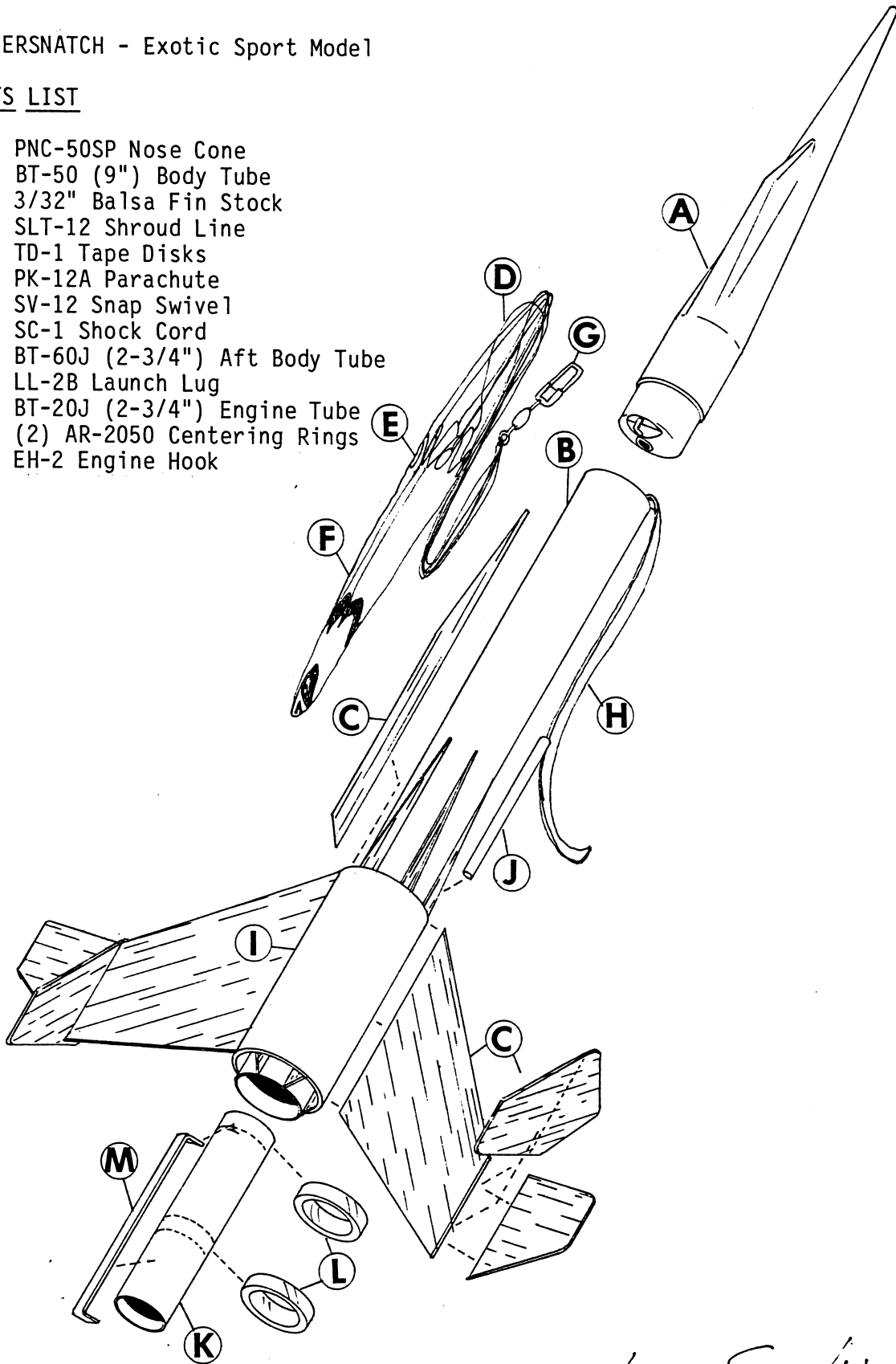


Bandersnatch

BANDERSNATCH - Exotic Sport Model

PARTS LIST

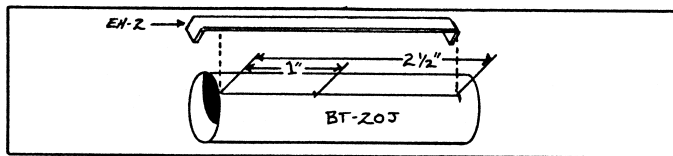
- A. PNC-50SP Nose Cone
- B. BT-50 (9") Body Tube
- C. 3/32" Balsa Fin Stock
- D. SLT-12 Shroud Line
- E. TD-1 Tape Disks
- F. PK-12A Parachute
- G. SV-12 Snap Swivel
- H. SC-1 Shock Cord
- I. BT-60J (2-3/4") Aft Body Tube
- J. LL-2B Launch Lug
- K. BT-20J (2-3/4") Engine Tube
- L. (2) AR-2050 Centering Rings
- M. EH-2 Engine Hook



