

Pull-Pull Rigging for Hand Launch Gliders

By Chuck Fisher

I didn't originate this system, neither do I remember where I saw it or read about it, but Mike wanted it for the newsletter so here it is.

A small tube, either plastic or aluminum is put through the control surface (elevator/rudder) and reinforced with a small disc or square of 1/64" or 1/32" ply. Place the tube as close to the hinge line as practical. The pull line (Spiderwire/Spectra) is tied permanently to one side of the servo horn (a), passed through the tube and back to the other end of the servo horn (b). Pull the line taut and thread the line through the first horn hole and back through the next hole. Wrap the line once or twice around the horn screw and tighten. Leave enough tail on the line for future adjustments (tightening) if needed. You can then move the control surface to neutral and lock the line by wedging a round tapered dowel (toothpick) into one end of the tube. If you need to adjust the control surface later, just remove the toothpick. That's it!

