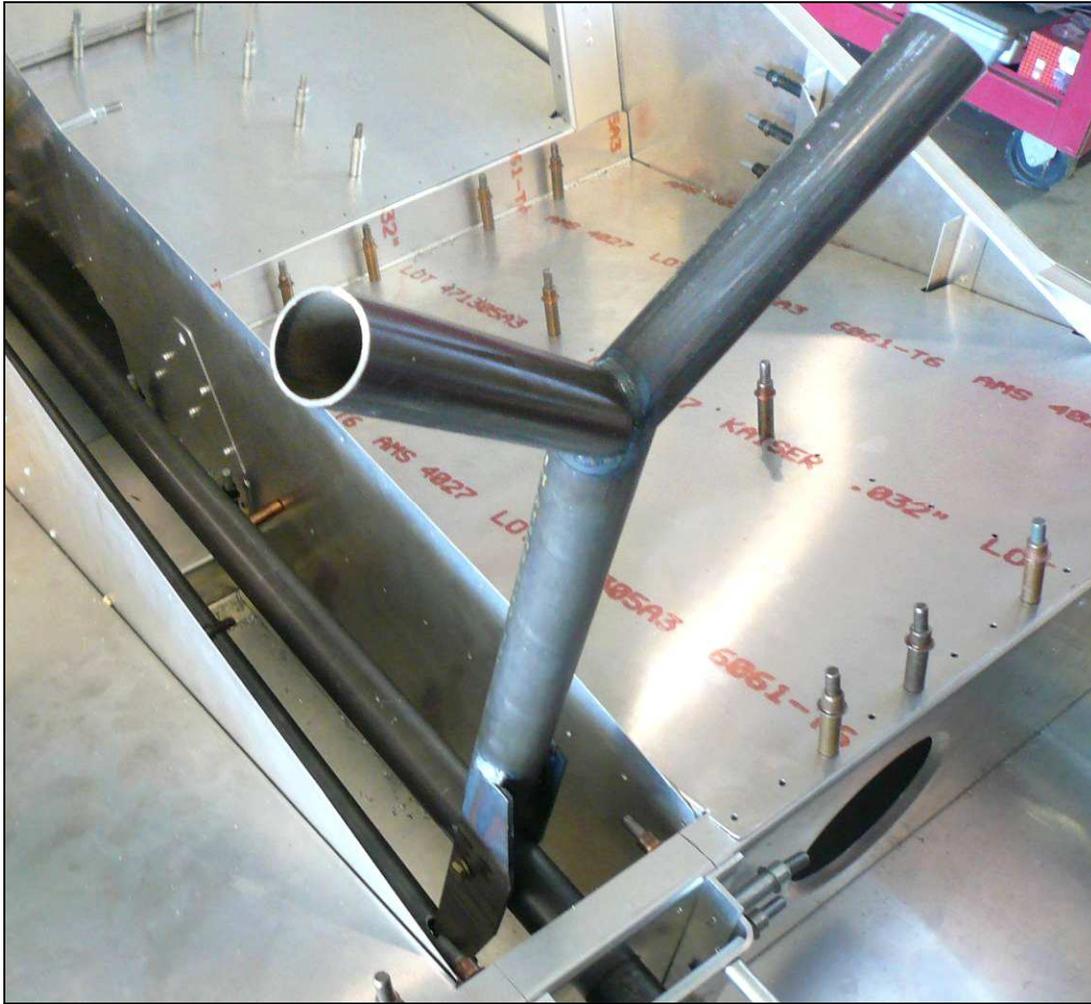




P/N: C75C2-8
Control Stick Bushing



Slide the end of the Bushing into the Torque Tube. The Bushing's outer surface will turn in the bushing welded inside the Torque Tube. Put grease on the outside of the Bushing before final installation.

