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Puffer update

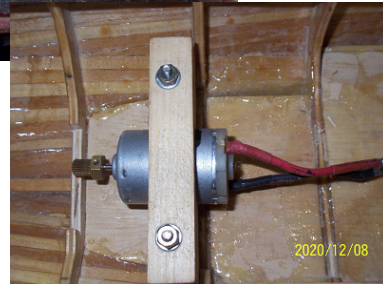
by Newby7



8th Dec 2020

Puffer update

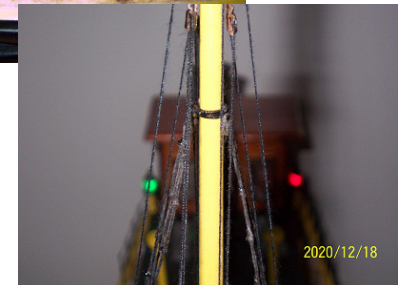
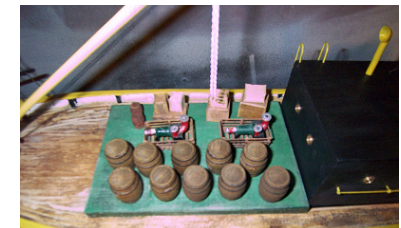
When I started the puffer it was to be powered by steam. That changed after the hull was built. When placing the boiler in position the chimney would have been in the center of the hull. Also the steam plant would have to be hidden not what I wanted. The Borkum build took the steam plant and the puffer will be electric. The motor bracket is 1x4x4 pine with a hole for the motor. The mount is then angled on the bottom to suit angle for prop shaft. From the bottom drilled holes either side of the holes counter sunk them and epoxied 1/4-20 1-1/2" bolts in. Mount then cut in half and sanded down to hold the motor from turning. Dressed up the pilot house with wheel and navigation items. The hull was then primed and painted. Rick



18th Dec 2020

Lighting

When first I made and put lighting at the out side front of the pilot house it was white LED Lights only. I have red and green LED's and decided to change the white to navigation lighting. The white LED's were moved inside the pilot house and added a light for the back of the boat. With the mast and boom in place continued on to the rigging getting the mast done and rigged in followed up with the boom for lifting cargo from ship to shore. Rick



27th Dec 2020

Rudder

Having the motor in place worked on putting the rudder servo back in place to set up to run both. I had the servo set up to operate as a chain pull from both sides of the rudder post. The first time used the chain held but only for a few tries then broke fixed a new chain same thing. Back to the drawing board move the rudder servo back. Made a stronger bracket for the rudder post and rods from the post to both sides of the servo bracket. The rudder and motor ran well waiting for items to be installed when they arrive by post. Rick

27th Jan 2021

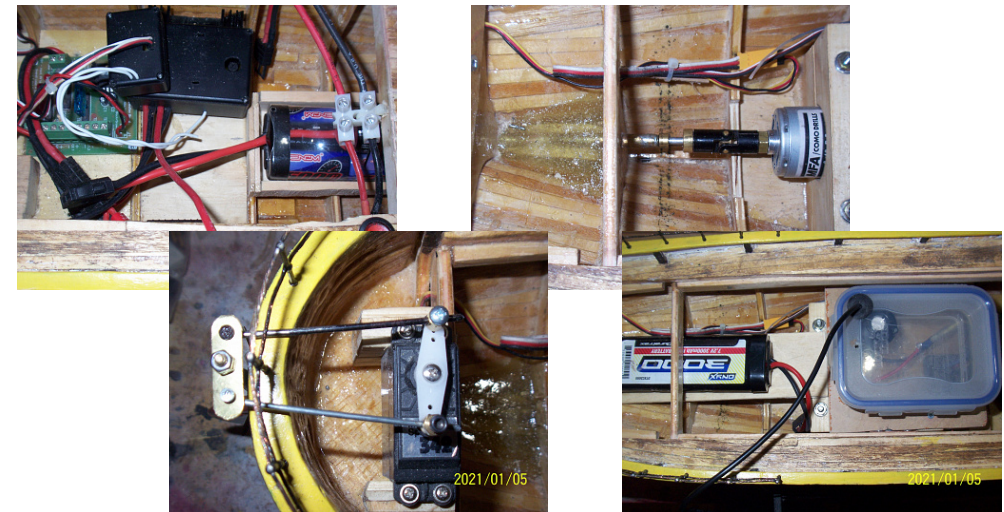
Burnt electronics

The project for a smoke machine is becoming how many items can I burn out. I had ordered 3 of each component to build the sonic mister unit (ultrasonic mister ;fan; potentiometer; 12v to 24v converter).Following the set up for building the unit the only unit working is the fan I have that running on a 9v set up.The rest of the items are either not working , have not worked or burnt out.With my set up I did get one of the mist units to work momentarily. I know I'm on the path just need more items to burn out .New items on the way. For though's of you needing to test electronics to see how long they last send them to me.Burn out verification immediate. Rick

5th Jan 2021

Sound

My Christmas gift from my wife came in a sound system for the puffer. Testing the sound set up went well with installation done and in place. The system consists of sound module, booster module, and power unit and a 4" water proof speaker. The pictures show the system in place and the speaker mounted. Took a view of the coupling and motor and the new setup for the rudder post. The plastic container is what I hope will become a smoke system. Waiting for ordered parts to come in to be able to set up. Rick



8th Jan 2021

Out of my element

The project for a smoke machine the write up calls for a potentiometer set up before the 12v fan. My question is does the pot go on the + side (red) and out the +(red) side of the pot. The on line wiring I found let me know the two posts either side of center are +(red) and either one can be used for input. The center is output. Did I get this right. Help please. Rick

23rd Jan 2021

Trial and error

With the items needed from the write up sourced and delivered.(Wicksteed Park MBC project area) to making the smoke machine.The write up sounded simple enough even for me.The ultra sonic mist unit is 24v. The fan is 12v. To get the 24v calls for step up power converter to run the mist unit and the fan can run on 12v battery.After setup the mist unit did not run the wiring got hot burnt the Pot out. Giving up on the write up have set the fan up on a 9v power source with switch.Made up a unit to run two 11.1v batteries in series.Will post pictures of project when and if it works. Waiting for a battery to come in. Rick