



# The Tailwind



FEBRUARY

DON LEWIS, EDITOR

2008

President: Lonny Johnson Vice-President: Tommy Whitworth  
Treasurer: Percy Hallock Secretary: Jeff Jordan  
Safety Officers: Bill Pruner, Phillip Elmore, Ron Hogan

## Next Meeting February 15 - Be There!

Be sure to check out the website at [www.fly-hrcc.org](http://www.fly-hrcc.org)

### MEETING MINUTES

#### New Business

- Meeting was called to order at 7:00 PM by President Lonnie Johnson
- Two visitors were present: David Bruce who joined the club and Lynn Perks.
- No Minutes were approved because the December meeting was our Christmas get together at Steamboat Bill's.
- Percy gave the treasurer's report
- Treasurer's report was approved
- Discussion of the current field conditions was discussed at great length after the incident of someone cutting up the field with a vehicle. We discussed what would need to be done to repair the field and set a tentative date to perform the work
  - Mike Nickens - Will provide seed for new grass and pull the roller to roll the field
  - Gene Heard - Will scrape the field with a pallet before seeding and rolling
  - Percy and Ron will provide the roller full of water to roll the field
  - Bill Carol - Provide the pallets and supervise
  - John Cross - Will provide a plug aerator to aerate the field before seeding
  - Lonnie Johnson - will provide cinder blocks for the pallets

#### Old Business

- Lonnie Johnson has submitted the Event Applications to the Parks Department for the Spring Air Show on May 17, 2008 and for the Fall Air Show on October 18, 2008. Also Shelter #6 has been reserved for both events.
- The MTRCCA has requested a meeting at our field in March to discuss the layout of the field and discuss safety issues if any, parking, setup. They requested that our safety officer Bill Pruner be present along with the principles of the organization to assist in safety considerations. Bill Pruner will be available on March 1 and March 22. I will submit these dates to the MTRCCA for the final decision on the date.
- Percy request and was given authorization to make a donation to charity when a member dies instead of sending flowers to the funeral. John Cross suggested that it be left to Percy to determine which should be done. Everyone agreed.
- Bill Carol suggested that someone should talk to the police about this situation and increasing patrols in the park. It would be very disturbing to perform all this work on the field and have someone destroy it again.
- Jim Jennings suggested that we write a letter to Mayor and the Chief of Police to explain what we do to maintain the field and that we need help from them so assist in keep the park in good order by increasing the Police

Patrols in the park. Lonnie Johnson will write the letter to the Mayor and the Chief of Police.

- Lonnie Johnson request that the members begin to think about volunteering for mowing this year and be able to provide names of those who can so that he can get the mowing schedule done by March.
  - Ron Hogue mentioned that the weeds were starting to get high around the water on the left side of the runway. No suggestions as to what can be done other than it will take a bush hog to clean it up.
  - Trainer Pilots for 2008 were discussed. Lonnie Johnson and Mike Nickens will be the Pilots for 2008/ We still have room for one more if anyone wants to volunteer.
  - Mike Nickens brought up the new policy of the AMA for park flyers and the use of an AMA flying field. Mike agreed to place signs in local hobby shops saying the we provide instructor pilots for those new to the hobby.
- There being no further business, a motion to adjourn the meeting was made, seconded, and unanimously approved at 8:15 PM.

## TREASURER'S REPORT

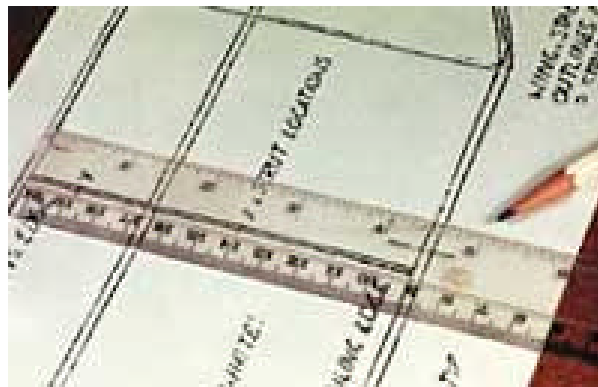
I didn't get a chance to get the Treasurer's Report from Percy, but I know that we still have something in the club treasury. By the way, **DON'T FORGET TO PAY YOUR 2008 DUES!**