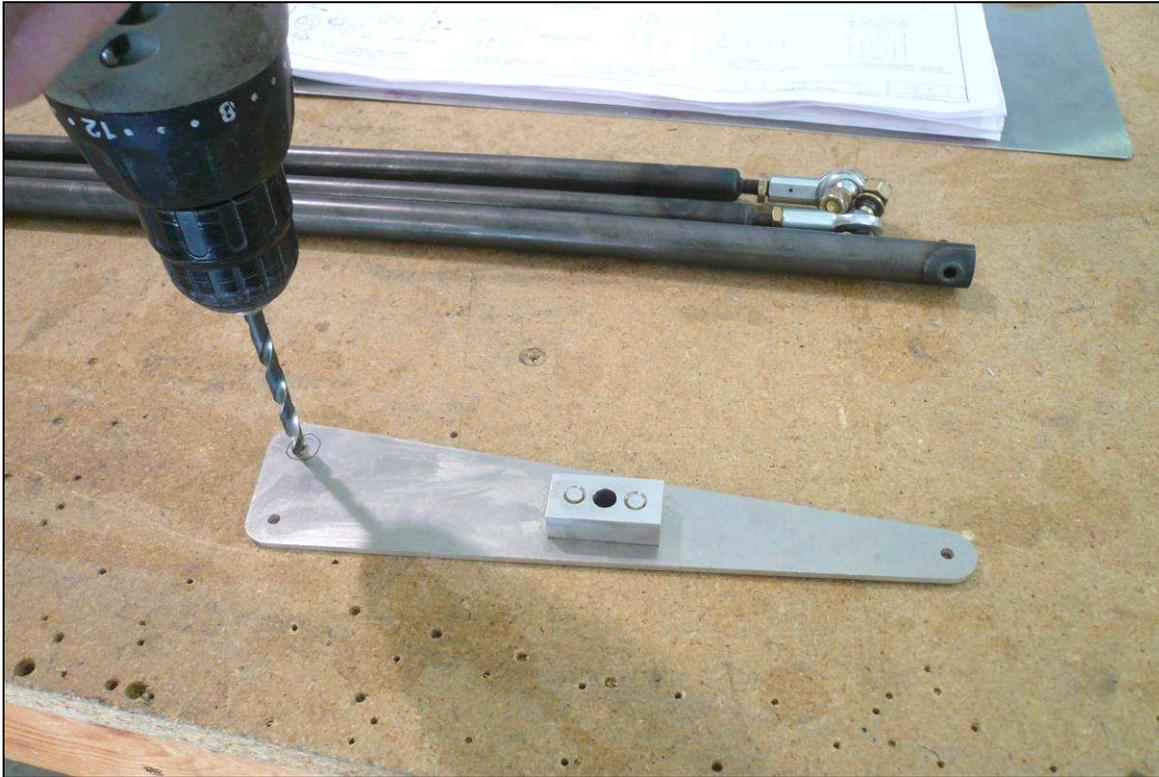


P/N: C75C3-2
Control Stick

Position the Stick on the Torque Tube. The longer leg is installed on the passenger side. Align the hole in the stick with the Bushing and install the bolt through the Stick and Bushing.



P/N: C75C2-6
Elevator Bellcrank



Use a 1/4" drill bit to open the bottom forward hole in the Elevator Bellcrank. The bottom forward hole is located approximately 121mm from the pivot hole in the center of the Bellcrank. See drawing C75-C-2 for specific details.



With a #12 drill bit, drill through the bushing welded to the control tube.



