



MARCH 2000

CONTACT

By: Bill Mintz

Well, it looks like Dee Miller is off the hook! As President of the club, I **DO KNOW** who is going to be a nominee for the eight ball award. Be at the next meeting to find out if Keith Hunt makes it...

I would like to thank Al Gaudiosi for a great presentation on servos. I personally learned several tidbits about servos. He also presented a new glue he found that is fantastic. If anyone has any rugrats that they would like to keep stationary, see Al about the "wonder mix."

Next month's meeting will be unique in the fact that Norm Skinner will have a presentation on MonoKote. If you remember, Stormin' Norman had a Spitfire that he covered with MonoKote that looked fantastic. Like the last two presentations, I'm sure there will be tidbits about MonoKote for each of us to learn.

At my first executive board meeting, several items were discussed. One in particular was that the club will start tracking years of

membership, and recognize them in five year increments. The other item of importance is that we will now add to the 50/50 drawing a contest for a prize donated by Jim

Helicopter Operations
Once again we must remind everyone that Helicopter operations are restricted to the designated helicopter areas. Continued violation of approved helicopter procedures may result in all helicopter operations being

Nunnallee's Hobby Shop and the club itself. The only rules are: 1) You must attend the meetings, and 2) You must sign the register.

An item that has been brought to my attention is the amount of trash at the field. We are now in a **No-Burn** situation. One of the remedies is that if you bring items that need to be discarded to the field, we ask that you please take them with you when you leave. This will help eliminate the trash problem at the field.

The club's membership

seems to be running higher than normal, which means that we have new members who do not know club rules and etiquette, and some older members that could use a refresher course. If you see someone failing to observe club standards, please tell them politely; do not make a mountain out of a molehill.

On another field-related note, please remember to start your engines (whether airplane or helicopter), on the flight line. Please remember, **no starting in the parking lot**, and safety is everyone's responsibility.

See you at the next meeting for a good presentation by Stormin' Norman, prizes by Jim's Hobbies, and a hilarious eight ball (courtesy Keith Hunt)!

**Up coming programs
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At last months meeting Al Gaudiosi gave a wonderful

The IRCC monthly club meeting is held at the Mulberry City Hall at 7:30pm on the first Thursday of each

**OUR NEXT MEETING IS:
March 2nd**

The deadline for contributions to the next newsletter is:
March 15th.

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presentation on servos. Prior to his presentation he told us about a new glue he uses. Jim Nunnalle offers the following regarding the glue mentioned.

POLYURETHANE GLUES

Polyurethane glues were developed several years ago in Europe as non-fuming alternative to epoxies. The glues have not had much publicity with regard to R/C model building, however, they possess many useful properties. They are available from many woodworking mail-order houses, and are now finding their way into various lumber/home supply/ tool super stores. They go under brand names such as: Gorilla Glue, Titebond Polyurethane Glue, Excel, Elmers Pro Bond Polyurethane, and others. More brands seem to be appearing with time.

These glues have a consistency similar to epoxy during application, with some variation in viscosity. The polyurethane glues have little if any discernable odor. They are single component glues which are catalyzed for curing by moisture or humidity in the atmosphere.

Polyurethane glue is comparable in cost to epoxy, however, it needs to be applied to only one of the surfaces to be joined. Compared to epoxy, a little bit goes a very long way,

and there is no waste. Like epoxies, polyurethane glues produce very strong bonds with many materials; and for the model builder, they work very well with balsa, hardwoods and metals, and they are very effective on polystyrene foam. They are waterproof, and highly fuel resistant. Basically, once cured, they cannot be attacked by most solvents used in model plane building.

The glue bond they produce is very tough and somewhat flexible. Best of all, these glues sand easily so cleanup of external seams is easy. leaving no significant glue ridge. The polyurethane glues are not appropriate for quick assembly, but are very useful when some adjustment of the members to be joined is needed. Gorilla Glue has a 20-minute working time. Clamping (or pinning) is required for two-to-four hours. In the humidity of a normal Eastern U.S. environment, about 2 hours will suffice.

