
Autobiographies  
Buyer Guides  
Magazines  
AGS History**

### Video Library

**Instructional  
Training  
Informational  
Product Review  
Video Magazines  
Competition  
Documentaries  
Entertainment**

Detailed listings will be available at the next meeting.

Whenever possible the Library will be available at the monthly meetings. Otherwise it is located in the AGS storage cabinet, basement floor at the American legion Jenson road, Vestal. Access to the cabinet will be discussed at the next meeting.

As always we ask that any books or videos be returned within one month. This courtesy will make the information available to more of the membership.

Please contact me with any questions, comments or suggestions.

Steve Hermanovitch, Librarian

**Cancellation of AGS Meetings:** In the event of poor weather, listen to the radio or television for local closings and cancellations. If Broome Community College night classes are cancelled, then the AGS meeting is cancelled.



Please let me introduce our local celebrity pilot this month: Dr. Lois B. DeFleur presently has a Piper Comanche 260 - C, IFR equipped. The plane resided at Link Field with numbers N777DF. (I wonder if it has to do with Binghamton U. phone exchange 777 and the name DeFleur.) She purchased this plane new just before the Piper factory experienced a flood and a little before Comanche production ended.

Dr. DeFleur comes from the Chicago area. She learned flying in Kentucky flying Cherokee 140's, 180's and up to a 235

there. She has time in a number of other planes including gliders and as her career includes teaching and consulting at the Airforce Academy she took the opportunity to build time in many different jet aircraft available to her there.

Being from the mid west Dr. DeFleur has visited Oshkosh a number of times flying in to Fond du Lac. Her flying trips range from as far south as Guatemala, "all over Mexico", "the

states, border to border, coast to coast" and north "all over Alaska" but she has yet to visit Rhinebeck. Much of her present flying is for business and visits back to Chicago.

But with all this aviation she has no experience flying models. Such a pity. Maybe some day when her duties as President of Binghamton University allow she will get to fly even more and perhaps she will get a chance to discover flying on our scale.

## **FALL AEROBATIC PRIMER By Jim Quinn**

With The great success of our first AEROBATIC PRIMER in the Fall it was decided to host two events this year. The first AEROBATIC PRIMER was on Saturday, June 1. It was very windy, but the pilots who flew did a great job and I know their confidence in all aspects of flying was improved by flying in wind and doing maneuvers on demand. Our Fall Primer is scheduled for October 12.

We will begin with a seminar on setups and sequences at 10:00. Lunch for all contestants will be served at 12:00 and the Contest will start immediately after lunch.

There is a new sequence in all classes this year; this includes the Sportsman Sequence, which is what we will fly on October 12. If you would like to try your hand at Precision Aerobatics this is a great opportunity. You don't need the most sophisticated equipment to compete. What you need most is a desire to fly your airplane in a more precise way and fly maneuvers "on demand." Remember this event is for beginners, so mark your calendar and start practicing.

Your sequence begins with take off, of course. After a trim pass you enter the aerobatic "Box" for your first set of maneuvers: Straight flight out (Upwind), Half reverse Cuban eight, straight flight back, half Cuban Eight, and two inside loops. There is time for a breath as you now fly out of the box and prepare for your second set of maneuvers. Returning to the Aerobatic Box you begin with a Two Point Roll (downwind) a Stall turn, a Cobra, an Immelmann turn, one Horizontal Roll, a Split "S", a Double Immelmann without rolls and once again you are out of the box. After another deep breath you repeat the entire sequence and then prepare to land.