P/N: C75C2-7
Elevator Control Tube

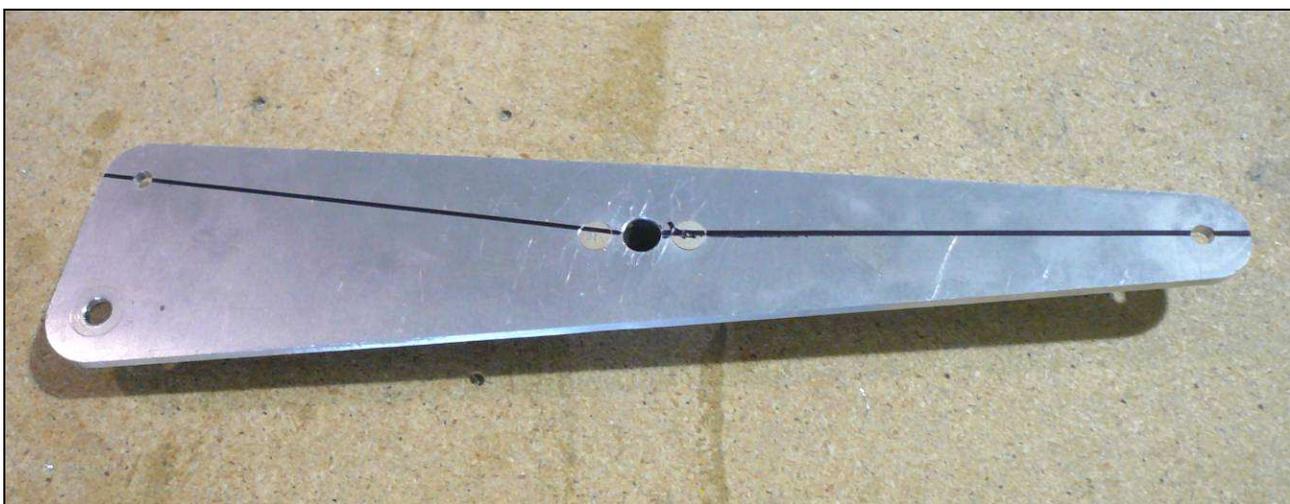


Insert the AN3 bolt through the Elevator control tube , add a ¼" washer, the bellcrank, another ¼" washer, then a 3/16" washer and the castle nut + cotter pin.

Put a washer on the ¼" tube welded on the End of the Control Tube, followed by the Bellcrank, and another washer.

Orientation: The block solid riveted to the Bellcrank is positioned on the same side as the Control Rod.

Use a center punch to mark the ¼" tube for a hole to put a Cotter Pin through to retain the Bellcrank. Use a #40 drill bit to drill a hole for the Cotter Pin. Do not bend the Cotter Pin until the final installation.



Draw a line between the Control Cable attachment holes and the Bellcrank mounting hole.



AN7 bolt and bush C75C3-11

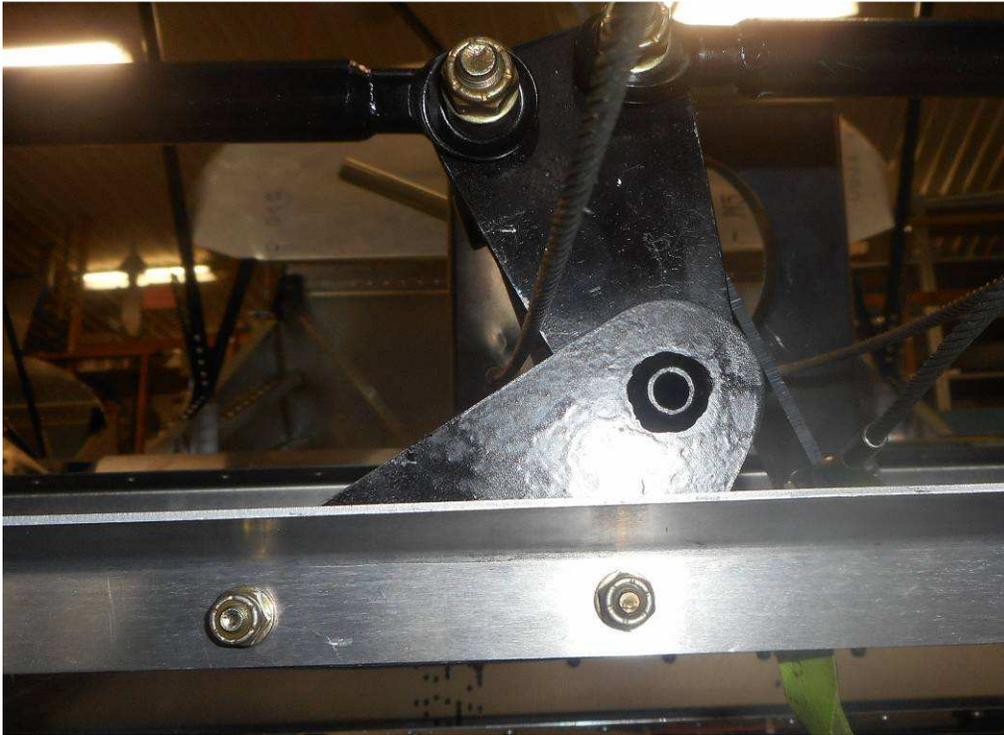
NOTE: THE REMAINDER OF THIS PHOTO GUIDE CAN ONLY BE PERFORMED AFTER THE HORIZONTAL STABILIZER AND ELEVATOR ARE MOUNTED ON THE FUSELAGE.