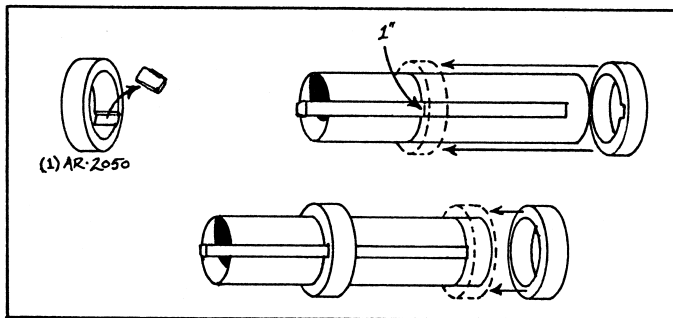
By WILLIAM SULLIVAN

BANDERSNATCH
By Bill Sullivan

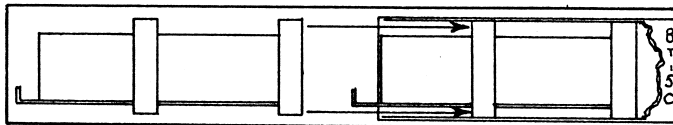
1. [] Draw a line the length of the BT-20 engine tube. Measure and mark along this line 1" and 2-1/2" from the thrust end of the engine tube. Cut a 1/8" slot at the 2-1/2" mark. Insert the engine hook into this slot.



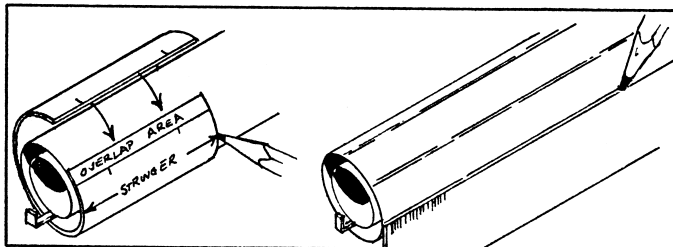
2. [] Cut a 1/8" slot into the inside of one of the AR-2050 Centering Rings. Run a bead of glue around the engine tube in front of the 1" mark. Slide the slotted Centering Ring down from the top, making sure the slot goes over the engine hook, until it reaches the 1" mark. Remove any extra glue. Fillet the forward side of the ring. Run a bead of glue behind the top edge of the engine tube. Slide the other Centering Ring onto the engine tube until the forward edge of the ring and tube are flush. Remove any extra glue. Let dry.



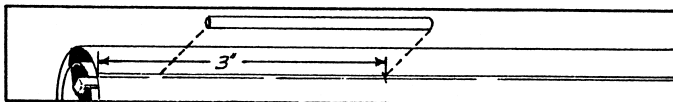
3. [] Run a bead of glue inside one end of the BT-50 Main Body Tube. Slide the engine mount into the body tube until the thrust ends of each tube are flush. Let dry.



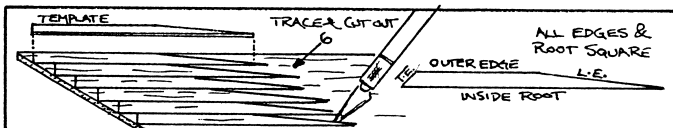
4. [] Lightly sand the Main Body Tube with extra fine sandpaper. Cut out the Stringer Marking Guide. Wrap the guide around the body tube, making sure that the Launch Lug mark is centered on the hook. Mark the body tube at the arrows and make sure to mark the Left Wing/Right Wing stringer positions. Remove the wrap and extend the marks the length of the body tube.



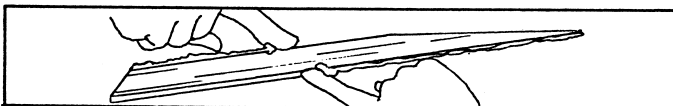
5. [] Measure and mark along the launch lug line 3". Run a bead of glue the length of the launch lug, and attach it along its line BELOW this mark.



