

THE CONNECTOR

The Official Newsletter of the Aeroguidance Society, Inc.

Endicott, New York



Editor: **TONY CAMMARATA**



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: **Chris Engler** Vice President: **Terry Terreniore II**
 Secretary: **John Raney** Treasurer: **Jerry Bernhardt**
 Board Member: **Tom Kopl** Board Member: **Scott Anderson**
 Past President: **Jim McKeown**

VOLUME 24 ISSUE 5

May, 1991

NEXT MEETING: May 21, 1991 @ 7:30pm

Place: Vestal American Legion

AGS CALENDAR OF EVENTS

| DATE | TIME | PLACE | EVENT |
|------------|------------|-----------------------------|---------------------------------|
| May 14 | 6:00pm | AGS Field | Pylon Racing |
| May 21 | 7:30pm | Vestal American Legion | Regular AGS meeting |
| May 26 | 10:00am ON | AGS Field | Electric Fly |
| June 8 & 9 | 8:00am | Blue Swan Airport Sayre Pa. | AGS 36th Annual Pattern Contest |
| June 11 | 7:30pm | Vestal American Legion | AGS regular meeting |

Safety Is As Safety Does.....

by Tony Cammarata

Now that spring is well underway, and we are uncovering our favorite plane, maybe old reliable? This is the time to be sure to conduct a thorough safety check on the radio installation (servo screws, links, radio receiver connections, gas tank tubing for kinks and free flow or deterioration. Always tighten your prop nut after storing a plane for awhile (couple of weeks; certainly after a winter). Check all wheel collets (loss of a wheel in flight is a disaster). Check all control surfaces for tightness, stress cracks at control surface hinges. Make sure your control surfaces are functioning correctly, and above all; GROUND RANGE CHECK YOUR RADIO BEFORE TAKING THAT FIRST FLIGHT (with the engine running).

NEXT CONNECTOR PUBLISHING DEADLINE IS MAY 31, 1991

Prez Sez:

By the time you read this, the field will be officially open and the flying season will have begun! A quick look at the club's calendar shows that we have a wide range of activities lined up for the year including sanctioned competition (scale, pattern, electric, fun fly, and float fly), pylon races, flight school, and the family picnic. I'll try to have a list of dates corresponding to each event published in the near future.

Please note the following announcements:

1. The May meeting will be the last meeting held at the American Legion until September. The June, July, and August meetings will be held at the field. The program for all meetings at the field will be "FLYING." There will be a short business meeting at 8:00 PM following flying on the third tuesday of every month.
2. The program for the May meeting will be presented by Bob Noll. Bob's main topic will be reliability in R/C airplanes. Bob will also show some slides he took this past February at the Fun and Fellowship Pattern Symposium which was held in Gualph Canada.
3. The following people have signed up to cut the field for the upcoming month:

May 11 - Tom Kopl & Bob Punker
May 18 - Wynn Aker & Mark Letcher
May 25 - Chris Engler and George Kelsey
June 8 - John Raney and Jerry Bernhardt

If anyone needs information on operating the tractor, please call Bob Jennings.

4. As of this writing, there have been at least two accidents at the field involving cuts from model airplane propellers - and the flying season is just beginning. Please be careful around any operating engine, and make sure you have a helper when starting your engine.

The topic for this month's "Tech Tip" is sealing hinge gaps. A hinge gap is the gap between a control surface (aileron, elevator, etc.) and the surface it is attached to (wing, stabilizer, etc.). Sealing the gap prevents the air from "short circuiting" and bypassing the control surface. Sealed hinge gaps require less control surface deflection to produce the same airplane response, which will impose less drag on the airplane.

Now that I've convinced everyone to seal their hinge gaps, the question is "what is the best way to do it?" I have used two methods that work well. The first is to iron a 1 inch wide piece of monokote over the gap. Be sure the surface is in the fully deflected position before applying the monokote so the surface movement is not restricted.

