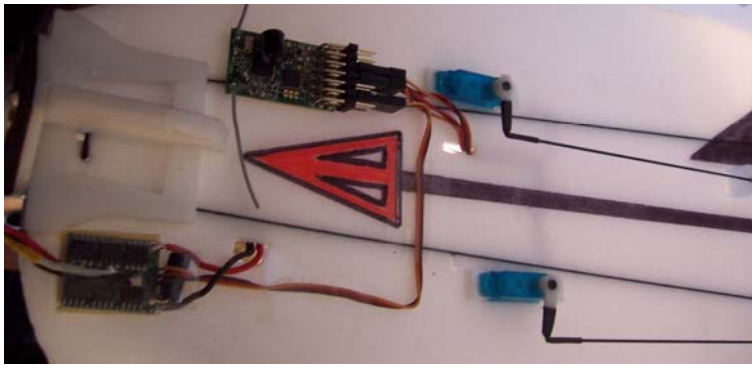
(4) “Arrow” Electronics and Tail Surfaces

Install all electronics and all linkage (except aileron servo) prior to assembly of wing to fuselage. Servo placement is set so that Arced 3.7 and 4.4 as well as Dymond 47 servos leads will reach the receiver. Pass through holes may be required for the leads on some servos.

*** Make sure receiver is placed in a location where the servo leads will reach the receiver. ***

*** Do not place Aileron Servo at this time ***

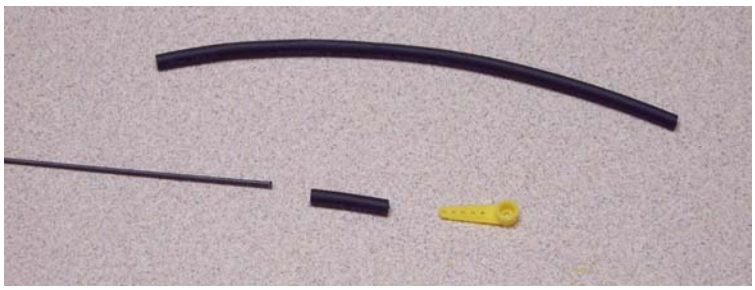
*** Set servo depth so that servo arms align with servo rods ***



The components necessary to make a heat shrink linkage are seen in the photo to the right.

First cut the elevator and rudder control rods approximately 1 inch longer than they need be to reach the hinge lines.

Next cut a length of heat shrink tubing approx. ¾ inch (2 cm).

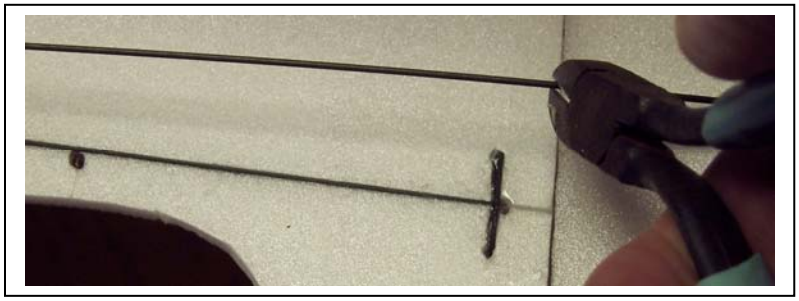


Apply heat with a match or propane lighter. Once the tubing is fully shrunk, quickly bend the joint to its neutral position and let it cool.

Once cool, apply a drop of CA adhesive and accelerator to each end of tubing to secure joint.

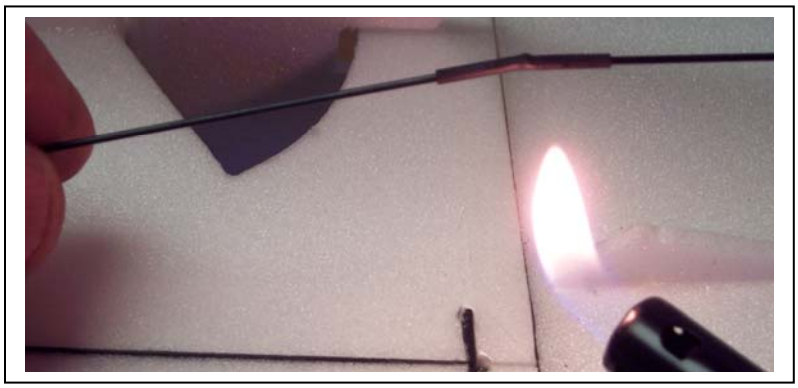
Glue the 8 control rod guides in the left side of the fuselage. Slide control rods through the guides and attach the servo control arms in the neutral position.

Once this is accomplished cut each control rod off even with the hinge line.



Use a piece of ¾ in (2 cm) long heat shrink tubing to attach a 2 inch (5 cm) long piece of .040 inch carbon rod. Be careful to bend the rod far enough away from the fuselage so that heat damage will not occur.

*** Secure all heat shrink tubing with a drop of CA adhesive at each end after shrinking. ***



Cut the carbon to the correct length and adhere it to the control wedge.

Repeat the procedure for both the elevator and rudder.