

# THE CONNECTOR

The Official Newsletter of the Aeroguidance Society, Inc.

Endicott, New York



Editor: **Gerry Skreckoski**



THE CONNECTOR is the monthly newsletter of the Aeroguidance Society, Inc., Radio Control Model Club. The club owns and maintains its flying field in Endicott, N.Y. Anyone interested in joining the club should contact any of the officers listed below.

President: **Wynn Aker** Vice President: **Jerry Bernhardt**  
Secretary: **George Kelsey** Treasurer: **John Raney**  
Board Member: **Donato Martino** Board Member: **Terry Terrenoire II**  
Past President: **Chris Engler**

VOLUME 26 ISSUE 1

JANUARY, 1993

NEXT MEETING: JAN 19, 1993 - 7:30pm

Place: **IBM, OWEGO**

## AGS CALENDAR OF EVENTS

DATE	TIME	PLACE	EVENT
Jan 15-17		OAKDALE MALL	MALL SHOW
Jan 19	7:30pm	IBM, OWEGO	Reg. Meeting and tour
Jan 23	9-5	Syracuse Fairground	Model Symposium
Jan 25	7:30pm	TBD	Board meeting
Jan 30	2:00pm	Wynn Aker's house	Hangar session, Monokoting
Feb 7	11:00am	Moore Park	Snow Fly

## PROGRAM FOR THE DEC MEETING

Tour of IBM's Helicopter Hangar, by John Raney

NEXT CONNECTOR INPUT DEADLINE IS FEB 3 1993

# PREZ SEZ

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by Wynn Aker

January, 1993

HAPPY NEW YEAR! Welcome to the new year of 1993. I hope that Santa Claus was good to everyone, and brought you lots of glue and balsa wood, and that you made your new year's resolutions with proper consideration for lots of building, flying and family fun. The month of January will be very busy for the AGS, and we have lots of good info for you to assimilate. First and foremost, the Mall Show will be this month, on the weekend of January 15, 16 and 17. Please come Friday night to help set up the tables and airplanes, and bring lots of planes to show off. I've had questions asked of me as to how many to bring: As many as you like! There is no minimum or maximum, and if you bring 3, 4, 5 or more, nobody will complain. If we actually have too many to fit on the tables, only then will there be any kind of conflict. We want to have lots of them to display, including unfinished planes or whatever in the "bones." Don't be shy about bringing any particular project: all of them are welcome.

Secondly, please don't forget that the January regular meeting will be held offsite at IBM-Owego, hosted by John Raney, touring the Lamps helicopter hangar and some other good activities. Please see John's article elsewhere in this issue for the details. Don't forget! The only people who will be at the Legion for a meeting are the ones who've been sleeping these past few months and didn't get the message. Make sure to call John Raney to get on the list to attend by no later than Jan 17 if you plan to attend and didn't make the sign-up sheet at the December meeting. John must have the final list to obtain the proper security clearances. You cannot just show up and expect to get in.

The New Year's Day Moore Park Fly was held, as expected, but was it ever cold! Very few people made it, but those who did got an early jump on the rest. A milder day followed on January 2nd, and several others showed up to see Jerry B. and Tim R. have a mid-air. No surprise there, since Tim was involved, and usually is whenever there is a mid-air. Gee, this flying stuff sure is fun, ain't it, grandpa?

The Annual Moore Park Snow Fly will be held in February, on the 7th at 11:A.M., in typical fashion. Maybe there will be some snow this time, as there hasn't been much lately. Get those skis out and on the planes!

Also this month the Annual Syracuse Symposium will be held on Saturday Jan. 23, from 9-5. This is a reasonably well-attended symposium, with lots of planes, booths, displays, food, static displays of aircraft, and just plain good fun with folks you probably haven't seen in a while. They also have speakers throughout the day and AMA district meetings, so you can learn something as well as meet your AMA representatives, should you be so inclined. Lon Sauter usually shows up with his transmitter testing equipment, and for a small charge you can get an updated gold sticker, if you pass, for your transmitter. Try getting up there this year, if you can: it's a lot of fun, especially in the cold winter months.

