

The CONNECTOR

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

www.aeroguidancesociety.org

Volume #49 Issue #2

February 2004

Meetings of the AGS are held the 1st Tuesday of every month at the Maine-Endwell High School, Changes to time or location will be noted in this newsletter. Business meeting at 7:30 P.M., program to follow.

The Prez Sez Terry & Sez Terrenoire



Oh Boy!! It is the middle of Feb......Can spring be far behind?? I hate to wish away my life, but I sure am looking forward to better weather.

As time continues to march, so does the AGS activity list. So far this year we have had the New Year's day fly, the Mall Show, and the "Winter Fly". The next scheduled event is the upcoming Annual dinner. I really like the idea Scott came up with this year. I am sure he will have the details elsewhere in this issue, so I'll not steal his thunder. Just remember, this is a once a year event, and it is intended to let us say "thank you" to our partners who put up with our many hours and evenings at the field, and many hours in the basement. And I am not going to mention the money we spend on our toys. So open you wallet, let the moths out, and take the spouse out for a great time.

Just a brief summary of the Mall show; We had 21 members work various shifts during the 2 days, as well as helping to set up and tear down. We had only a couple of members who signed up to help, but for some reason were unable to make it. No problem! We had enough help, and a good showing of airplanes. As usual, I got some good building done during the 2 days. My thanks to all who helped.

Some really good news; On 2/12 I received a check from AMA for \$500 to cover part of the cost of the Scout program. Since that was expensed out last year, this will show as an income for this year and should just about cover the cost of a new roof on the main pavilion. This brings me to another subject. We still do not have a field Chairman. I think we have the road taken care of, but we need someone to coordinate the field opening, so the work can get done efficiently. I have already done some homework on the roofing needs, and the rest is pretty routine. I really need for someone to step up and take this task in hand!

While on the subject of the roof, I am proposing that we replace the shingles with a steel roof. Total cost of materials will be around \$700, if my estimate of 20x30 feet is correct. I have been told that a good steel roof can last nearly 100 years,

(Continued on page 2)

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And much more!!!!!

Coming Events

March 1 ---- 6:00 PM

Indoor Flying
T.J. Watson Elementary

March 2----- 7:30 PM

Monthly Meeting

Maine-Endwell High School

March 8 ----- 6:00 PM
Indoor Flying

Root Two Aerodrome

March 27 ----- 5:45 PM

Dinner Party Russell's Family Steak House

March 27 ----- 8:15 PM

Dinner Party / 'Proof' Cider Mill Playhouse

April 6 - - - - 7:30 PM

Monthly Meeting Maine-Endwell High School The Aeroguidance Society, Inc. P. O. Box 39 Vestal, NY 13850-0039

PRESIDENT:

Terry Terrenoire

748-8146

VICE PRESIDENT:

Scott Blazicek 757-0148

(A-B)

SECRETARY:

Bob Balsie 748-1074

(C-G)

TREASURER:

Paul Cushing 748-9033

(H-K)

BD. MEMBERS AT LARGE:

Charlie Lecher 687-

3366

(L-P)

Brent Bryson

785-8253

(Q-Z)

Committee Chairmen

MEMBERSHIP Open

PROGRAM

Open

ACTIVITIES Brent Bryson 785-8253

FIELD Open

HISTORIAN

Jerry Roscoe 754-1550

PUBLIC RELATIONS

Terry Terrenoire 748-

8146

SOUND

Tom Kopl 748-2933

SAFETY

Art Riegal 785-

2055

LIBRARIAN

Bob Nestoryak 748-2080

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 next AGS meeting will give us the opportunity to discuss a few of the problems that the club faces and some ways to resolve them. One of which is the expense of *The Connector* vs. the return. As many of you know, our taxes have gone up, insurance has gone up and some repairs have been costly and ongoing. In an effort to be a financially responsible board, we would like to discuss some possibilities at the next AGS meeting. Please plan on attending if you can.

Thank you, Scott B

New Field Rules

Reminder! We be discussing and voting on the new field rules at the March Meeting. They were published in the last issue of *The Connector*.

Meetings are held on the First Tuesday of the month. Meetings are at the Maine-Endwell High School September thru May.

The June, July and August meetings are at the AGS Field.

February AGS Meeting cancelled due to inclement weather.
See you in March!