Attach the control cables to the Control Horns on the Elevator. Set the Elevator in the **Neutral** position (the top of the Elevator should be parallel to the top of the Horizontal Stabilizer). When the Bellcrank is in the Neutral position, the cable will be 90 degrees to the line on the Bellcrank. Adjust the cable length and set the Bellcrank in the neutral position.



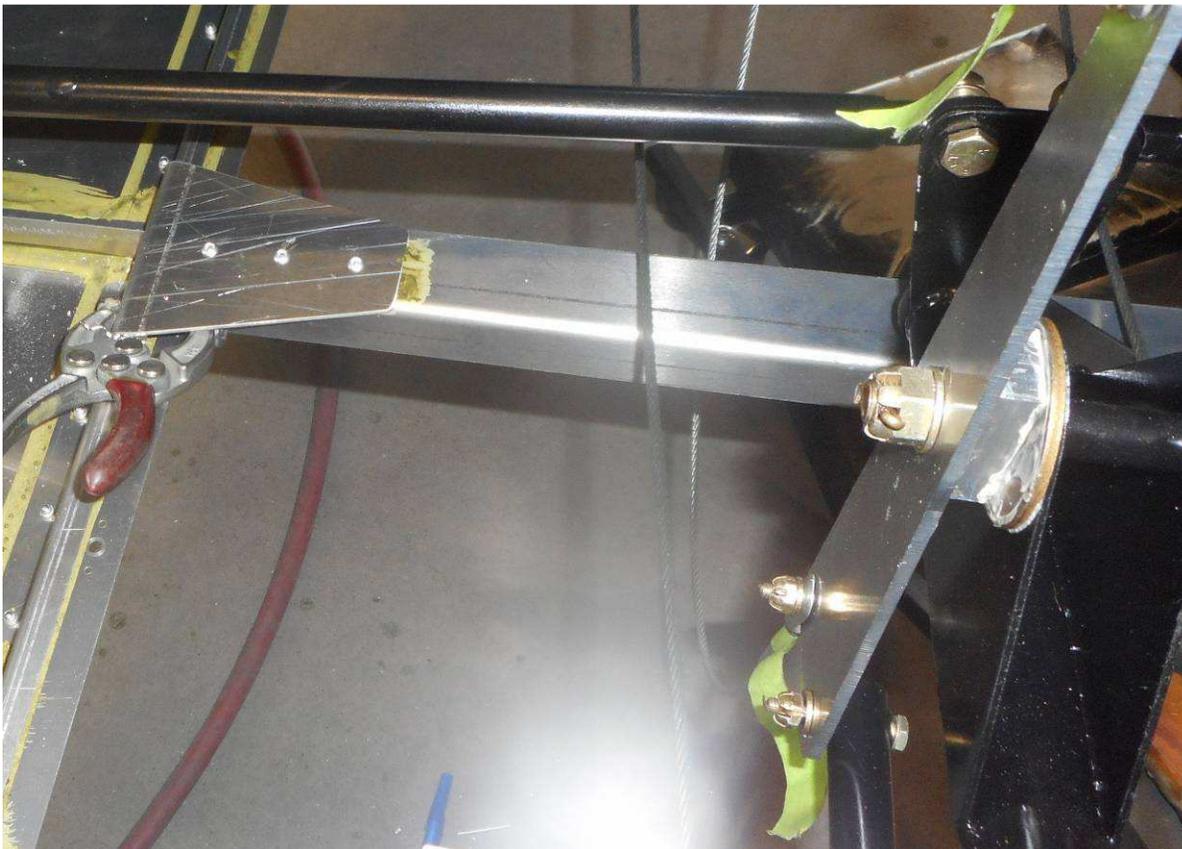
Position the Stick in a comfortable location for the neutral position.