## BUILD A RIB JIG

*by Randy Randolph*

Sliced ribs, which are perfect for single-surface and tapered wings, are the scratch-builder's answer to laser-cut ribs! They can quickly be cut out, and one size fits all. If you're building a constant-chord wing, they are complete as sliced; to build a tapered wing, simply trim the leading or trailing edges to fit. Because the spars must be tapered to fit between the bottom strip and the rib at each station in a tapered double-surface wing, the depth of the sliced rib is important. The photos show how to easily and quickly produce sliced ribs of uniform depth.

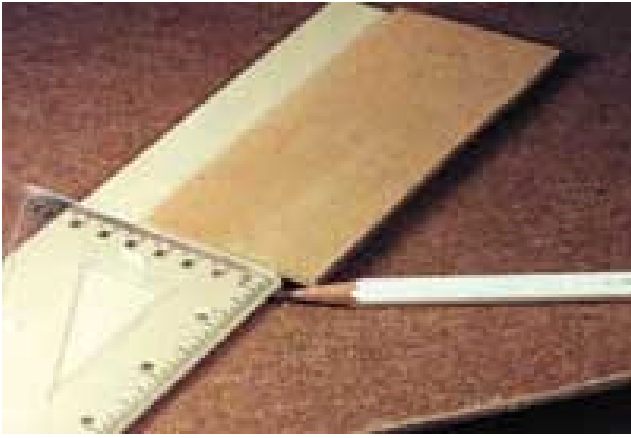
The first step is to measure the length of the longest rib in the wing. In this case, the ribs are for a small, 3-channel, indoor RC model. This wing will have a single spar, but you can cut ribs for a multi-spar wing in exactly the same way.



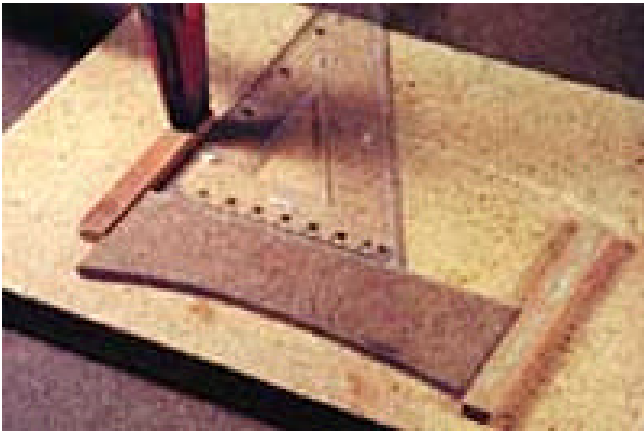
Mark the rib length on a hard board; Masonite works well. This piece will be the ram in the rib-slicing jig, so it is important that all of its edges are square.



Use the ram as a template to cut a piece of balsa sheet that's the same length as the rib, with its wood grain running the length of the rib. The longer the rib, the thicker the balsa sheet needs to be; 1/16-inch-thick wood is good for up to 6-inch-long ribs that have a single spar and up to 8-inch ribs that have multiple spars.



Tack two, 1/4x1/2-inch strips of hardwood or balsa on each side of the ram for a slop-free fit. The tops of these strips must be parallel to the top of the ram.



Trace the contour of the rib on a piece of hard board that is the same width as the outside edges of the strips you just tacked into place on the jig; then saw out the rib template. This will be held tightly against the tops of the strips and even with the two sides as you slice the ribs.



Select a strip of wood that's as thick as the desired rib will be deep; in this case, 1/8 inch thick. Hold the rib template in place on top of the jig rails, place the strip above the template and use it as a spacer to tack a third hardwood strip parallel to the top of the jig rails. The jig is now complete.



Place the precut sheet balsa into the jig and slide it against the stop. Place the template on the top of the rails and use it as a guide to slice the top of the first rib. Hold the razor knife as close to vertical as you can. Remove the slice, and use the ram to push the balsa sheet up against the stop; hold the template in place and slice the rib. Slice the rest of the ribs the same way, and all will have the same dimensions. Enjoy!