The Prez Sez

(Continued from page 1)

so most of us will not have to worry about it again! I don't think I would want to put it on my house, but it should be just fine on the pavilion. We can discuss this at the meeting, but I would prefer to take it to the Board, with some alternatives ...presented by the field Chairman.

I have to apologize for the note on the cancellation of the last meeting. My brain had not caught up with the fact that we are now meeting in a school that has it's own standards for cancellations. I am still thinking of the Legion. From now on the cancellation will be tied to the cancellation of evening activities by the ME school district. Sorry for any confusion, but as it worked out, both cancelled anyway!

We have the mugs now, and I will have them at the next meeting, including 6 that have photos of members, and their planes already on them.

The cost is just \$7 with the AGS logo, \$10 with the AGS and your special picture!

Happy building, Terry

REMINDER
THE NEXT MEETING
IS AT THE
MAINE-ENDWELL HIGH SCHOOL
MARCH 2nd @ 7:30 pm

The CONNECTOR is prepared on a Personal Computer. Submissions are happily accepted by E-mail at ags@v-fib.net or on 3 1/2" diskette as ASCII or text files.

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AGS On-Line

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

AGS WEB SITE

http://www.aeroguidancesociety.org

Dick Allen Rick Allabaugh Jamie Arnold **Bob Balsie** Steven Bard Scott Blazicek Pete Brayman Doug Breneman **Brent Bryson** Tony Cammarata Scott Campbell Dick Chase Art Claudino Paul Cushing Joe Felice **Bob Frev** Frank Gioffredo Don Green Charlie Hatton Jack Hostetler Ralph Jackson **Bob Jennings** Todd Kopl Chuck Krapf Mark Lecher Charles Lecher Dave Lewis Bill Markovitz Ken Maroni Mark Mendelson **Bob Nestoryak** Phil Nestoryak **Bob Noll** Bill Oltmer Charlie Pearsall Joe Perrucci Jim Quinn Jerry Roscoe Darrell Sperbeck Don Stento Terry Terrenoire Mark Trudeau Bill Underkofler Gib Vandling Scott Wallace

RCALN@aol.com rcallabaugh@stny.rr.com av8r@av8r.org a10hog@stny.rr.com sbard@juno.com sblazice@stny.rr.com pete@v-fib.net dbrenema@stny.rr.com bbryson@stny.rr.com TCANDEC@aol.com scampbell@stny.rr.com rec453@aol.com aclaudino@stnv.rr.com PaulFCushing@worldnet.att.net felicejm@us.ibm.com RAFREY637@aol.com fgioffredo@stny.rr.com keebling87@aol.com chatton@stnv.rr.com iackhostetler@peoplepc.com ojandrj@stny.rr.com rkjennings@stny.rr.com todd.kopl@lmco.com cande1@iuno.com mlecher@stny.rr.com chas@stnv.rr.com dlewis14@stny.rr.com. wdmarko@yahoo.com ossieux@msn.com mmendelson@stny.rr.com Rnestoryak@stny.rr.com pnestory@stny.rr.com BOBRC@aol.com owilliam@stny.rr.com asailorir@citlink.net isperrucci@aol.com JAQFly@prodigy.net jerryroscoe@yahoo.com dpsper64@hotmail.com ods@stnv.rr.com amad2terry@juno.com marctrudeau@stny.rr.com junderk@stny.rr.com qvandlin@stny.rr.com

wallaceaero@aol.com

The AGS Annual Dinner Party

What: AGS's Annual Dinner Party

Where: Russell Family Steak House, followed by the

play 'Proof' at the Cider Mill Playhouse.

When: Saturday March 27th, Dinner 5:45 Play 8:15pm **Why**: A chance to have some food and fun, singles are certainly welcome, or bring your best friend and/or wife to let them know you appreciate their patience while you

spend time on your hobby.

Price: Dinner will be; Pay for what you order (individual checks). The play at the Cider Mill Playhouse will cost \$25 per ticket (see Details below). Dinner arrangements have been made (I reserved 30 seats). PLEASE call me at 757-0148 if you plan to attend (leave a message if I'm not home) or EMAIL me at sblazice@stny.rr.com. I'd like to give a final count to the restaurant so they can better serve us. Depending on the number of people, we may be able to get the back room to ourselves.

Dinner will be at the Russell Family Steak House; the menu has great variety. This is a several course meal; you won't leave hungry unless you choose to!! The cost of the meal will depend on what is ordered.

