

BVM Tips and How To's

Wing Ding Repair

The following series of photos describe a repair accomplished on an Electra wing damaged in a taxi accident. Use the same procedures and materials describes in the Flying Surface Spot Repair also seen on www.bvmjets.com/Tips and How To's.

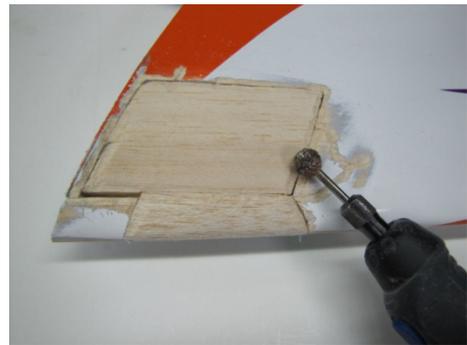
- Damage was caused by taxiing into a steel stake. It is helpful to save the broken pieces.



- Saw cut and glue in place balsa block then carve and block sand to conform to the wing curvature. Leading edge pieces were handy here.



- Use a PermaGrit ball cutter to grind a trough at all glue joints.



- Fill the troughs with Evercoat "Spot-Lite" putty. This will keep the glue joints from showing through the final finish.



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- Use a long flexible blade to rough carve the putty while it is still “green”.



- Use a sanding block with #80 grit paper to block sand the repair to conform to wing curvature. Masking tape limits sanding area.



- Apply ¾ oz cloth and Pacer “Finishing Resin” (BVM # PT40) to the repaired area. Block sand with #180 grit then brush prime.



Follow the procedures described in “Flying Surface Spot Repair” to bring the finish back to original.