The second method is to use clear vinyl tape to seal the gap rather than monokote. If you opt for the tape method, you must apply a thin layer of oil to the areas that come in contact when the surface is deflected so the control surface doesn't stick to the flying surface when the surface is deflected. In past years I have used 3M clear vinyl tape however, recently I have not been able to find it. Jamesway sells some clear tape under the name "weather Seal" which looks like it will work well.

That's all for this month. Burn some fuel and have fun!

AGS Field Safety Rules 1-1-91

These rules are developed to ensure the safe and enjoyable use of the AGS flying field and to preserve good relationships with neighbors. Regular and Associate members have the right to use the AGS field, but must follow these rules. Failure to follow these rules may result in restriction or suspension of flying rights by the AGS Board of Directors.

SAFETY:

1. Obey the official AMA Safety Code.
2. Children and unauthorized persons are not allowed in the pit area.
3. Do not fly over the pit area, parking area or, if in use, the pavilion or playground areas.
4. Be certain the runway is clear before takeoff and landing.
5. Make an announcement to others when entering a runway, taking off, landing, flying dead stick or having radio or flying problems.
6. Do not taxi in the pit area.
7. Engines must be equipped with a spinner or safety prop nut.
8. Warn bystanders not to stand in line with a rotating prop.
9. Avoid flying close in when the field is congested.
10. No more than four(4) powered aircraft may be flown at the same time.
11. Do not operate the tractor or other power equipment alone.
12. It is strongly recommended that you do not fly alone.
13. Drive slowly on the field road, especially near houses.
14. Do not fly in a manner that could be hazardous to others

FREQUENCY CONTROL:

1. Transmitters and receivers (except 27MHZ and 53MHZ) must be certified as meeting AMA narrowband requirements for 20KHZ channel separation 2. Do not turn on your transmitter unless you have placed your AMA card in the correct location on the frequency board and have attached the pin for that frequency to your transmitter.
3. Try to maintain a distance of at least 20 feet from other active transmitters when operating your transmitter, particularly if you have the antenna extended.
4. Retract your transmitter antenna when not in use.
5. Transmitters must display their operating frequency per AMA rules.
6. Idle transmitters must be impounded if an flier so requests.
7. Remove your AMA card and return the frequency pin promptly after each flight.

GENERAL:

1. You must be an AMA member to fly at the AGS field. Non-AMA members are allowed to fly on a one time basis on a buddy box with an AMA member.
2. Do not run aircraft engines before 9am or after 9pm.
3. Do not direct prop wash or exhaust at others or their equipment.
4. Perform any prolonged engine running at the west end of the pit.
5. Be sure to lock the gate if you are the last to leave the field.
6. Don't leave trash at the field.
7. The maximum sound level allowed is 98db on a weighted scale measured at 9'. New engines must be tested and, if necessary, corrected promptly.
8. Please be courteous to others at all times.

MEMBERSHIP MATTERS

by Bob Noll, Membership Chairman

New Associate Members: Please join me in welcoming three new members into the club;

John Asselta - John lives in Endwell with his wife Patricia. They have two children, John and Lynda. A recent retiree from IBM, John is all ready to try out his new masterpiece. He joined the club in order to have a good, safe place to fly and to improve his flying skills by associating with experienced R/C'ers. His primary interests are building and flying trainers at this time. John's sponsors are Tom Kopl and Bob Noll. Hey Tom, it should be fun helping your old boss play with his new toys!

Donato Martino - Being a pharmaceutical salesman keeps Donato on the road and he regretfully had to miss our recent Project Night. Martino and his wife Debbie live in Endwell with their two children Erin and Danielle. He'll be flying on channel 28 and learned about the AGS at GJ's. Donato states his reason for joining the AGS as "to share club responsibilities and learn how to build and fly R/C airplanes from the very best". Sport planes are his main interest at this time.

Wynne Aker and Bob Noll are his sponsors.

Rich Bohnsack - Rich is from Vestal and lives there with his wife Kathy and their three children Rob, Carin and David. He is a quality assurance flight specialist and will be flying on channel 40. Rich joined the AGS for camaraderie, technical assistance, flight instruction and for our great fling site. His interests are sport planes, particularly biplanes, stand-off scale and maybe pattern. Bob Punkar and Bob Noll are his sponsors.