The Cider Mill Playhouse will be presenting a comedy based on a 1920's Newspaper. It's about 2 hours long and should be entertaining! **Tickets can be obtained by calling the Cider Mill Box office 748-7363.** I did not want to get into buying tickets for the AGS with no idea how many people will show up. **You must reserve / order your own tickets**. The sooner the better, this could sell out. Seating is not set up for large groups at the Cider Mill.

This is a little different than past way of doing things. The banquets are no longer over 50 people, other clubs no longer attend, and it's not like the days past with formal attire and big dance hall atmosphere. This year I'd like to do something that really is what was intended in the past, that is, have a night out that is classy and entertaining. I know this is more costly than it has been in the past (figure about \$100?!) a couple but it should be fun. You can choose to attend one event or both (Just the Dinner, Just the Play, Both, Neither). Those of us that have spouses, I'm sure they deserve a bit of thanks for putting up with our hobby; time spent at the field and AGS meetings. Remember what you spent on your last engine or plane, I think your spouse would appreciate a little of the same TLC.

I hope you are able to attend!! PLEASE remember to call Scott at 757-0148 or EMAIL me at sblazice@stny.rr.com to let me know if you plan on attending.

Historian's Report

Jerry Roscoe - Club Historian

If you missed the Feb winter flying you missed some of the best snow we have seen in several years of winter flying. With two foot of snow up to our knees, a nice crust on the top, some flurries to keep the snow white and a brisk wind at times, hot chili and coffee, winter flying doesn't get much more winter than this. This separated the real winter flyer's from the couch potatoes! The snow was so good Paul didn't even need skis to take off, but snow shoes would have really helped the pilots.

For those who missed the December meeting I made several CDs that include all the photos taken in the years 2002 and 2003. I've also included on the CD a copy of each month's issue of *The Connector*. This is a great way to remember the year and have a copy of each month's issue. You can't beat the price of only \$5.00 and it will help the club out also. Our club treasurer Paul Cushing has them. The CD has many more photos than the Club Photo album. Club members are welcome to browse through the Photo Album at any time.

I've been asked to include in the Historian's Report any magazine articles that club members have published in the last 3 years. If you have a copy of the article, please give it to me and I'll include it in the Historian's Report. I know Bob Noll, Joe Felice and Dick Allen have articles published which I need and if there are others please get in contact with me.

From the looks of things so far this year we have had some real interesting landings. We might even have a whole section on the years best/worst landing this year.

AGS WINTER FLY DEFIES ARCTIC BLAST

Charlie Pearsall - Dateline Endwell

The AGS Winter Fly was held at 11:00 AM Saturday February 7th in spite of a challenging wind. With light sleet and winds of 20 to 30 mph it did not appear to be a promising day. The temperature, however, was balmy for recent trends and made it into the high 20's. Four members were adventurous enough to attempt flights. Brent Bryson was the lead pilot with a Zagi flight. We couldn't tell if his hair was standing straight up under his wool cap, but he did look joyful on his successful landing. I was second off with my Kangke Super Kraft S/K-50. My intent was just to taxi a bit, as this was a first outing with a new airplane, but at 100 yards out I didn't have sufficient rudder authority (sounds better than "inadequate tail dragger experience") to turn it against the wind and it was too far to walk in the crunchy snow. Easier to fly them back than carry them.

Paul Cushing had a few abortive take-off efforts with his PQHOR S.P.A.D.. He was attempting to run-out with wheels on the thin crust, and did succeed on the third attempt. Jerry Roscoe showed us his technique of hiding a Zagi quickly, but the ice crust apparently slowed it enough that we could still see the swept-back wing tips. It was suggested (quietly) that he needed a reverse on his engine so he could back out the way he came in. By then I had put a second flight on my S/K-50, and actually managed to taxi back to my field box this time. Tony Cammarata flew a beautiful little ski-plane which I never thought to ask the model of.

Other members attending but not flying were Doug Breneman, Bill Oltmer, Ken Maroni and Dave Lewis. Their duties mostly included stirring the chili, chasing airborne cups and tableware, and keeping the stove from blowing away.

Flights continued with take-offs and landings occurring during lulls in the wind. Paul volunteered to gauge the depth of the snow in SPAD lengths (one) and I invented a few maneuvers that had attendees spitting chili and ducking in wide-eyed appreciation. By 1:30PM we'd had our fill of fun and chili, and the coffee was cold.