## EDITORIAL

### Time to Pull Together



With the recent vandalism at the field, I was really impressed with the members of our club pulling together to find a way to get the field back in shape. This type of teamwork is what holds clubs like ours together. Instead of whining and complaining and asking the city to repair the field, our club tries to figure out how we can take care of the issue.

I was out at the field last week and was actually able to take a plane off and land it by being very selective where I taxied and touched down. I, though, was only flying a small (42" span) plane, and I think that larger planes will have some issues with some of the ruts. At least all of the hard rain

we have had recently has softened some of the tracks a little. I am confident that a good workday will get the field back into shape.

Our major issue is how to work with the city to help prevent its reoccurrence. A game camera was suggested, and it looks like a relatively inexpensive, workable precaution that the club can take on its own. The more evidence we can provide the authorities, the better the chance of catching anyone vandalizing the field.

I also understand that the police department has promised to provide additional coverage in the parks during the hours that vandalism normally occurs. I think that this is a great response to the problems – it looks like the new administration is serious about the parks. We should applaud them and help them in any way we can.

I, for one, am looking forward to getting the field back in shape. Let's break all of the club's past records for participation in work at the field. Let's everybody show up to help!

*That's my opinion - it oughta' be yours! ☺*

## **LETTERS TO THE EDITOR**

*I will welcome any member to submit an opinion in writing so long as it is civil in its expression (I reserve the right to make that determination). You can email your letters to the editor to me at [Don\\_Lewis@comcast.net](mailto:Don_Lewis@comcast.net), or just give them to me at a club meeting.*

What?! No Letters?! Come on send one in... people are starting to think you're chicken!

## **NOVICE NUANCES:**

### *Miscellaneous Tips*

- Rubber bands should be replaced on a regular basis as fuel residue and sunlight quickly shorten their usefulness.
- The pick-up line that extends from the heavy "clunk" will terminate at the carburetor. The purpose of the "clunk" is to be constantly "in" the fuel (inside the tank) regardless of the attitude of the plane by permitting gravity to pull both the fuel and clunk in the same direction. When you have finished installing the tank, you should be able to hear the sound of the clunk banging against the sides of the tank when you shake the plane. If you don't hear that sound, either the clunk has been forced forward into the front section of the tank, the fuel line extending from the brass tube to the clunk is too short, too long, or it lacks flexibility and has to be replaced.

*By Jerry Fiesta*

## **WHY DIDN'T I THINK OF THAT?**

### **CyA Removal from MonoKote**

To remove CyA from MonoKote, use a combination of acetone and toothpaste. Dampen a soft cloth with acetone and a small dab of toothpaste, and rub gently. The MonoKote should not be scratched, but test an inconspicuous area first just to be safe.

*— Fill Bennett, Chattanooga, TN*

### **Extra Weight**

Often, you have to add extra weight to the nose or the tail of an airplane to achieve the proper CG, and lead seems to be the material of choice for this task. Shower-base liners are made out of lead, and you can cut them into small pieces easily with scissors and then bolt them on. The lead is approximately 1/16 inch thick, and you can cut it to fit almost anywhere. Used and new shower-base liners can be purchased from plumbing supply houses.

— *unknown*

## **NEW PRODUCT!**

### **RealFlight G4**



RealFlight G4 adds a number of new features, many of which were suggestions by users that have been integrated into the software. You have been talking and they have been listening!

Some of the new aircraft come with multiple paint schemes or finishes including the Extra 300L, the Catalina and even some of the helicopters. G4 has updated some of your favorite aircraft with new finishes. The L39 and the P51 are two that appear to have new choices in paint or color schemes.

One important note: RealFlight G4 is not compatible with the RealFlight Classic or G2 Add-Ons packs. It is, however, compatible with all four RealFlight G3 Expansion Packs. Apparently, the older Add-Ons just couldn't be easily reworked to fit into G4's way of doing things, but they are still looking into some way of making these packs available to RealFlight G4 customers.