Guests at the April Meeting:

| | |
|-------------------|---------------|
| Linh Nguyen | Vestal |
| Gib Vandling | Endicott |
| Don Gresko | Appalachin |
| Tom, Joe and Jeff | Mooney Vestal |
| Larry Kerr | Vestal |

Club Shirt and Jacket: Don't forget to get your club shirt and jacket for the upcoming season.
SHIRT - light blue long or short sleeved with club patch on the back.
JACKET - dark blue coaches style with club patch on the back.
PATCH - embroidered emblem available from the Membership Chairman at club meetings or by other arrangements for a cost of \$6.00.
Get ready to look sharp for our club activities this season, especially when we host our annual pattern contest in June.

* * * * *

Flight School Begins.

Wednesday May 8th flight school got underway. The turn out was very good. Regular sessions will follow each Wednesday evening and Saturday mornings. Saturday sessions begin at 9:30am and end 12:30pm. Any questions should be directed to Dick Allen, MICS (Man In Charge of School).

* * * * *

36th ANNUAL PATTERN CONTEST - by Bob Noll

This will be the last Connector before we host the biggest pattern contest in the Northeast on June 8 & 9 at the Blue Swan Airport in Sayre, PA. We hold this event at the Blue Swan because it is an ideal location - large, accessible, unlimited air space, picturesque and highly approved by our contestants. We enjoy a great contestant following due to our reputation for running a quality event. I have included a list of assignments and committee chairmen will be providing specific details to their committees. Our Contest Manager, George Kelsey, will provide information to his crew separately.

There is one important thing that I need to emphasize. The contest goes on in spite of bad weather so please be sure you are there to do your job even if the weather doesn't look flyable. Our contestants come a great distance and we must be ready for them. Flying starts at 9 AM on Saturday and continues until about 6 PM. On Sunday we start at 8 AM and finish up around 3 PM.

Many club members and contestants will be camping for the weekend at the airport. This is very convenient and a lot of fun, so you may want to consider this if you have a tent or camper. A Port-A-John will be available but there will be no hookups.

This year we will again hold our Saturday night bash indoors at the Sayre Elk's Club. I will have printed directions available at the contest. We will start with a cash bar at 7 PM followed by a buffet dinner. The buffet menu includes: choice of 2 meats, choice of potato, choice of macaroni, hot vegetable, tossed salad, rolls & butter, dessert, tea and coffee. Cost is \$5.00 to those who help at the contest and \$8.00 to all others.

In order to obtain an accurate count of those who will be attending I will need your money at the next club meeting. For those who are unable to get to the meeting, you can send me a check before that date. I will issue tickets to those who are at the meeting and have the tickets for all others at the buffet. Tickets cannot be purchased at the door so act now to reserve your ticket to a great evening of food & fun. Wives and girlfriends are welcome and many will be attending.

One more important item Club members will be allowed to compete in the NOVICE class only. This is being done to provide the opportunity to those who would like to see what pattern competition is all about without having to travel very far. However, club members will not be charged an entry fee nor be eligible for any trophies or other prizes. This is due to the fact that we are using club judges and do not want to create a situation where we could be accused of showing partiality.

* * * * *

1991 AGS Pattern Contest
Contest Director's Staffing Plan
(chairmen are underlined)

Contest Director: Bob Noll*

Flight Line Coordinator and Ass't. CD: Terry Terrenoire*

Coordinator of Judges and Ass't. CD: Jim McKeown*

Registration: John Mrozinski* Mark Lecher* _____
Rory Crawford* Tom Socha* _____

Tabulation: (Sa) Bob Punkar* Ray Yeager* Len Wieczorek*
(Su) " " " John Cioci*

Impound: Ed Hall* Nels Christensen* Dave Faigle*

Field Preparation: Ed Hall* Elwin Spencer* Doug Kerr* John Asselta*

Prizes: _____

Swap Shop/Raffle: John Mrozinski*

Line Managers: Wynn Aker*
(Sa) Mike Donardo* Hai Luu* Matt Seward*
(Su) Mike Donardo* Hai Luu* Donato Martino*