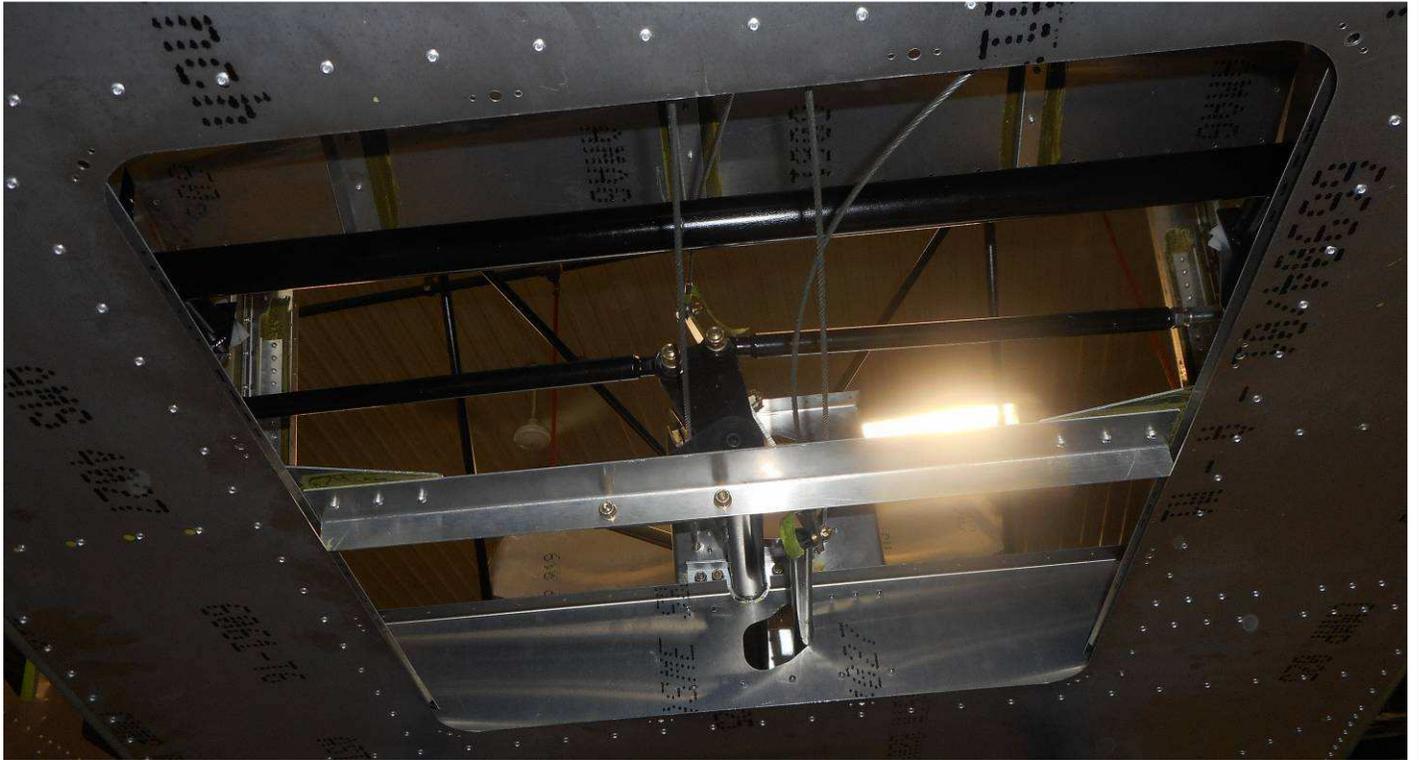


Insert the tube through the hole in the torque tube.

Clamp the torque tube end plate C75C4-9 to the end plate angle.

Then clamp the end plate gussets to the angle and Z angles on the fuselage.





Looking up through the fuselage access panel

