



# Eagle Screams



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Monthly Publication of the Screamin' Eagles

January 2005

The Screamin' Eagles Giant Scale Model Airplane Club meets on the 2nd Thursday of the month. If you have any questions about club activities or meeting location please contact one of the following members.

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## January Meeting to be held at Rex's Innkeeper



Happy New Year Eagles! Our January 13, 2005 Screamin' Eagles meeting will be held at Rex's Innkeeper in Waunakee.

Bring lots of show and tell goodies because we have lots of space at Rex's. Most likely Harley has about two more projects completed since our last meeting. Come early for some great food and drink to show our appreciation for using their place. You've got to admit we are well taken care of.

See you at Waunakee. *Le Roy*



## Prez Sez — By Bill Disch

There isn't too much new going on but I felt I should write something. I had a good Christmas and hope the rest of you did too. I'm building a Phaeton 90. It's a kit and not an ARF. I'm making a few changes. The landing gear; wing struts and cable controls seem to be coming along fine. My goal is to have it completed by spring.

Happy New Year and may all your flights be safe and crash free! Remember...flying is the second greatest thrill known to man. The first is landing?? See you at the January meeting??

## December Minutes - By Mark Johnson

Bill Disch asked if we were going to have another event next year. It was discussed and decided to have our event on the 2<sup>nd</sup> weekend of June, Saturday, June 11, 2005. Le Roy Stuczynski will sanction the event for that date. Mark Johnson will do the new flyer for the event.

We got to the treasures report 1/2 way through the meeting and the secretary's report must have been approved as printed, because we skipped that completely.

Continued on next page

Minutes – Continued

2005 Officers

President: Bill Disch  
Vice Pres: Tom Lazar  
Treasurer: Le Roy Stuczynski  
Secretary: Mark Johnson  
Editor: Le Roy Stuczynski  
Research Editor: Mike Pirkel

Last year we had 19 members, we are at 14 paid to date for 2005.

We will be meeting at Rex's Innkeeper for the winter months through April.

Show and Tell

Ray Walsh brought in an Ohio RC kit he has been working on for a couple of years. It was done up in the beautiful PATTY WAGSTAFF red color scheme. The model is 27% with a U.S.-42 swinging an 18/10 prop. He used Nelson fabric and Farm & Fleet spray bomb paint. The plane weighed in at 19lbs. It was very nice looking.

Raffle prize winners:

Bill Disch "epoxy, airplane voltage tester"  
Le Roy Stuczynski "batter pack, servo"  
Rob Goebel "RECIEVER, servo"  
Mark Johnson "servo arms, propeller cover"  
Roy Seals "Gem 2000 gismo, Gem 2000 gadget, Thread locker, drill bits" (somehow he fixed the raffle without being there)  
Joel Wyttenbach "Allen wrenches, 2 servos, switch harness"  
Harley Nelson "servo,"  
Charlie Schultz "said pass twice" thanks!  
Wayne Lanphear "Dubro fuel filler, Zap glue"  
Tom Lazar "2 oz CA, Dash panel, servo extension"  
Carl Bachhuber "propeller covers"

THANK YOU CHARLIE AND ROB FOR ADDING ITEMS TO THE RAFFLE!!

Mark



Trez/Ed Sez - By Le Roy Stuczynski

Hi Eagles. I had kind of a long extended, yet enjoyable, Christmas. My wife and I rode with my brother in law and sister in law to



Cumberland, WI to spend Christmas day with their son (my nephew), wife, and daughter. My boys were unable to get home until the weekend after Christmas so we planned another get together for the New Year weekend. It was a hectic month and my poor wife Sue has been sick for nearly four weeks.

As I indicated in the last newsletter, I lost a substantial amount of data when I changed computers. I pretty much recovered from the catastrophe when I found the backup file of the model inventory data base I thought was saved was actually corrupt and unrecoverable. Yup...I had to re-key all the data. Needless to say, with all this turmoil as well as new museum problems, I didn't think too much about anything else. Unfortunately this included my Screamin' Eagles responsibilities.

It wasn't until today that I realized I hadn't sent in the sanction for our June event. I sent it in today but it's later than last year. I think we will still get as much High Flight advertising as last year and maybe one month less AMA advertising than last year. I'm very sorry guys. I think I should be fired! I'm not sure how much these advertisements draw our participants but Mark's early work on our event flyer should help more than the sanction advertising anyhow. The important thing is that we will be sanctioned. Right?