Judges: Jim McKeown* Bill Underkofler(Sa) Dick Allen*
Tom Kopl* Scott Anderson* Tim Rogers*
Bob Jennings* Chris Engler* Tony Cammarata*
Terry Terrenoire III* Jerry Bernhardt* Ralph Jackson*
John Raney* Todd Kopl(Sa)*
USPJA Level 1 - Jim Parker*, Dick Smith*

Recorders: Scott Anderson*
(Sa) Aaron Mills* Bill Henrichsen* _____
Olga Jackson* _____
(Su) Aaron Mills* Bill Henrichsen* _____
Olga Jackson* Jim Pecha* _____

Seminar: Wynn Aker* Chris Engler*

Banquet ticket sales: _____

* = CONFIRMED as of 5/02/91

If your name is listed below I was either unable to contact you when this list had to go to press or you were not able to determine if you could help. Please call me at 754-5279, we still need more helpers in the areas noted by the dashed lines

Jack Hostetler Bob Johnson Don Leaf Charles Mortimer
Bill Schenk Larry Schenk Herb Spicer Jeff Ayers
Bob Frey Joe Iacovazzi Mike Pellicciotti

Note: George Kelsey is Contest Manager will need a few helpers.

36th ANNUAL
Aeroguidance Society
PATTERN CONTEST



JUNE 8 & 9, 1991

PLUS:-

DESIGN & CONSTRUCTION SEMINAR
FRIDAY JUNE 7 at 7 PM

Blue Swan Airport, Sayre, PA

And these special features :

- CLUB TRAINED JUDGES IN ALL CLASSES
- THREE FLIGHT LINES
- TROPHIES THRU 3rd PLACE
- MERCHANDISE FOR 4th THRU ?
- IMPROVED COMPUTER SCORING
- DESIGNATED SWAP SHOP AREA
- SPECIAL DRAW'G FOR PRE-REGISTRANTS
- FIELD AVAILABLE 3PM FRIDAY FOR PRACTICE FLYING
- CAMPING ON SITE

REGISTRATION - \$25

INCLUDES 1 BANQUET TICKET
OPENS AT 6 PM FRIDAY
CLOSES AT NOON SATURDAY
FIRST ROUND NOT GUARENTEED
AFTER 10 AM SAT.

FLYING SCHEDULE

9 AM - 6 PM SATURDAY
8 AM - END SUNDAY

CONTEST DIRECTOR

BOB NOLL
2317 Acorn Dr.
Vestal NY, 13850
(607) 754-5279

Don't miss our Saturday night banquet!
Sayre Elk's Club

P R E R E G I S T R A T I O N F O R M

Name: _____ Class: _____
Address: _____ AMA No: _____

NSRCA No: _____

Chan/Freq: _____

Do you want a family tourist package sent to you? _____

Mail to: Bob Noll, 2317 Acorn Drive, Vestal NY, 13850

RED JACKET MOTEL
 Elmira, NY
 (607) 734-1616

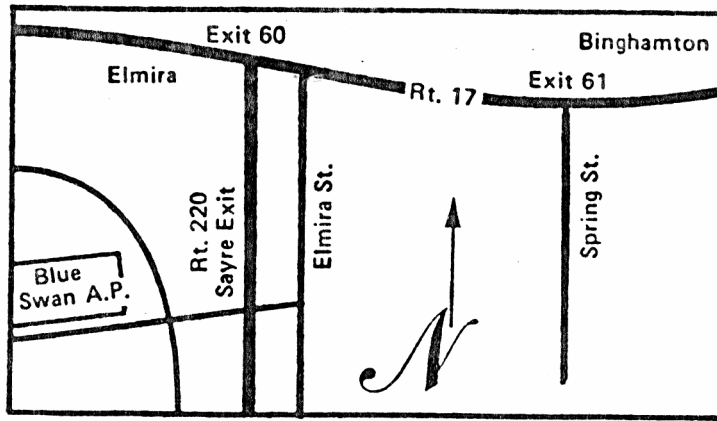
O'BRIEN'S INN
 Waverly, NY
 (607) 565-2817