HANGAR SESSION! We're going to have a hangar session again this month, and hopefully have even another one before the flying season starts. What's a hangar session, you might ask? For those of you who are a little new to the club, a hangar session is a session in a hangar. Sounds simple! My basement is my hangar, your garage may be your hangar. So, we're having a get-together in my hangar on Saturday, January 30th at 2:p.m. Call if you need directions. We usually have some sort of major topic to discuss, like foam wings, retract installation, or something like that. This year's subject is MONOKOTE TIPS AND TECHNIQUES. We'll try to do some things that maybe some folks don't know how to do, like joining pieces of monokote on glass prior to placing it on the wings, or maybe more basic stuff for the beginning monokoters out there. I'm sure that lot's of the 1st-, 2nd-, or even 3rd-plane flyers out there could benefit from learning better techniques, because it's such a unique skill. I know that my first 10 or so planes sure left something to be desired! Come on over to my hangar that Saturday, and we'll have some fun. RSVP is desired.

Lastly, Happy 40th Birthday to my lovely and supporting wife, Teresa, later this month (27th). Please give her some grief, won't you? Gotcha, hon!

The world cares very little about what a man or woman knows;  
it is what the man or woman is able to do that counts.

Booker T. Washington

## JANUARY MEETING

As you are aware from the last connector we will be having the next club meeting at IBM Owego. The evening will center around a tour of the LAMPS hanger where Aircraft are fitted with avionics and sold to the Navy. In addition I have received some short footage of Unmanned Air Vehicle operation in Desert Storm. (In our parlance, that is R/C airplanes at war). The time is 7:30 and we will meet at the back security entrance to the plant. This is the only entrance that is open at night and is by the only traffic light on the property. You can park in any unmarked spot in any of the parking lots, some spots are just for small cars.

You will have to enter the facility through our barrier gates. Pull your car into the slow vehicle lane and announce yourself into one of the communication speakers. You will have put your name on our sign up list for the meeting and the guards will have the list. If you have not signed up or wish to bring your wife please call me at home (754-0579) and I will add your name to the list. Just a reminder you must be 14 years old and be a US citizen. Looking forward to seeing you there.

John Raney

### INDOOR ANYONE?

At the December A.G.S. meeting, we had a little demonstration of some indoor rubber power flying. A number of comments made afterwards may indicate some people want to give building and flying such planes a try.

Just in case you aren't aware, Hooper School on Main street in Endwell has a nice gym for flying small indoor planes. The nice features include a smooth ceiling, no heating blowers, and availability. We might be able to get it some evening in March or April depending on what time of the week we would want it.

Anyone who has some thoughts about an indoor type activity and would like to discuss this more please call Steven Bard, 754-4756. I would like to gauge the interest or to help anyone as I can. I have some plans, some books, some materials, and addresses for getting all sorts of stuff.

P.S.

After the meeting I looked up the rules for the Mini Stick. This is not an official event so rules are not in the book. Un-official rules follow:

### MINI STICK

Model

Type.....monoplane

Max. Span (projected).....7 inches

Max. wing cord.....2.5 inches

Max. Motor Stick Length....5 inches

Max. Overall Length.....10 inches (less the propeller)

Max Stab Area.....50% wing area

Covering.....Paper or Plastic (no microfilm)

Propeller.....Wood only

Minimum weight......015 oz. (.43 gms.)

## JANUARY BIRTHDAYS

1st Larry Kerr	22nd Jack Hostetler
6th Wynn Aker	23rd Ray Yeager
16th Geo. Brooks	26th Geo. Kelsey
19th Mark Fisher	27th John Cioci
21st Bob Jennings	

If there are any errors, please call me!!

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## MALL SHOW

Just a last minute reminder. Set up in the mall center court 8:00 PM on Friday 1/15/93. Please check the work schedule in this issue.

In the past, we have had a meeting the week prior to the show. This helped everyone to remember, as well as giving us more time to prepare. Not so this year!

As we discussed at the December meeting, Wynn and I will be building a trainer to give away Sunday in a raffle. George Brooks is going to supply an airplane and 2 rolls of covering material for \$60. Anything we make over that will be donated to the local CHOW facilities.

We need some signs made up to let people know, and those covering the display will be asked to sell the chances on the plane.

We also need some more help for Saturday morning. As it stands now, it is just Charlie Lecher and me. If it stays that way I will not be able to get much building done.

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## EXPLORER POST

The next two meetings are scheduled for January 9th and 30th. We meet from 1:00 to 3:00 at the American Legion.

