

Website of the Month

This month's website is a company called **RC Bearings.com**. As the name suggests, this company is a supplier of bearings for RC engines. From their website "Rc-Bearings is your best source for low cost, high quality silicon nitride hybrid ceramic, stainless steel and standard steel bearings". Here is the link:

<http://www.rcbearings.com/>

Do you have a favorite website? If so, let me know and I will put it in the newsletter. Favorite online store, how to build, how to fly, etc- send me the link! My email address:

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Glue and EPP Foam

I just finished building my first EPP foam plane and I thought I would share some of what I learned in regards to glues and EPP Foam. The two glues that I used were hot melt glue and Welders glue. I assembled most of the plane using "low temperature" hot melt glue, gun and glue available at Walmart. It worked well in most cases. The one place that the hot melt glue got me was when I was gluing a large area. The hot melt glue gun could not supply enough hot glue for the large area. Next time I will try Welders glue for large areas. The other minor disadvantage of hot glue is that you have to work fast. Of course, this is also an advantage because your glue joints set up quickly. Finally, I like how you can take apart hot glue joints by using a little rubbing alcohol.

I used the Welders glue (available at Lowes) to reinforce some of my hot glue joints and also to make a "glue hinge". The hinge that I'm referring to is for control surfaces such as ailerons, rudders, and elevators. I was pleased in the outcome of the Welders glue hinge.

Below are some links to videos that demonstrate what I discussed above:

Welders glue hinge:

<http://www.youtube.com/watch?v=bK3wi6gNTUE>

<http://www.youtube.com/watch?v=lvZLURq4V2o>

Hot melt glue hinge:

<http://www.youtube.com/watch?v=N4Of1ljTllo&feature=related>

Using hot melt glue to join EPP:

<http://www.youtube.com/watch?v=6jqmT4KilPE&feature=plcp&context=C3012ac3UDO EgsToPDskLawtNwbuN9cMM3Dzp1S04!>

Removing hot glue:

http://www.youtube.com/watch?v=tPw38johd_8&feature=plcp&context=C35c0b02UD OEgsToPDskKQCcBMOJMzEoRQCM_MCMD6

See you at the field.

Alan Fry
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