

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.