

DERMALIZER BELLCRANK

By Dick Gorman

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News, Rich Weber, Editor

While pondering how to create a DT for the CR-3, of all the ideas I ran through my head or sketched out this was my top choice. The axis rod is of course carbon fiber cut to the proper length. I then bent a piece of Aluminum tubing in a curve that looked about right. Once bent, I drilled through the short length and made the hole go out the side of the curve. The carbon fiber rod slid through that tube as shown and was epoxied in place. This will become the bellcrank for the stab. (The center portion will be affixed to the fuselage with two more small pieces of tubing to act as bearings.

The stab halves will be glued to the rod left and right.) The long end of the tube holds the Opelon* elastic which will attach to the last bulkhead in the fuselage and give the force to pull the stab up to about 45° when the DT pops. I believe she will work and hope that Rube Goldberg would be proud.



**Rich Weber says: "Head on over to your local craft store. They usually sell it in the department with all the beads and bangles. The stuff looks like heavy nylon fishing line, but it's stretchy.*

I have some, but I haven't used it for anything other than some bench experiments. I don't know how it holds up over a flying season, but it looks like it would last longer than a hunk of Super Sport.