FOUNTAIN MOTEL
 Lowman, NY
 (607) 732-8617

BEST WESTERN - SAYRE
 Sayre, PA
 (717) 888-7711

TOWANDA MOTEL
 Towanda, PA
 (717) 265-2178

NEW PLANTATION MOTEL
 Elmira, NY
 (607) 737-9008



Route 17, Exit 60 approximately 55 miles west of Binghamton, NY

MARK TWAIN
 Elmira, NY
 (607) 733-9144

HOWARD JOHNSON'S
 Elmira, NY
 (607) 739-5636

HOLIDAY INN
 Elmira, NY
 (607) 734-4211

JOURNEY'S END
 Elmira, NY
 (607) 739-2525

O'HERRON'S IRISH INN
 Sayre, PA
 (717) 888-0679

REGINA MOTEL
 Elmira, NY
 (607) 732-0081

Connector 1991, May

by: Terry Terrenoire

ELECTRIC FLY 5-26-91

The weekend following the May meeting will be the Electric fly weekend. I will be contacting all of you who signed up to help prior to the meeting so we will have everything in order.

95 requests for prizes were mailed out in February, and I have gotten 4 positive responses to date, totaling about \$150.00

Dick Allen and I will be meeting prior to the May meeting to finalize the events we will be running. Our main objective is to keep it simple. The electric flyers seem to seem to shy away from "competition" events.

Bob Punkar has graciously agreed to run the concession stand; 12:00 noon. "til" 2:00pm plus(?); (til/n [AF tyllle]- that's a-no-joke, son!) ...oh yea.. to cover lunch. Many thanks Bob.

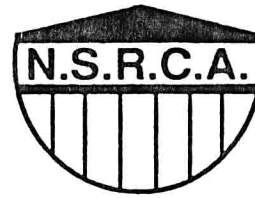
PROJECT NIGHT 4-23-91

This year's project night was a huge success. 34 winter projects were brought out of hiding for the whole world to see. Here is what we saw:

| | | | | | |
|------|---------|---|-----------|---------|---|
| gas: | sport | 7 | electric: | trainer | 2 |
| | pattern | 6 | | sport | 1 |
| | trainer | 5 | | | |
| | pylon | 3 | Chopper: | | 2 |
| | scale | 3 | misc: | | 5 |

Bob Frey, John Raney, Herb Spicer, and Wynn Aker each won a gallon of fuel.

During the show, Wynn and his wife Teresa, provided some surprise entertainment. Wynn let Teresa take out her "flying, building, frustrations" on one of his latest projects. It had been crashed, and was not worth repairing, so Teresa STOMPED on it. Wynn then gave the remains to one of our Junior members.



Fellow Pattern Flyer;

The AERO GUIDANCE SOCIETY INC. is proud to announce that it will again be hosting one of the Northeast's largest AMA sanctioned pattern contest for the 36th consecutive year. This year's dates are June 8 & 9 and the location is the Blue Swan Airport, Sayre, PA.

For years we have been honored with an outstanding list of flyers consisting of some of the finest pattern talent in Northeastern United States and Canada. We are very proud of this tradition and are again preparing for an outstanding turnout. Plans are underway to make this the most enjoyable and memorable event for all pattern flyers in 1991.

