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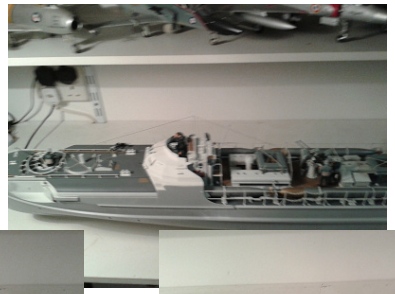
1-35 scale S100 schennllboot

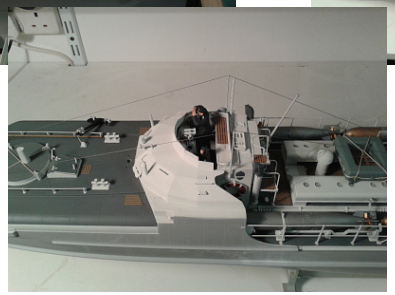
by teejay

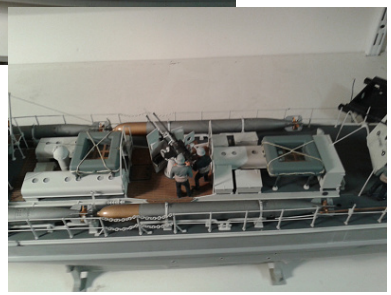
29th Mar 2018

1-35 scale S100 schennllboot blog

Hi all this is my first blog, last year I post my intention to do a project about an RAF D boat that my Father served on and as a precursor to that build That I was going to do this S/E boat as the hull design is shared buy both, and as plastic kit modeller the kit great the first stage was to put together the decks and superstructure as normal, with the exception of all the bits that would be easily broken as most kit aircraft modellers aerials and guns tend to brake ,so long ago I got into the habit of making these out brass rod or bar using a mini drill and a set of needle files, holding the drill in my left hand and the files in my right, when started this I saw the number of stanches I needed so I came across this little beauty a mini bead lathe it is a great bit of kit and not expensive less than £50 and plenty of types and accessories available so all the stanches aerials hand rails, gun rails, horn, and some of the components for the rudder and tiller were made on this lathe. so good time being had in my first radio control boat . the next post will show all the parts for the rudder/tiller setup







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30th Oct 2018

electrical connectors

Hi Doug just to let you know the battery for the RX a four cell NiMH of 4.8V

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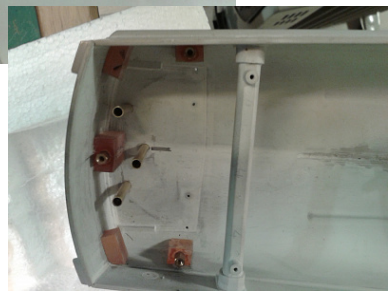
1st May 2018

1-35 scale S100 schennllboot

Hi all for the second blog report on the schenllboot I am going to go over the rudder an propeller shaft assembly in more detail. The first stage was to make the rudders which were made of brass ,and having taken note of what has been said about the increase in size needed for the kit by other members I have increased the size of the rudders by 50% so that they have more effect and hopefully the boat will be more agile .I fitted 3mm treaded rod on to the rudder and in a 4mm flanged tube to reinforce the brass rod. The second stage was to make and fit 5mm flanged tube in the location for the rudders in the boat , these were made to be above the water line and will be sealed in place to reduce the possibility of leaks. These were fitted to a rudder platform inside the boat which was fitted to the kit moulding for the rubbing strip that runs the length on the boat and secured by making resin blocks which were fitted with computer extension nuts .which were then superglue in place to secure the rudder platform. The rudders were then fitted in place and held in position with the tiller collars which were made from 8mm rod and fitted the tiller arms and locked in place with 3mm computer screws and ni-lock nuts, a connecting plate was then fitted to connect the three tillers together, I also fitted rubberised washers to seal the rudder tubes. The third stage was to make the propeller supports. The centre support was a direct copy of the kit part made of brass and fitted to the kit with a plate and screws (this plate and the rudder plate were made from galvanised steel)and will sealed with resin after the I test the boat for leaks. The port and starboard supports were made by taking the kit parts and cutting them in have along the joint line or mould seam this gave me a template ,which I used to make cross-section segments but I did alter the template by increasing the boss diameter to 10mm and extending the support legs so that the finished support could be fitted through the hull (the picture of these show the mk1 version where I forgot to allow for the 4mm prop shaft which has a 6mm tube) any way the boss of these segments were drilled out with a 7mm drill and a length of 7mm brass tube fitted through the boss to assemble the segments, all of which were coated in soldering flux at this stage of the assembly which were riveted at both ends to hold it all together during soldering, after soldering the supports were then filed to the size and shape to resemble the kit parts as close as possible and fitted to the hull using a superglue and talcum power mix and then I cast resin around the extensions to secure the prop supports in place. The forth stage is the propeller shaft housing for the centre propeller housing I place a brass rod in a plastic straw and place in position in hull and using resin I sealed the hull with the rod in place this gave me a pilot hole for the centre prop shaft after I removed the brass rod. For the port and starboard shafts I used the kit parts which had hole place when assembled, this when I reinforced the housings ,the centre housing I glue 2mm of plasticard on each side and for the port and starboard I made a brass tube shroud which covered the housings which left gaps between the kit part and the brass which was filled by casting resin in the gap this increased the diameter to 10 mm so that there were little chance of breaking throw with the drill and finished these off by fill-in the outside with body filler and sanded to shape and finish . I then drilled through the pilot hole in the housings using very long extended drills and a



18th Sep 2018

lastest progress

Hi All here is the last on the schenllboot S100 I have been able to finish the paint work on the hull and she is now ready for final coats of varnish and full reinstallation of the RC equipment , still a bit nervous about that, part of the installation instructions are indicating the red wires on two of the esc,s need to be cut , I think this is the switch wire so the you only need one switch to active the other motors . I will look in to that before cutting

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30th Oct 2018

electrical connectors

Hi all back at bench for a couple hours my back is slowly improving. the build is nearly complete, but I do have a bit of a problem with the motors, two of the motors have grouper type connectors the other has connectors form Halfords, The one from Halfords is motor 3 this is the central motor , motors 1&2 have grouper connectors , motor runs really well no problems, but 1&2 RUN INTERMITTILY but only when tweak the connector, Now I don't know if there is some other piece of kit I yet to find out about or maybe the grouper type connectors are just finicky , any body any suggestions or comments before I replace the connections with the Halfords connectors and here is question for Doug you said it would be wise to fit a switch and a fuse on the battery for the RX I have a four cell battery , what size of fuse would recommend. and lastly here is the picture of my little milling machine