

Too Sweet wing mounting

Hi All,

Just a suggestion.

The new Too Sweet Wing is now 2 piece. It has a 7" X 5/8" Spar connecting it together. The wings are very accurate but the wing saddle is not. The wing now comes with the bolt holes molded in place so replacement panels can be used if needed.

When ready to assemble the wing to the fuse:

Position the wing so that it is equal distance from each tip to a point on the tail.

Pilot drill the bolt holes with a 1/4" drill just enough to make a mark on the fuse. Then drill a tap hole #10 drill for a 1/4 X 20 bolt.

Once done, remove wing from fuse and wax the center section of each panel. Johnsons past wax, or the like, will work fine.

This part is very important.

Set the wing on your stand and make sure the LE and TE are in perfect alignment. Dbl.

Check with 2 incidence meters to make sure. Tack glue the wing together with 5 minute epoxy where you have waxed in a couple of spots top and bottom. now that the wing is straight and the bolt holes are in, apply some Windex or slightly soapy water on the top of the wing and cover with saran wrap. Tape can be used to pull tight.

Sand lightly with 220 sandpaper or the like the entire wing saddle. Also you might wax your bolts and the fuselage outside of the saddle.

Mix 5 Minute epoxy and place a small amount around each of the bolt holes on the saddle. Place the wing in position and bolt the wing on just till they bottom out and make contact with the wing. You just do not want to break the tack glue on the wing center. When cured remove all from the fuse clean up any excess and the wing will have accurate hard points to bolt to. Even if you use another wing it should still be good.

At this point the wing is mounted. I like to go one step farther and pot the wing with silicone.

Again cover the top of the wing with Windex and saran wrap scuff the epoxy saddle area, you might also rub some Vaseline on the fuse where the edge of the fillet is.

Apply a small bead of Silicone aquarium sealant or similar and bolt the wing in place.

This time you can tighten the bolt most of the way will the silicone stops ozzing from the saddle. Use a sharpened popsicle stick to run along the fillet to move the large bead of material from the joint. Just leave it on the saran wrap.

Let dry for 24 hours and you are done. Makes a perfect seal and no vibration fires will occur.