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## GROUND SCHOOL

The ground school is conducted for one hour prior to the regular meetings during the winter months. It is designed to help the newer members get their aircraft ready for flight in the spring. There are no restrictions, and any member or guest is welcome to participate. You are encouraged to bring your projects and questions about any problems you have encountered.

Due to the special meeting we are having in January, the first session will be at 6:30, prior to the February meeting on the 16th.

In the first session we will cover some of the better beginner kits available. I'll have several on hand for your review. We will also discuss radios and engines. In addition, if time permits, we will try to help you get started with some of the main sub-assemblies. (ie: wing, tail, and fuze)

During the March meeting we will look at a variety of push rod assemblies, discuss radio installations in general, and look at how to install hinges. And, if time permits, we'll go into overall alignment of wing, fuze, and tail assemblies.

At the April meeting we will try to wrap it up by discussing various covering methods and materials as well as some good fuel proofing methods.

Because of the late start this year, and the loss of the January meeting, we have a lot of material to cover in just 3 sessions so please try to arrive by 6:30!

### Set up Friday

Terry Terrenoire	Bob Frey	Bill Underkofler
Jerry Skreckoski	John Asselta	**Jerry Bernhardt
Steve Bard	Len Wieczorek	<del>Duane Smith</del>
Jim Pecka	Donato Martino	Geo. Kelsey

\*\* make sure to have table covers available!

### Saturday 9:00 to 1:00

Charlie Lecher	Terry Terrenoire
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Wynn A

### Saturday 1:00 to 5:00

Jerry Skreckoski	Dick Allen	Jim Pecka
Geo. Kelsey		

Wynn A

### Saturday 5:00 to 9:00

~~no one signed up!~~ DUANE SMITH Wynn A.

### Sunday 11:00 to 3:00

Tim Rogers	Tom Kopl	Steve Bard
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Wynn A

### Sunday 2:00 to 5:00

Tim Rogers	Tom Kopl	Jerry Bernhardt
Steve Bard	Donato Martino	Geo. Kelsey
Terry Terrenoire		

Wynn A.

### Tear down Sunday

Bob Frey	Jerry Bernhardt	Tim Rogers
Donato Martino	Geo. Kelsey	Terry Terrenoire

### Supply Aircraft

Bob Frey	Bill Underkofler	Tim Rogers
John Asselta	Jerry Bernhardt	Ralph Jackson
Jim Pecka	Tony Cammarata	Geo. Kelsey
Terry Terrenoire		

### The Parable of Beauty

Once upon a time, long, long ago, in a far away place, there lived a lad who wished to learn o fly. He had a burning desire to try his wings, but as a youth, he loved beauty. His first model was a scale plane, a thing of beauty with wings that glistened in the sun. Alas, on his first attempt th fly, he crashed. His plane of beauty and graceful lines had become vicious and spiteful in the air.

After the crash, his enthusiasm waned, he vowed to never again try flying. He would become a monk, and build plastic display models. He sank lower and lower into despair. As he was about to build his first plastic model, a wise old sage interceded and spoke words of wisdom to the lad.

"My son, your obsession with beauty has led you astray. Consider the young woman who is fair of face and body. She, you say is a beauty."

"But, place her on the athletic field and she is the pig when it is chased by a terrier, slow afoot and ungainly. Now consider the Amazon who runs like the wind and glides over the hurdles. Does she not possess beauty and grace?"

"That is true," answered the lad, "but how does this apply to flying?"

The sage then explained his parable to the slow thinking lad. "Your plane with scale detail and wings that glisten in the sun is like the girl that is fair of face and shapely of body. It possesses physical beauty but is slow and ungainly in the air. You must strive for functional beauty, for grace and agility."

"I begin to understand, old one. I shall build a plane of great functional beauty."

The youth turned to leave, then reflected on the sage's advice, and turned back to him asking, "Wise one, do you have any other words for me?"

The sage spoke again, "As the maiden of beauty is soft and fragile, so is the scale plane. The stout and sturdy woman may be considered ugly but she is strong and will serve you well throughout a long life. So, too, is the strong and functional airplane."

The lad looked as if he would speak, but the sage held him to silence with a raise of the hand.

"Finally, one does not learn the art of love from the virgin. One learns from a woman of experience. Likewise, one should learn to fly from an experienced flyer."