FLYING THE PECK POLYMER BLIMP

by Bob Noll

If you have attended either a Binghamton Rangers or Binghamton Senators hockey game, you have probably seen the white blimp flying above the stands before the game and between periods. When the Binghamton Rangers left for Hartford, their blimp went with them. The BC Icemen could not find a sponsor for a blimp and so five years passed before another blimp appeared in the Broome County Veterans Memorial Arena. Now another blimp is flying with the Binghamton Senators logo and I'm back to flying indoor RC in the winter. The Oakdale Mall sponsors the blimp and a banner with their logo is fastened around the girth of the blimp.

The blimp is manufactured by Peck Polymers of California and measures 13 feet long. It is made from .004" thick vinyl and filled with helium for buoyancy. Propulsion is provided by three Speed 400 electric motors with 6x3 props. Two of the motors are located on the gondola, which is attached to the underside of the envelope, and the third motor is mounted on the movable rudder. The propellers are enclosed in plastic shrouds for safety. Four fins at the rear of the blimp provide horizontal and vertical stability.

The radio supplied with the blimp is Airtronics and control is provided by the ability to rotate the two main motors up and down, control yaw with the rudder and speed with the motor RPM.

After much testing with the original Rangers blimp it was determined that the best way to fly the blimp was to fly it as a lifting body. The manufacturer suggested ballasting the blimp for neutral buoyancy and controlling height by pointing the main motors up or down while controlling forward direction with the rudder motor. We tried this for a short time but soon learned that better control was obtained when the lifting body approach was used. Basically what this means is that we control the height by adjusting the forward speed. We ballast the blimp to weigh one ounce at launch so that if failure to the propulsion system occurs, the blimp will return to earth.

The transmitter is mode II and the rudder servo is connected to the aileron channel while the front motor pitch are operated with the elevator stick and, of course, the motor speed is with the throttle stick.

Attached to the bottom of the gondola is an ingenious mechanical mechanism that throws out business cards on command by an auxiliary channel. Steven Bard designed this mechanism for the Rangers blimp when the unit from Peck Polymers became very unreliable. Six of these prize cards are thrown out to fans on each of the between periods flights.

My regular crew consists of Steven Bard, Art Reigal and Terry Terrenoire. Bill Underkofler, Jim Quinn and Mike Harris have also helped on occasion. All but Mike have flown the blimp at games. A minimum of two people are required for a flight with one acting as ground crew and the other being the pilot. Having two for ground crew is helpful but not necessary.

This year we encountered a new challenge. The American Hockey League (AHL), following the lead of the National Hockey League (NHL), mandated that all arenas install nets on both ends of the ice extending from the glass to the ceiling. This was legislated after a fan was killed when hit by a puck at an NHL game.

The new challenge is to fly behind the net so we can drop prize cards to those who sit in the ends. The nets do not allow much space and it feels like threading a needle when making the pass around the back of the nets. The blimp, weighing only one ounce, is not very responsive so there is no time, or altitude, to recover from a bad move. The trick is to fly above the crowd without getting close enough that someone can reach the blimp. Over the years there have been a few jerks who thought it would be fun to bat the blimp like a beach ball. One fan even stood on his seat to reach it. I must say that it can get very hairy when someone impedes with its flight and we have had a few incidents that have resulted in major repairs.

(Continued on page 6)

Cancellation of AGS Meetings: In the event of poor weather, listen to the radio or television for local closings and cancellations. If Maine-Endwell High School night activities are cancelled, then the AGS meeting is cancelled.

Flying the Blimp

(Continued from page 5)

Actually, the blimp can be very maneuverable, as far as blimps go, and it can be fun racing the zamboni, trying to back into the open goal and doing touch-and-goes. After flights, the blimp is hoisted to the rafters behind the Canadian flag. Because of the molecular size of helium and the porosity of the 4 mil. vinyl, it looses much of its helium while resting in its hanger. It is always a sad sight when we lower it before a game but after an injection of helium it regains its health and does its job. In fact, we have to add helium during the evening because of this problem.

If you are at a Senators game, visit us under the stands near the Zamboni entrance to the ice and we will show you how it works. If you would like to serve as part of our ground crew, give me a phone call and if we have a short crew, you can join us for the fun.

Pictures at right: (from top to bottom)

Steven Bard, Art Riegal and Bob Noll show off the Senators blimp.