Here are just a few of the features of our 1991 event:

- Field open for PRACTICE FLYING on Friday June 7 - 3 PM
- REGISTRATION starts Friday evening at 6 PM
- Friday "DESIGN & CONSTRUCTION SEMINAR" - 7 PM at the site.
- CLUB TRAINED JUDGES for all classes
- USPJA LEVEL 1 JUDGES for FAI
- THREE FLIGHT LINES
- TROPHIES and MANY PRIZES for most contestants
- CAMPING at the site (no hook-ups)
- GALA SATURDAY NIGHT BANQUET - 7 PM at the Sayre Elk's Club
 - * One buffet ticket included in registration fee
 - * Entertainment
 - * GOOD FUN AND FELLOWSHIP

Come early, bring the family, and visit some of the attractions in the area. A tourist information package will be mailed to anyone requesting same on their pre-registration form. This package will include information on a few of the attractions that will be of interest to fellow modelers such as the excellent Curtiss Museum, National Soaring Museum, Corning Glass Center, local wineries -- all within 60 minutes if Sayre.

Please send the pre-registration form as soon as possible. Again this year we will be holding a SPECIAL DRAWING for a significant prize for all those who pre-register.

PLAN NOW TO ATTEND THIS YEAR'S MAJOR NORTHEAST PATTERN EVENT!

Sincerely;

Bob Noll

BOB NOLL, Contest Director

Just a reminder, another exciting season of pylon racing will begin on Tuesday, May 14 at 600 p.m. sharp! Both classes, 1/2 A & modified sport pylon, will compete. Come on out after work and join the fun! Spectators are welcome and helpers would be greatly appreciated.

Contests -----

As a supplement to the previously published list of A.G.S. events for 1991 (Feb. issue of the "Connector"), I have put together the following list of contests. Most of these events with a few exceptions, are within a reasonable driving distance of this area. For further information please call me at 786-0413.

| Date | Event | Location |
|------------|---------------------------------------|-----------------------------|
| 5/19 | Pattern Contest | York, Pa. |
| 6/1 | Pattern Contest | Lakehurst, N.J. |
| 6/1, 6/2 | Fun Fly | Rochester, N.Y. |
| 6/2 | Fun Fly | Selinsgrove, Pa. |
| 6/15, 6/16 | Pattern Contest | Bridgewater, Ma. |
| 6/15, 6/16 | Fun Fly | Kingston, Ohtario |
| 6/16 | Pylon Racing | Phoenix, N.Y. |
| 6/22, 6/23 | Early Vintage RC Fun Fly | Easton, Pa. |
| 6/22, 6/23 | Pattern Contest | Bridgeport, Conn. |
| 7/6, 7/7 | Fun Fly | Clearfield, Pa. |
| 7/6, 7/7 | "STARS" Scale Contest | Olean, N.Y. |
| 7/13-7/21 | ANA Nationals | Lawrenceville, Ill. |
| 7/19-7/21 | Curtiss Museum Fun Fly (Scale) | Hammondsport, N.Y. |
| 7/20, 7/21 | Valley RC Fun Fly | Sayre, Pa. |
| 7/20, 7/21 | Electric Fun Fly | Easton, Pa. |
| 7/28 | Pylon Racing | Phoenix, N.Y. |
| 8/10, 8/11 | Binghamton Aeros Giant RC Air Show | Chenango Bridge, N.Y. |
| 8/10, 8/11 | Pattern Contest | Monticello, N.Y. |
| 8/17, 8/18 | RC Report Shoot-Out Fun Fly | Huntsville, Al. |
| 9/17, 9/18 | Pattern Contest | Easton, Pa. |
| 8/25 | Pylon Racing | Phoenix, N.Y. |
| 8/31, 9/1 | Pattern Contest | Shreveport, Pa. |
| 8/31-9/2 | 2nd Annual RC Reunion | Selinsgrove, Pa. |
| 9/7, 9/8 | Rhinebeck Jamboree | Rhinebeck, N.Y. |
| 9/14, 9/15 | KRC Electric Fly | Quakertown, Pa. |
| 9/14, 9/15 | Pattern Contest | Westover AFB, Chicopee, Ma. |

FOR SALE

Mr. MULLIGAN

Bud Nosen ~~Manscaung~~ (a biggy), needs minor repairs...\$100.00. Call Tim Roger's on 786-0413.

* * * * *

How to Repair Scratched Windshields, Canopies, Etc. (Excerpted from AMA N.N.)