"I have learned much today," spoke the lad. The wise one smiled, content that he had shared some small measure of his wisdom.

And the youth departed, thinking not of flying, but where he could find a woman of experience.

Author Unknown

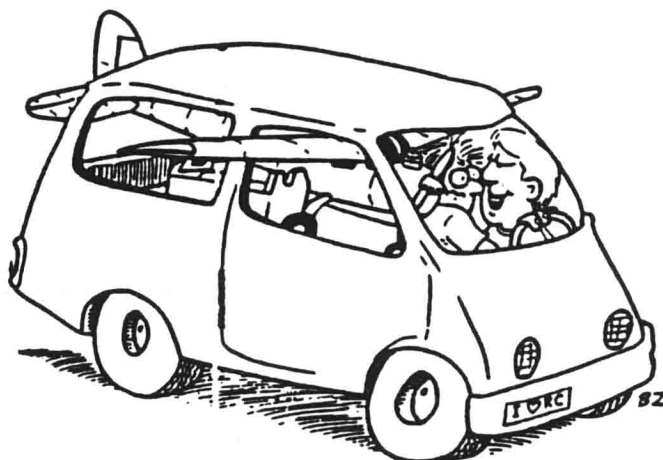
(reprinted from November issue of the AMA national news letter)



ENGLISH/METRIC CONVERSION  
FOR  
R/C ENGINE DISPLACEMENT

cu in.	cc
0.40	6.55
0.61	10.0
1.0	16.4
1.2	19.7
1.4	23.0
1.5	25.0
2.0	32.8
2.1	35.0
2.3	38.0
2.4	40.0
3.0	49.2
3.2	52.4
3.8	62.0
4.0	65.5
5.0	81.9

R. Allen



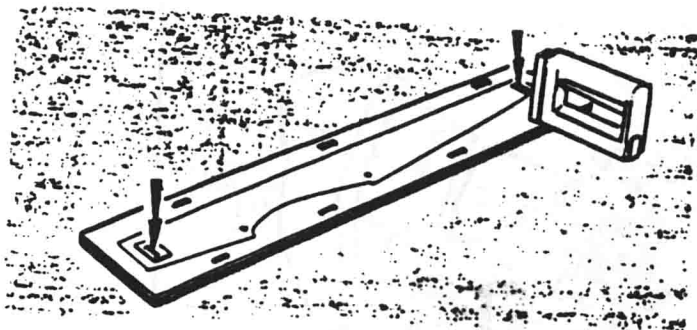
"I JUST KNEW THIS HOBBY WOULD BRING US  
CLOSER!.. CAREFUL, HONEY—YOU'LL SCRATCH THE COWLIN

from Fly Paper  
Raymond H. Briggs, Editor  
4419 Outlook Drive  
West Mifflin, PA 15122

### Drill Jig

Here's how Don Wasson of Ottumwa, IA solves the problem of the drill bit slipping off the side of round things he's drilling, like dowels, push rods, or arrow shafts. Simply clamp the piece to be drilled into a spring clothespin and drill right through the clothespin. Simple, cheap and effective!

from Here's How  
LeRoy Satterlee, Editor  
1604 Huntington Road  
Waterloo, IA 50701

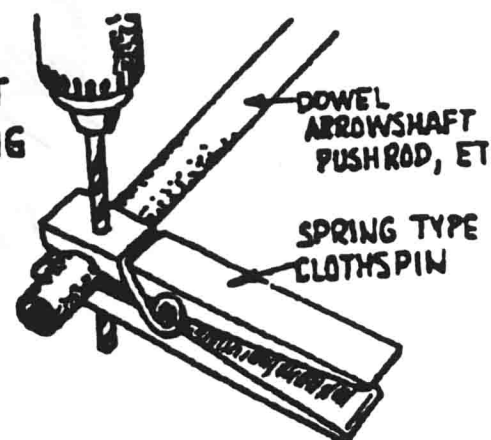


### Cutting Identical Parts

If you want to make identical parts, secure the blanks with staples before you start cutting. Two staples - one at each end - with a small square of cardboard under each to protect the wood, will hold the blanks securely while you cut out the parts and final sand their edges.

from Alief Air Force Flyer  
Ron Nelson, President  
12102 Pine Knoll Drive  
Houston, TX 77099

### LOW COST DRILL JIG





*"This is NOT the time, Peters, for flight simulation."*