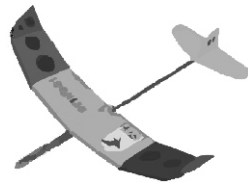


THE STINGER²

BY **STING AERO PRODUCTS**
 DESIGNED AND DRAWN BY TOM NORELL
 MODIFIED AND TWEAKED BY TONY MATHEWS



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TONY'S SETUP NOTES

I use 1.5 degrees of fin offset (5mm of offset right of wing LE centerline to the stab TE centerline). I use a 7mm x 13 mm x 0.8mm thick washin wedge located just outside of the left wing d-break. Cg is at 29.5 mm from LE. Let's see what else, .075" to 0.078" dihedral skew each tip. Airfoil has a 25% highpoint (as normal) with a minimum amount of upsweep (0.005" to 0.008" or so) and a sharpish LE. TE is about 0.025" thick all over and the outer tip is 0.030" thick. That should do it I think. The last one I made using those adjustments required no trim adjustments and can do over 70 seconds in dead air, pretty amazing for such a little glider I think! Spray the wing with fluorescent paint or it will disappear on launch!

