

## Dave Harding

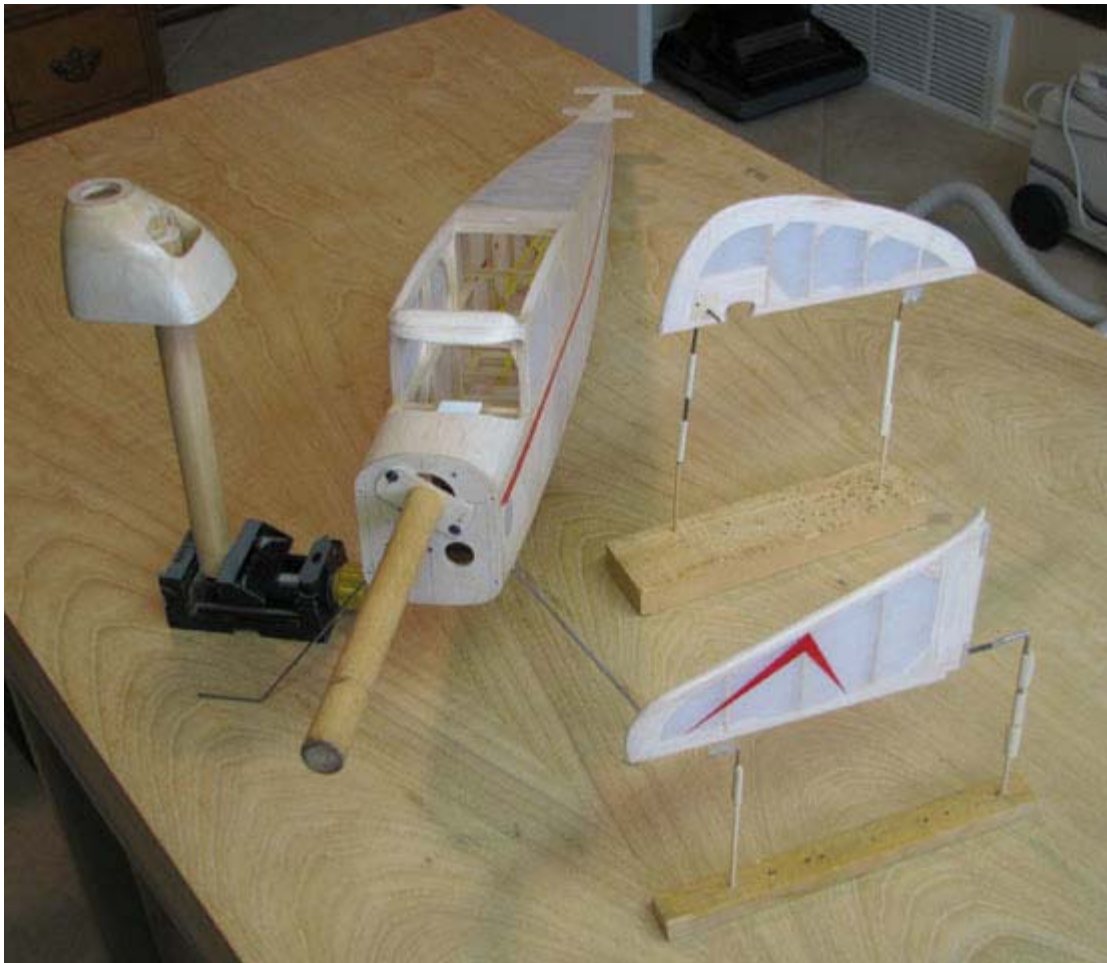
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**From:** Tandy C. Walker [tandyw@flash.net]  
**Sent:** Sunday, March 21, 2010 4:48 PM  
**To:** Undisclosed-Recipient: ;@smtp107.sbc.mail.mud.yahoo.com  
**Subject:** 84 Speed 400 Cloudster - Paint Fixtures for Air Brushing

*Speed 400 Cloudster Project*

We got up this morning to almost an inch of snow, a temperature of 30 degrees which seemed like 22 degrees with the 25 mph wind blowing. By the way, this our first day of spring here in north Texas. Brrrrrr! After going to Church, Sue and I went to breakfast and then returned home.

Since the Cloudster is 0.87 ounces short of meeting the 16 ounce minimum weight for the Speed 400 event, I decided to give the doped silk a coat of clear satin Klass Kote to achieve that ultra smooth finish. I spent this afternoon coming up with paint fixtures in preparation for air brushing one thin coat of clear satin Klass Kote on the fuselage, cowl, and vertical tail. To support the fuselage, a painting mandral composed of a 5/8" wooden dowel with a piece of 1/8" plywood on the end that was screwed to the firewall as shown below. The cowl was screwed to the end of a 3/4" wooden dowel to support it. Both the fin and rudder were suspended on 1/16" wooden dowels with a combination of 2-56 threaded rod and hinge halves that were fixed to the ends as shown below. These fixtures provide places to hold while each component is air brushed. The temperature is supposed to be back up into the 70's by Tuesday, so my plan is to do the air brushing sometime Tuesday afternoon, depending on temperature.



On a different note, I saw a picture of Albert Pardue's outstanding Eugene III competition rubber model on SAMTalk\_Forum yesterday, which is shown below. I noticed that this model has a beautifully installed windshield.



Thinking ahead on the Cloudster, I called Albert yesterday and had an informative phone conversation with him on windshield material (*windscreen to some*) and the adhesive to bond them on with. I want to pass along what he recommended.

Albert gets his windshield material (*kind of like Mylar, but called something different*) at the Hobby Lobby Arts and Craft store. It comes in three thickness'. He said the thinnest material was too flimsy for windshield and recommended one of the other two thickness'. He uses a glue product called "*Welbond-More Than Great Glue*". He gets it at Lowes or Home Depot hardware stores. He says it dries clear and works very well.

I called our local Hobby Lobby Arts and Craft store a little while ago, but they are not open on Sundays so I will get out tomorrow and see if I can pick up the windshield material and glue.....Tandy