



POWER CIRCUIT  
(SUGGESTED BY ROD BURMAN, EUROPEAN ELECTRIC CHAMPION)

**BUILDING INSTRUCTIONS**

- CUT OUT 1/16" PLYWOOD DECK AND MARK OUT THE POSITIONS FOR ALL BULKHEADS & SUPERSTRUCTURE FORMERS
- CUT OUT BULKHEADS B1 THRU B5 (1/8" PLYWOOD) AND K1 (3/16" PLYWOOD). GLUE IN PLACE ON UNDERSIDE OF DECK
- GLUE 3/16" SQUARE HARDWOOD KEEL, CHINE & UNDER-DECK LONGERONS IN PLACE. CHAMFER HULL FRAMEWORK, USING A LARGE SANDING BLOCK
- MAKE PAPER PATTERNS OF HULL BOTTOM & SIDE SKINS. CUT SKINS OUT OF 1/16" PLYWOOD, LEAVING 1/4" PROJECTION ON SIDE SKIN BOTTOMS
- FIT & GLUE HULL BOTTOM SKINS IN PLACE, KEEPING DECK-BULKHEAD ASSEMBLY PINNED TO BUILDING BOARD TO AVOID WARPS
- INSTALL DRIVE SHAFT & MOTOR, BEING METICULOUS ABOUT ALIGNMENT. FIT & GLUE HULL SIDE SKINS IN PLACE, WITH 1/4" PROJECTING BELOW HULL
- INSTALL RUDDER ASSEMBLY & COOLING WATER PICK-UP TUBE (OPTIONAL)
- GLUE BOW BLOCKS IN PLACE AND SAND TO PROPER CONTOUR
- FORM EPOXY & MICRO BALLOON SPRAY STRIP FILLET AND SAND
- ASSEMBLE SUPERSTRUCTURE USING FORMERS T1, T2 & T3 AND 1/4" BALSAs SHEET. CUT AND SAND TO PROPER CONTOUR
- SAND ENTIRE MODEL & DECORATE TO TASTE. FINISH WITH A COAT OF POLYURETHANE VARNISH.
- INSTALL RADIO & MOTOR POWER SOURCE COMPONENTS IN PLACE
- HAVE FUN!

- NOTES**
- DUE TO THE VARIETY OF POWER SOURCE OPTIONS AVAILABLE TO THE BUILDER, NO DETAILED INSTALLATION IS SHOWN. THERE IS HOWEVER, AMPLE SPACE WITHIN THE HULL TO ACCEPT MANY ELECTRIC MOTOR TYPES, AND ALL ENGINES UP TO 21 CUBIC INCHES IN DISPLACEMENT
  - IF AN INTERNAL COMBUSTION ENGINE IS TO BE INSTALLED, THE HULL INTERIOR SHOULD BE SEALED WITH FUEL-PROOF PAINT OR EPOXY.
  - POSITION ELECTRIC MOTOR POWER PACK TO OBTAIN PROPER CG

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A MODEL POWERBOAT DESIGNED FOR ELECTRIC MOTORS OR .09-2 CUBIC INCH ENGINES

DESIGNED BY D.B. THOMAS      DRAWN BY Rod Burman

PLAN NO. 739