Steve installs the drive battery while Art looks on. The two main motor assemblies can be seen.

The "power fin" contains the rudder servo, rudder and the third motor assembly.

The Senators logo is painted on both sides at the front of the blimp.









Winter Fly and Activities Report

by Brent Bryson, Activities Director

The Winter Fly went off without a hitch, although at times it looked more like Paul and Jerry were playing a game of lawn darts with their planes. Charlie had a couple of good flights, in between serving chili and coffee. Tony got in some instrument flight time, and I managed to get my plane up and down again without hitting anything. See Charlie's article on page 4 for more details.

Next month is the Annual Dinner Party, on March 27th. (details on page 3)

All of the dates are determined and the activities schedule appears in this issue.

Thanks, Brent



AGS is an AMA chartered club; to fly at AGS's field you must be covered under AMA insurance.

You can signup or renew your membership online at

http://modelaircraft.org.

For 2004, the rates are:

Regular Members—\$58

Seniors (proof of age required) - \$48

Junior Members (< 19yrs old)

\$15 w/

magazine

AEROGUIDANCE SOCIETY, INC. 2004 Activities Calendar

Ianuam	January							February								March							
January 1 - New Years Day Fun Fly	S	Μ	Т	W	Т	F	S	S	Μ	T	W	Т	F	S	S	Μ	Т	W	T	F	S		
24, 25 - Mall Show					1	2	3	1	2	3	4	5	6	0		1	2	3	4	5	6		
	4	5	6	7	8	9	10	8	9	10	11	12	13	14	7	8	9	10	11	12	13		
February	11	12	13	14	15	16	17	15	16	17	18	19	20	21	14	15	16	17	18	19	20		
7 - Winter Fly	18	19	20	21	22	23	(24)	22	23	24	25	26	27	28	21	22	23	24	25	26	(27)		
March	(25)	26	27	28	29	30	31	29							28	29	30	31			0		
27 - Annual Dinner Party		20	21	20	2)	50	31	27							20	2)	30	31					
	MALL SHOW							WINTER FLY								ANNUAL DINNER PARTY							
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24 - Field Clean-up Day																							
25 - Field Clean-up Day rain date25 - Busch Development Day	l																						
23 - Busch Development Day	April								May	,			June										
May	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
5 - Primary Flight School begins					1	2	3							1			1	2	3	4	5		
11 - STRC Race #1	4	5	6	7	8	9	10	2	3	4	(5)	6	7	8	6	7	(8)	9	10	11	(12)		
25 - STRC Race #2	11	12	13	14	15	16	17	9	10	(11)	12	13	14	15	13	14	15	16	17	18	19		
Torre o	18	19	20	21	22	23	(24)	16	17	18	19	20	21	22	20	21	(22)	23	24	25	26		
June 8 - STRC Race #3	-						24)			_							\smile		24	23	20		
12 - Pattern Primer	(25)	26	27	28	29	30		23	24	25)	26	27	28	29	27	28	29	30					
22 - STRC Race #4		FIEL	D C	LEA	N-UF	DA	Υ	30	31						PATTERN PRIMER								
	BUSCH DEVELOPMENT DAY						FL	FLIGHT SCHOOL STARTS						STRC RACES 3 & 4									
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6 - STRC Race #5	ı																						
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7 - Primary Flight School Ends				July	,					Δ	เนฮน	st					Ser	oten	ber				
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7 - Primary Flight School Ends 10 - Celebration of Flight 14 - Instructor's Thank You Picnic August 3 - STRC Race #6 7, 8 - Aerobatics Contest 14 - Fly-In Breakfast for CHOW 17 - STRC Race #7 28 - Annual Picnic 31 - STRC Race #8	4 11 18 25 CI	5 12 19 26 ELEE	6 13 20 27 BRAT	(T) (14) (21) (28) (C) R/	T 1 8 15 22 29 1 OF	2 9 16 23 30 FLIC	3 10 17 24 31	1 8 15 22 29	2 9 16 23 30 ERC	T 3 10 17 24 31 DBAT	W 4 11 18 25	T 5 12 19 26 COL	6 13 20 27 NTE	(1) (4) (2) (2) (8) (8) (5) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(5) (12) (19)	6 13 20 27 VIN	7 14 21 28 NTAG	W 1 8 15 22 29 SE R	T 2 9 16 23 30 EUN	3 10 17 24	(4) 11 (18)		
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MARCH PROGRAM

