

## Dave Harding

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**From:** Tandy C. Walker [tandyw@flash.net]  
**Sent:** Sunday, March 28, 2010 11:40 AM  
**To:** Undisclosed-Recipient: ;@smtp105.sbc.mail.mud.yahoo.com  
**Subject:** 91 Speed 400 Cloudster - Windshield Bottom Edge Seal

*Speed 400 Cloudster Project*

There are at least two approaches to seal the bottom edge of the Cloudster's windshield. These include (1) applying sparing amounts of either Weldbond or epoxy with a tooth pick along the seam or (2) trying to put thin striping tape around and over the seam. Yesterday afternoon I did a test case of trying to apply Weldbond with a tooth pick on a sample and that did not work out for me at all so I didn't even try the epoxy.

Next I tried putting 1/16" wide white striping tape around and over the windshield seam, stopping it at the corners where the side windows begin. The color of the white striping tape did not look very good and the 1/16" width was so narrow that I could not accurately control the amount of tape on the windshield and the amount on the fuselage's turtle deck for a good seal.

I did not have any 3/32" wide tape in white tape, but I did have some in both black and red. I put a strip of the 3/32" black striping tape around and over the windshield seam, stopping it at the corners as before. With the wider tape, I was able to control the amount of tape on the windshield and the amount on the fuselage's turtle deck and secure a good seal. However, the black did not look all that good either and I did not like the tape's abrupt termination at the corners.

I noticed that the color of the 3/32" red striping tape pretty much matched the color of the red Tamiya painted strip on the fuselage. It was then I got the idea to use the red 3/32" striping tape around and over the windshield seam, but instead of stopping it at the corners, take it on back along the bottom edge of the side windows and stop it midway on the upright behind the cabin. This way the thinner tape stripe will compliment the fuselage's side trim. The collection of the five pictures below show the red striping tape seal on the bottom edge of the Cloudster's windshield from different aspect angles:

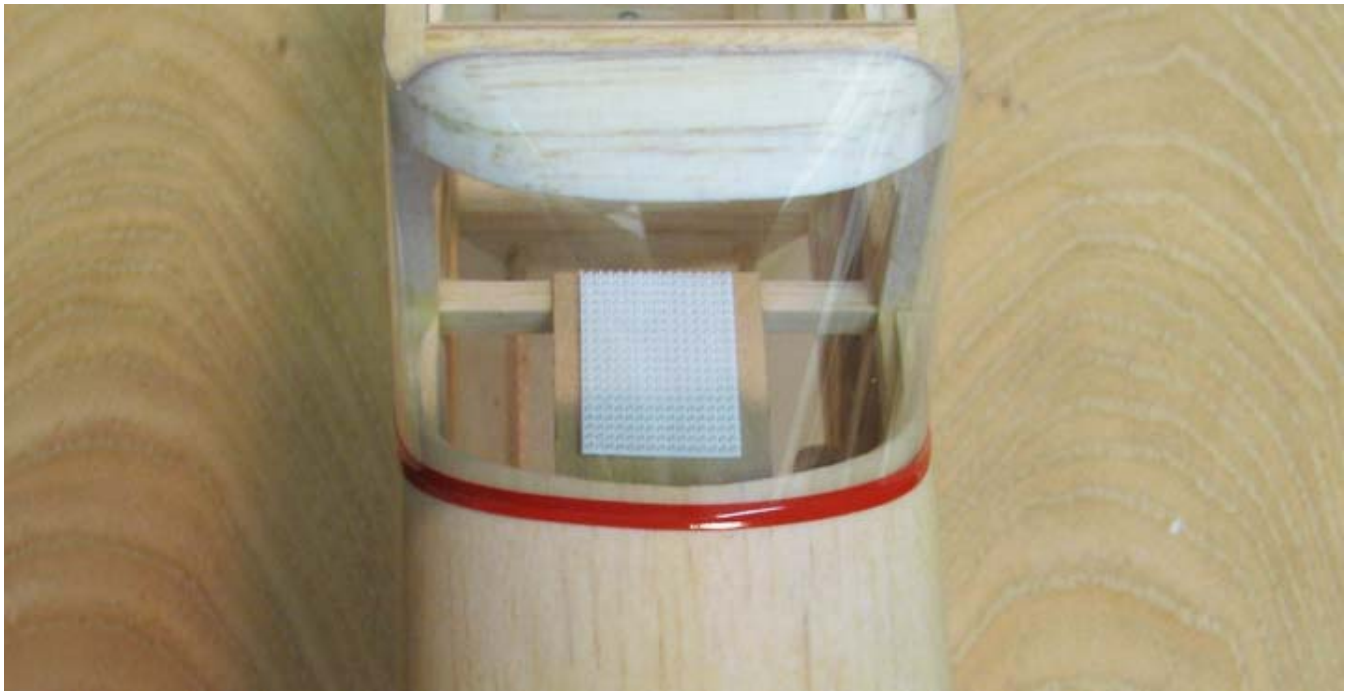
Right side View



Right Frontal View Close Up



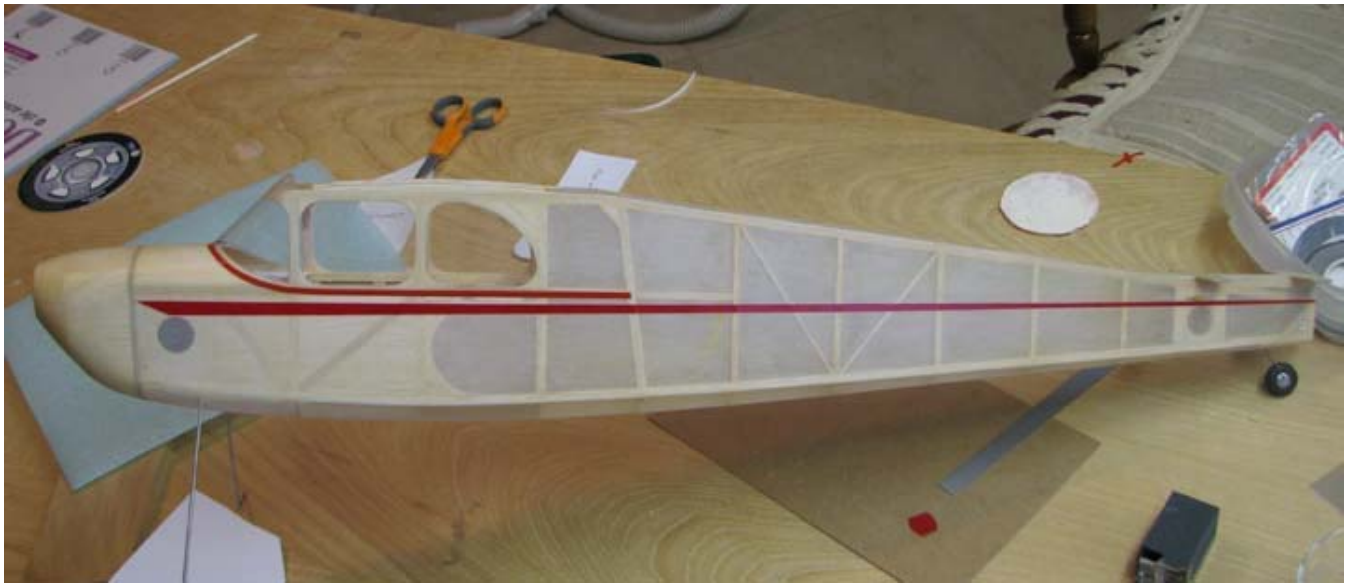
Top view showing the accurate control the amount of tape on the windshield and the amount on the fuselage's turtle deck. The bottom edge of the windshield is well sealed.



Left Frontal View Close Up



Left View of the Entire Fuselage



Well, what do you think of this approach of sealing the bottom edge of the windshield?.....Tandy