

J. Dale Wilson, Madison, WI

Mix rather small batches at a time (maybe a pint or so) and really whip the resin with a drill motor and a wire beater. I used 2 quart milk containers about 5-6 inches high for the mixing pot. You need something disposable easily cut down and easy to pour out of. I got about three batches from one container. Try to do the foaming when the temperature is over 70 or the bubbles will be too small and the resulting foam will be heavier, then too keep it below 90 or the density and strength will suffer. Stir until the foaming just starts, then pour into place. Rather than letting the foam expand where it wants too (usually into a boobie shaped lump) control the direction of expansion by laying a sheet of polyethylene film (garbage bag) over the foam and directing, not pushing the expansion. Just use your hands to hold the poly down to a point just above the level you want to achieve. You will use less foam material and will make sure the voids are filled.

When sanding the foam, I found a surefoam file or plane to work the best for rough shaping, then sandpaper on a board for the balance. A quart jar with the paper glued on is just right for the wing to hull fill-ets.

When you glass, if you are using Polyester resin BE CAREFUL! The Methyl Ethyl Ketone Peroxide hardener is extremely toxic. Make sure you have good ventilation it might get to you. Between the hardener and nitrate dope, I spent two months of daily puking before a week in the hospital. SO WATCH IT, if you feel light-headed quit and get out! If you aren't happy with the shape or the surface of the first layer of cloth, or if you have any depressions caused by foam collapse, cut it out, refoam and glass it again. Do NOT leave it and figure to fill it with resin, its too heavy. Keep the amount of resin to a minimum, use just enough to fill the weave. Fill the pours with ultra light body putty. I tried resin and microballoons but had trouble getting a good light mix. I tried 2 different batches of Stits micro putty at \$7.95 a quart but it was too hard to mix, could hardly get it out of the can. The light weight body putty is only 7.5# per gallon while regular Bondo is 12#. The only problem is a slight skin on the dried surface.

After you have the glassing and filling completed, you should spray on a coat of dark grey primer. This will show all the many imperfections you were unable to see before. You can use Featherfill as the Varieze's do, but that stuff is \$28.00 per gallon (takes 2). This is mighty expensive and I'm not sure it's any better than the regular DuPont dark grey sanding primer. As I could not get near the paint solvents, I had a local body shop squirt on the final primer, fill the little pits then apply the white IMRON. I kept trying to impress on them the importance of keeping the weight down, but I guess they just thought I was being cheap. A Varieze used 3 quarts of IMRON, so I figured double that or 6 quarts would be plenty. When I came back, the painter was so proud, he had put on 3. Three. THREE GALLONS!!!!!! I was so damned mad I would have hit him if he hadn't outweighed me by 150 pounds. Needless to say, I have very good coverage and a number of runs in the paint. Nothing I can do now, you can't sand down IMRON and you can't use paint remover as it attacks the polyester fiberglass base. Dick Borremans of Green Bay, WI tells me he used only 2 quarts of dark and 3 of white IMRON.

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EDITOR'S NOTE

Cause of Dale's accident at this time is unknown except that it definitely was not propeller or structural failure. We shall keep you informed as details become available to us.

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# I LOVE



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## Buttons



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