

# Mojo 60 removable wing addendum

## *Modifications to standard Mojo Build*

### *Fuse*

1. \_\_\_ Build the motor mount using the 3/8" balsa and 3/8 hardwood rails.
2. \_\_\_ Sand a bevel into the slot in the back half of the 1/16" ply nose doubler so that the CF tube will sit flush with the top of the doubler. Do the same with the other doubler. Orient the bevel so that you make a top and bottom.
3. \_\_\_ Laminate with motor mount assembly with the 1/16" ply.
4. \_\_\_ Trial fit the tube into the motor mount assembly. Epoxy it in when you are satisfied with the fit..
5. \_\_\_ Build fuse assembly per the plans using the motor mount assembly and 1/2" machined parts.
6. \_\_\_ Once the assembly has dried, dribble a little epoxy down the fuse to tube joint. Use a heat gun to get the epoxy to flow out and create a nice fillet. Let this dry.
7. \_\_\_ Flip the fuse over and repeat the filleting process on the tube to fuse joint.
8. \_\_\_ Once the fuse is covered install the 1/4" dowels to act as anti-rotation pins.
9. \_\_\_ Test fit the root rib over the fuse to check alignment with the wing tube and anti rotation pins.

### *Horizontal Stabilizer*

1. \_\_\_ Build the horizontal stab and elevator per the plans.
2. \_\_\_ Do not install both pieces of tri stock to the stab.
3. \_\_\_ When doing final assembly, slide in the elevator first, then the horizontal. Use epoxy to join.
4. \_\_\_ Install the remaining piece of tri-stock to the stab.

### *Wing*

1. \_\_\_ Do not build the center rib as the instructions show.
2. \_\_\_ Cut a 1/2" piece off the end of the phenolic for the fuse.
3. \_\_\_ Cut the remaining phenolic in half.
4. \_\_\_ Install the phenolic into the ribs while building the wing.
5. \_\_\_ Drill a 1/8" hole thru the end of the phenolic and install a 1/8" dowel to keep the wing tube from traveling beyond the end of the phenolic.
6. \_\_\_ Install the large ply rings on the ribs that the wing tube passes thru.
7. \_\_\_ Install the small ply rings on the back side of the root rib for the 1/4" anti rotation pins.
8. \_\_\_ Build the wing over the plans per the instructions noting the exceptions listed above.