## **SOMETIMES YOU JUST HAVE TO LAUGH...**

A little boy was walking down a dirt road after church one Sunday afternoon when he came to a crossroads where he met a little girl coming from the other direction.

"Hello," said the little boy.

"Hi," replied the little girl.

"Where are you going?" asked the little boy.

"I've been to church this morning and I'm on my way home," answered the little girl.

"Me too", replied the little boy. "I'm also on my way home from church."

"Which church do you go to?" asked the little boy.

"I go to the Baptist church back down the road," replied the little girl.

"What about you?"

"I go to the Methodist church back at the top of the hill," replied the little boy.

They discover that they are both going the same way so they decided that they'd walk together.

They came to a low spot in the road where spring rains had partially flooded the road so there was no way that they could get across to the other side without getting wet.

"If I get my new Sunday dress wet my Mom's going to skin me alive," said the little girl.

"My Mom'll tan my hide too if I get my new Sunday suit wet," replied the little boy.

"I'll tell you what I think I'll do," said the little girl "I'm gonna pull off all my clothes and hold them over my head and wade across."

"That's a good idea," replied the little boy. "I'm going to do the same thing with my suit."

So they both undressed and waded across to the other side without getting their clothes wet. They were standing there in the sun waiting to drip dry before putting their clothes back on when the little boy finally remarked, "You know, I never did realize before just how much difference there really is between a Baptist and a Methodist."

## **PRODUCT REVIEW:**

## 1919 WHITE SPORT MONOPLANE

Back in 1919, if you had a cool \$365, you could be the proud owner of a White Sport Monoplane. That was sans-engine, of course but it did come with a propeller, tires and everything else you needed (probably not those funny-looking goggles, though) to get you up in the air. It was, indeed, touted as "everything simplified."



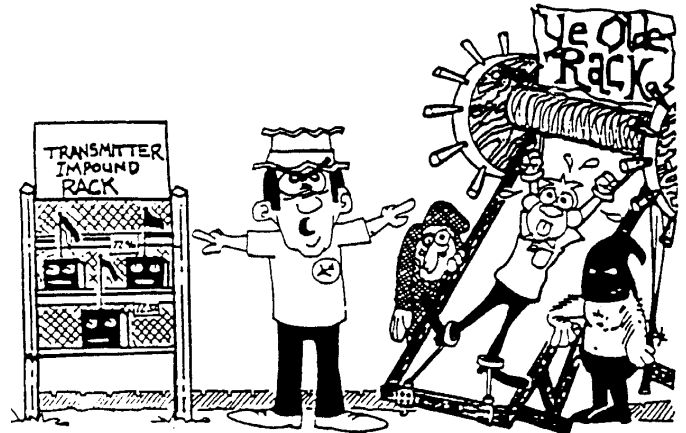
Oh, how times have changed.

But now, Bill Stevens of Stevens Aeromodel has brought that 200-pound (without engine) monoplane back to life, squeezing aeronautic history into 3 ounces of balsa, and it's still "everything simplified." Balsa sheets, full-size plans, wheels, tires, struts and more all for \$29.55... and that's in today's dollars!

For the complete review please visit:

<http://www.rcgroups.com/forums/showthread.php?t=737026>

## THE LIGHTER SIDE OF R/C



"Awright, you guys... either use this rack or we'll use THAT one".

## YOU MIGHT BE AN R/C MODELER IF...

By Bill Atkins, Byron, GA

... The neighborhood kids come to you to help them with their summer school projects.

... You can't understand how some men can get so involved with a silly thing like golf.

## BARGAINS YOU CAN'T PASS UP

**New Something Extra** built from kit. Install radio equipment and engine and fly. \$135.00

Bill Carroll 615-824-1982

**Goldberg Ultimate 300** Built from kit. Cowl has been cut and may need to be replaced - everything else new. \$200.00

Bill Carroll 615-824-1982

**Cloud Dancer**, 8' span, RC Showcase 140 SE engine, Cost \$850 to build, PCM 4 channel radio, all new batteries. \$500.00

Percy Hallock 615-264-3619