The Aerobatic "Box" is a rectangular segment of air 150 meters long by 150 meters high by 150 meters deep. All maneuvers are done within that defined space of air, so when you are practicing keep this in mind. All maneuvers are either centered in the middle of the box or turn around maneuvers done near the ends of the box. Any portion of a maneuver done outside the box is not scored. Scores range from 10 to 0 and are multiplied by a "K" factor. (Degree of difficulty)

The maneuvers: Straight flight is exactly that. The airplane does not climb or descend; it does not roll or yaw right or left. It lasts about 100 meters. The Half Reverse Cuban Eight is a pull to the 45 up line  $\frac{1}{2}$  roll and a  $\frac{5}{8}$  loop back to level flight. The Half Cuban Eight is  $\frac{5}{8}$  loop to the 45 down line with  $\frac{1}{2}$  roll back to level flight. The two inside loops should be circular and superimposed on each other. The Two point roll is  $\frac{1}{2}$  roll a pause and another  $\frac{1}{2}$  roll back to level flight. A Stall Turn finds the airplane pulling to the vertical up line having the airplane stall and return down the same line with an equal radius pull out as entrance radius. The Cobra is a pull to the 45 up line and a push to the 45 down line. The apex of this maneuver should be at the center of the aerobatic box. An Immelmann Turn is  $\frac{1}{2}$  loop followed immediately by  $\frac{1}{2}$  roll. The Split "S" is just the opposite of the Immelmann. You begin with  $\frac{1}{2}$  roll followed immediately by  $\frac{1}{2}$  loop. The Double Immelmann is actually  $\frac{1}{2}$  loop, a brief segment of inverted flight, then the other  $\frac{1}{2}$  loop back to level flight.

There is one major secret to a successful aerobatic pilot's flying. *Burn fuel!* The other secret to success is *Burn more fuel!*

I will be delighted to help you practice; just give me a call.

## **AGS ANNUAL PICNIC: by Jim Quinn**

Thank you to everyone who made the 2002 AGS Annual Picnic such a wonderful time. Flying during the day was light, but as we began with CHILDREN'S GAMES the afternoon fun picked up. Thanks to the Gioffredo and Blazicek Families for running the games for us and even providing several of the participants. Actually it was the wives who did most of the work. Thanks to all for great CHILDREN'S GAMES.

As the dinner hour approached our stomachs turned to appetizers. Janet and Gib Vandeling were outstanding with APPETIZERS. Janet commented that they prepared enough for the entire county. When the dust settled after the feeding frenzy there were really very few appetizers left over. I put \$30.00 into the budget for appetizers. Obviously Janet and Gib spent much, much more than \$30.00, but they refused to ask for any more than the budget number. Thank you so much Janet and Gib for great Appetizers.

As always, Phil's Chicken House did a great job for us. There was plenty of food and it was very tasty.

Our magician was outstanding. He was more of an entertainer than a pure magician, but no matter what label you put on him we really laughed a lot. Some of the laughter was at club members or their families. It is good when we can laugh at ourselves. I am not sure who "Bob the Builder" is, but apparently that when I was finally fully dressed for the banana cutting card trick I looked like "Bob." When Frank Gioffredo first commented that I looked like "Bob the Builder" I thought of our own Bob Noll. I thought, does Bob look like that when he is building? Frank explained it was a TV program. Our magician was great whether it was taking us on a trip to Aldi's or picking cards.

After the magician we lit the camp fire and roasted marshmallows, etc. Thanks to Bob Balsie who volunteered to be our fire roasting "magician." Bob did a great job coordinating our fun food activities around the fire. Thanks Bob.

I apologize to the members of the AGS who are members of the Binghamton Aeros. It was an oversight to have our picnic scheduled on the same weekend as your Major Flying event. I will try to avoid that problem in the future.

Lastly, I would like to thank all the participants who signed up to come to the picnic. Without you there would have been no picnic. It is my hope that our new president and activities chairperson will give me the pleasure of coordinating this great event again for 2003. It was a lot of fun hosting the picnic. Thanks to all for this opportunity to give back to the AGS just a little for all I have benefited from my association with this great Club.

# SEPTEMBER PROGRAM



**FLIGHT BOXES AND FIELD EQUIPMENT**

PLEASE BRING YOUR FLIGHT  
BOXES AND FIELD EQUIPMENT  
TO THE MEETING . YOUR IDEAS  
AND HELPFUL HINTS MAY  
BENEFIT ANOTHER MEMBER!

AEROGUIDANCE SOCIETY, INC.  
P. O. Box 39  
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