I mentioned museum problems. Due to financial problems and a reduced Gallery inventory for transfer, the Valiant Air Command in Titusville, FL is no longer interested in the remaining memorabilia. Consequently it is now necessary for me to explore other means of disposition. Never assume the road will always be paved for the entire journey because soon you will encounter a bump in the road.

I wish all this was behind me but I do realize that time is something you can never regain so I just have to keep on trucking. Luckily we have a potential buyer for the house and they have a lease through May 2005 so this will give us some additional time to deal with the entire project. I've just got to stop looking at this as one big project but deal with a piece at a time. It just seems like when I feel I have made progress, I take a step backwards. Fortunately the people who are interested in the house will be most flexible in helping me with disposition timing problems.

Well, I'm sorry for boring you with all of this and I again wish you all a Happy New Year and, like Bill says, may all your flights be safe and crash free. See you at the Innkeeper. 



**MIXING EPOXY:**

**What to do when epoxy doesn't harden properly**

Epoxy is one of the best modeling materials available. It's useful as an adhesive for wetting out fiberglass cloth, as a filler, and as a finishing material. It can be thinned or thickened for a variety of purposes. But, even though it is useful, epoxy also can be a pain when it doesn't harden properly. Continued on next page



There are two important issues when dealing with epoxy: proportioning and mixing.

Of these two, mixing is the most critical. Misproportioning the hardener to the epoxy generally leads to slow hardening, but lack of proper mixing can lead to permanently sticky epoxy. One hundred quick, hard strokes are recommended when mixing any amount of epoxy. Count them to make sure that your mixing is adequate.

Always mix your epoxy before putting in any additives. Both thinning or thickening agents can keep epoxy from mixing properly. Give the epoxy 100 strokes first and then put in the additive.

### Thinning

Epoxy can be thinned using acetone or denatured alcohol. Either of these can be added to make it more watery. A mix of up to 50% doesn't seem to have any effect on the final strength of the epoxy. Thinning the epoxy will slow down the curing time and make it wet out fiberglass and carbon fiber better. Thinned epoxy also can be wiped onto balsa or obechi as a finish.

### Thickening

Epoxy can be thickened by adding almost any inert fine-grained solid, from sand to cotton fiber. Modelers usually use micro balloons for thickening epoxy since they are readily available and add little weight. Thickened epoxy can be used to make fillets or to fill gaps.

### 5 minutes, 15 minutes, 30 minutes, more?

Epoxy comes in formulations for different curing times. The times listed on the package are strictly nominal and generally refer to curing time. Five-minute epoxy does not give you five minutes of working time. At best, you will get 20 seconds of working time in which to place 5-minute epoxy before it starts to "hit."

Thirty-minute epoxy gives you around one to three minutes before it starts to hit. These times will vary with temperature, mix proportions, and proper mixing, but they are good reference points. In general, 5-minute epoxy is only for spot gluing. It is great for small, quick jobs but not for involved tasks.

A general rule of thumb is the working time for epoxy (after 100 strokes of mixing) is about 10% of the time listed on the package. Keep in mind that epoxy mixed and left in the cup will hit faster than epoxy that is spread out immediately.

### Clean up

Epoxy on the hands can be cleaned with acetone, denatured alcohol, or vinegar. Vinegar is the most desirable of these three but it smells. I find that soft soap, when used straight and rubbed patiently and thoroughly on the hands, removes epoxy residue in a completely satisfactory fashion. Try it; you'll like it. The best thing to do is wear latex gloves while working with epoxy and toss them when you're done. It avoids any possible allergic reaction and eliminates the clean-up problem.

From the newsletter of the R/C World Flyers  
Al Sorensen, editor, Orlando FL



## Laughter is lighter than air



A pilot was sitting in his seat and pulled out a .38 revolver. He placed it on top of the instrument panel, and asked the navigator, "Do you know what I use this for?"

The navigator replied timidly, "No. What's it for?"

The pilot responded, "I use this on navigators who get me lost!"  
The navigator proceeded to pull out a .45 and place it on his chart table.

"What's that for?" the pilot asked.

"To be honest, sir," the navigator replied. "I'll know we're lost before you will."

From *Space City Crash*  
Space City R/C  
Mike Crofts, Editor  
Houston TX



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