



No.C3035R

Long John Silver By KEVIN J. MOORE HONORABLE MENTION DESIGN OF THE MONTH Spencerport, N.Y. ESTES INDUSTRIES ROCKET PLAN NO. 82 NOSE CONE BUILD THE LONG JOHN SILVER WITH ESTES HIGH PERFORMANCE PARTS AND ACCESSORIES PAINTED BLACK PARTS LIST 4 Using the pattern provided, cut out small shock cord mount from thin typing paper or first-aid type gauze. 1 NOSE CONE - BNC-5W Assemble as shown and glue to inside of BT-5 about 1 BODY TUBE - BT-5 1" from the forward end. KD-45 1 FIN STOCK - BFS-20 BETA SPREAD GLUE HERE DECAL 1 SCREW EYE - SE-3 FOLD FORWARD 1 PARACHUTE KIT - PK-8 1 SHOCK CORD - SC-1 2 WEIGHTS - NCW-4 SPREAD GLUE HERE . FOLD FORWARD 1 ENGINE BLOCK - EB-5B 1 LAUNCH LUG - LL-2B 1 DECAL SHEET - KD-45 1 SPENT MINI-ENGINE CASING ADDITIONAL MATERIALS FINISHED Hobby Knife White Glue Press hard to compress shock cord mount as flat as Ruler possible against inside of Sanding Material BT-5 in order to provide Sanding Sealer as small an obstruction Enamel Paint (Spray) as possible. Sharp Pencil RECOMMENDED ENGINES BODY PAINTED 1/2A3-2T A3-4T A10-3T SILVER Measure 3/16" from one end of an expended Mini-Engine Apply glue to the inside of the BT-5 body tube approximately 1 /1 /2" from the end Using the expended engine casing, push the engine block into the body tube until the $3/16^{\prime\prime}$ mark is even with the body tube end. Remove the engine casing immediately. Check to be sure engine block is positioned correctly, then set aside 6 Attach the fins and launching to dry lug as shown. Be sure to a lign each 2 Cut out the fin marking guide and fin properly Allow fins and launch lug to dry completely. wrap it around the body tube. Mark the positions of the fins and Insert screw eye into the base connect lines with pencil. of the nose cone Remove it and 3 Cut out the fin pattern, squirt glue into the hole, then add EDGE two NCW-4 weights, reinsert screw trace 3 fins on the fin stock eye and allow to set. and cut out Round the leading edges and Assemble the PK-8 parachute leave root edge of according to its instructions each fin even Gather all the shroud lines and FINS and flat. tie together PAINTED SHOCK CORD PATTERN BLACK FIN-FIN PATTERN FIN MARKING (Make 3) GUIDE FIN 9 Apply glue fillets to fins and launch lug, and allow to dry completely FINISHING PROCEDURE Sand all balsa O Tie shock cord and shroud FIN smooth, then apply sanding sealer Repeat lines to screw eye this procedure until balsa is smooth. Refer to photo for color scheme.