During the curing process, some foaming of the glue occurs. This drives the glue into the wood pores, and makes it easy to achieve exceptionally strong bonds with small quantities of glue, for example in laminating sheets. It is necessary only to spread the glue thinly on one side to be joined. The glue then forces itself into the pores of both surfaces and achieves a strong and light weight bond.

It is not dependent on capillarity

to achieve penetration. The foaming action does fill gaps. However, it remains important to get good joint fits for maximum strength. Gorilla Glue claims that gaps up to 0.1 mm can be tolerated without loss in joint strength.

The foaming also results in some squeeze-out of glue at the edges. That glue which squeezes out of the joint during curing can be cleaned up easily by scraping or sanding. Usually, the sanding required is light, and the joint can be cleaned up without gouging or causing a projecting glue joint above the surrounding balsa. However, some forethought is advisable. It's best to select another glue if a clean joint is required and sanding or scraping is not possible (for example in hinge installation).

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Up Coming Programs

March

Norm Skinner on how to MonoKote. Norm is a as good as they get, so come to the meeting to learn the basics and some of his secrets!!

April

John Burdin on radios. Learn about the history of radios, what radio may be right for you and how to set up your radio. Lots of great information!!

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**Regular Meeting Minutes
February 3, 2000
By: Keith Hunt**

Meeting called to order : 7:30pm,
all officers present.

Attendance - 22 members.
Total Membership - 71

New members - None present.

Guests - None.

Field Maintenance Report - The club expresses thanks to Ian Clark and Jim Nunnallee for making repairs on the roof of the impound area.

Safety Report - Norm Skinner asks that pilots please give student pilots a little room while flying. (Secretaries note - Although it is not a rule, it is a nice courtesy and a safe flying practice to stand down briefly to allow an unusual aircraft, (Jets etc.) or an unusual flying circumstance, (Testing of a new plane, student pilot flights etc.), to complete their flight before resuming normal "pattern" type activity. This courtesy is very much appreciated by the affected pilots.)

Instructor Report - No report.

Events - No discussion.

Old Business - President Bill Mintz would like to remind everyone that there is to be no flying behind, (South), of the East-West runway.

**March
BIRTHDAYS**

Eric Allard	2nd
Art May	3rd
Steve Fowler	9th
Donald Butera	10th
David Burton	13th
Doug Thomas	14th
Chris Schmitz	17th
Bobby Brigman	26th
Frank Ciccarello II	27th
John Burdin	29th

HAPPY BIRTHDAY TO

New Business - An executive board meeting will be held Thursday Feb. 10, 2000 at Jims' Hobby Shop in Mulberry.

Plane of the Month - Al Gaudiosi, by default, wins again with a great looking Byron P-51D Mustang.

8 Ball Award - None.

Meeting adjourned - 8:45pm.

**Here's a little bit of humor
for all us to enjoy.**

The math teacher saw that little Johnny wasn't paying attention in class. She called on him and said, "Johnny! What are 2 and 4 and 28 and 44?" Little Johnny quickly replied, "NBC, CBS, HBO and the Cartoon Network!"

At Sunday School they were teaching how God created everything, including human beings. Little Johnny, a child in the kindergarten class, seemed especially intent when they told him how Eve was created out of one of Adam's ribs. Later in the week his mother noticed him lying down as though he were ill, and said, "Johnny what is the matter?" Little Johnny responded, "I have a pain in my side. I think I'm going have a wife."

Little Johnny's kindergarten class was on a field trip to their local police station where they saw pictures, tacked to a bulletin board, of the 10 most wanted criminals. One of the youngsters pointed to a picture and asked if it really was the photo of a wanted person. "Yes," said the policeman. "The detectives want very adly to capture him." Little Johnny asked, "Why didn't you keep him when you took his picture?"

It's almost Mall Show / AirShow time. There is lot's to do and plenty of help is needed. Call Jim and Keith and volunteer. After all it's your club.

Your Needed!!