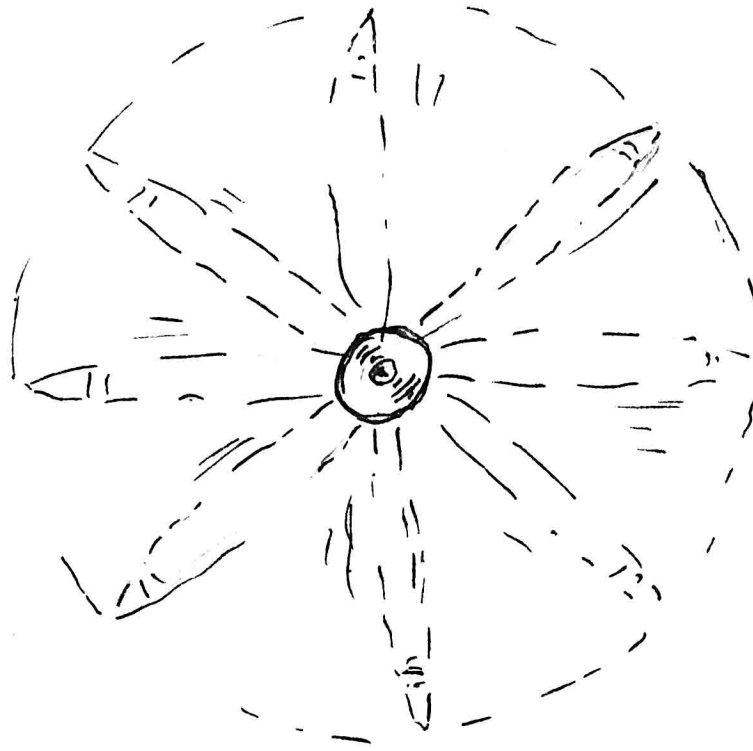
Have you ever got to the point where your newest creation was ready for painting and in the course of sanding the airframe, you accidentally sanded the canopy? If you haven't you don't use sandpaper and you don't build aircraft with windshields or canopies.

Well, now that your entire day is ruined by this scratchy situation, take heart and let's try to get a clear view of things. First thing to do is forget about this mishap momentarily and proceed to finish the model in all its splendid colors, markings, etc. When things look great except for the canopy, now is the time to clear up the problem.

Mask off the entire canopy where the framing meets the fuselage using 1/2 inch or wider masking tape. Now sand! That's right, sand the entire canopy using #600 wet or dry sandpaper, using plenty of water. Pay particular attention to areas with severe scratches. Sand the entire canopy until it looks foggy or sort of like fine frosted glass. By this time you may think I'm crazy but hang in there, your pilot will soon see light. At this point, dry the canopy thoroughly. If the tape has become soggy, remove it, and replace with fresh stuff when everything is dry. After masking (being careful not to touch any of the sanded area) add whatever method you prefer to cover adjoining areas to protect them against over-spray.

Mix up some "Hobby-Epoxy" clear with gloss brushing hardener and about 20% thinner. Let this mixture set for about 15 minutes before using. While your waiting, lock the dog, the kids, and your wife in the closet. Then take out your tack rag and wipe the entire canopy. Now that all the dust (kids, dog, and wife in closet) noise have settled, it's time to spray with your airbrush or whatever. Spray one light coat of your clear epoxy mixture over the entire canopy. Wait five minutes and repeat. Wait another five minutes and apply a wet coat. Presto! You and your pilot can see eye to eye. If things are still a little hazy, apply one more wet coat and quit. If blushing appears, hang in there. It will go away by itself. A half hour after your last wet coat, you can unlock the closet, but don't touch the canopy. Let the clear set for 24 hours before removing the masking tape, etc. If you have fine dust specks in the finish, wait three days and wax...that's right...wax the canopy with a good grade of automotive wax that contains a fine cleaner. Buff and WA-LA!

* * * * *



NASTY, NASTY, NASTY

!

Let's be careful out there!

Aero Guidance Society, Inc
P.O. Box 39
Vestal, New York 13850-0039