



7.5" ½ Scale Phoenix Removable Nose Weight Assembly

Parts List

- 7.5" PNC with aft laser cut off
- 3" HDMMT 17" long
- 2 - 3" couplers 8" long
- 3" stiffy coupler
- 2 Phoenix cone rings
- 2 - 3" bulkheads
- 3" x 24mm or similar centering ring
- 4 - T nuts and screws
- Eye bolt with nut
- 6 washers



1. Use 80 grit sandpaper to score the inside of the cone. This will help the epoxy adhere to the plastic. Wash the inside of the cone with dish soap and warm water after sanding is complete.
2. Install the T nuts in the nose mount ring and epoxy the backside of the T nuts to ensure a solid mount.



3. Squeeze cone a few millimeters and insert ring into forward end.



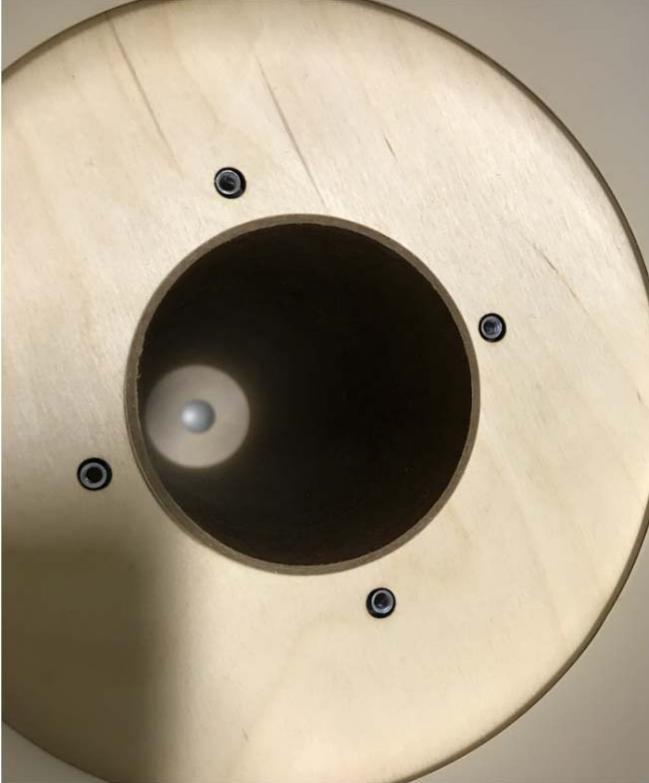
4. Pull the ring toward the cone shoulder until the ring is flush. When satisfied with the fit epoxy the ring into place bonding the ring to the cone. Forward and aft ends are OK to do currently. Don't get any epoxy in the T nuts!!!



5. Install and epoxy 3" centering ring into 3" HD MMT at one end.



6. With the cone laying horizontally on your work surface mix up some medium cure epoxy. Drizzle epoxy a good half way down the cone rotating it. We want to ensure there is enough epoxy to run down securing the 3" HD MMT to the plastic. Insert the 3" HD MMT into the ring and down as far as the tube will go. Stand the cone up with the forward end facing the ground and allow the epoxy to run down and cure.



You may also epoxy the end of the 3" HD MMT to the mounting right inside the T nuts for added strength.

7. Install a bulkhead into one of the 3" couplers. Slather epoxy on the inside and down on top the bulkhead. Insert the stiffy coupler twisting down until it meets the bulkhead.



8. Choose a good material to make your nose weight. We typically use zinc pellets. Always simulate your flight with preferred motor to determine the amount of ballast to use. Additional couplers and materials can be purchased to make alternate weight variations for the nose cone. Smaller motors need less weight, larger motors need more weight. **ALWAYS SIMULATE YOUR FLIGHT!**

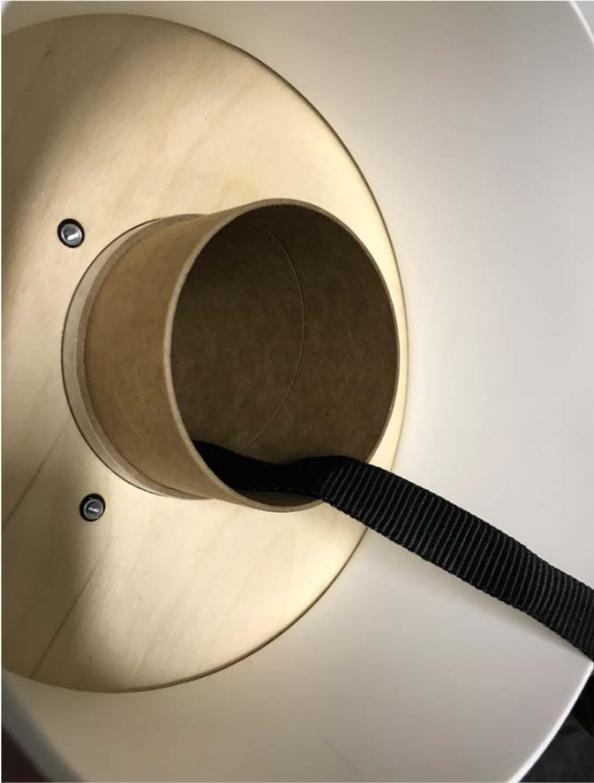


When satisfied with amount of weight to be used, epoxy in place in the stiffy. Allow to cure. Insert bulkhead and eye bolt – epoxy into place.



9. Attach quick link to tubular nylon loop. Thread through other 3" coupler attaching to the nose weight module's eye bolt. As show above. Insert nose weight into 3" HD MMT.

10. Insert coupler into 3" HD MMT pushing the nose weight module all the way forward.



11. Thread end of tubular nylon through the hole in the top mount ring. Screw the top mount ring into place.