6. [] Cut out the Stringer Template. Using the template as a guide, trace and cut out 6 stringers from the balsa fin stock. Sand all edges smooth. Do NOT round any edges.

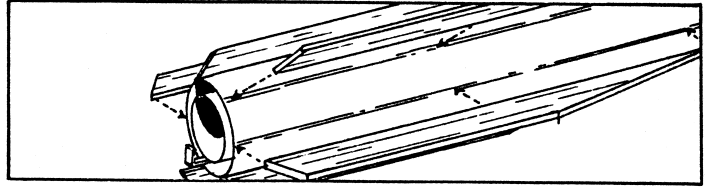


7. [] Rub glue into the root and outer edges of the stringers and let dry. Sand any roughness left by glue smooth.



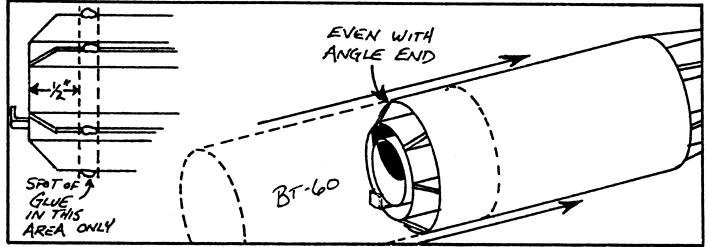
BANDERSNATCH

8. [] Attach the stringers to the body tube along their guide lines, making sure that their thrust end edges are even with the thrust end of the body tube.

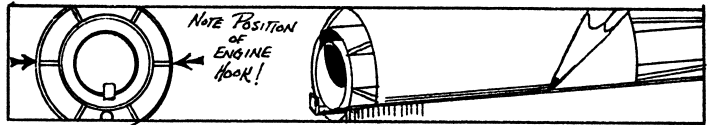


You might want to seal the balsa stringers now before continuing.

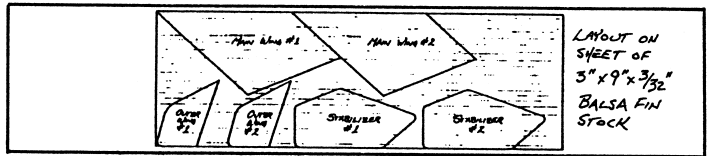
9. [] Put a spot of glue approximately every 1/2" from the thrust end on the stringers where they will contact the Aft Body Tube. Do not put any glue on the stringers approximately 1" from the forward edge of the contact area. From the thrust end, slide the BT-60 Aft Body Tube over the stringers. Use a piece of scrap balsa to smooth out any excess glue between the stringers and the Aft Body Tube.



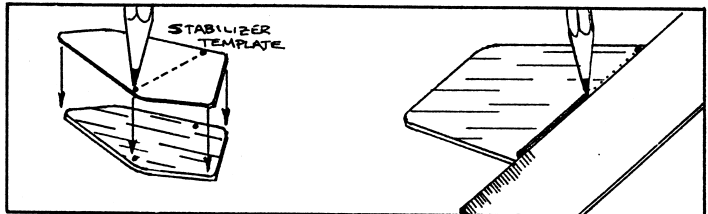
10. [] Using the stringers as guides, mark the Left Wing/Right Wing positions onto the Aft Body Tube. Run the marks its length.



11. [] Cut out the 3 Wing Templates (Main Wing, Outer Wing and Stabilizer). Using the templates as guides, trace and cut out 2 pieces each from the balsa fin stock. Sand all edges smooth. Do NOT round any edges.



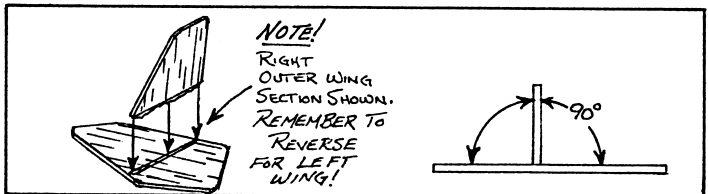
12. [] Using the Stabilizer Template as a guide, place the template on the balsa stabilizer. Transfer the two dot marks to the balsa stabs by lightly poking holes through the template into the balsa with the point of a hobby knife or a sharp pencil. Remove the template. Using a straight edge and pencil connect the dots. Repeat on the stabilizer's other side.



13. [] Rub glue into the root edge and outer edge of the Main Wing and the root edge of the Outer Wing. Once dry, sand roughness left by glue smooth.

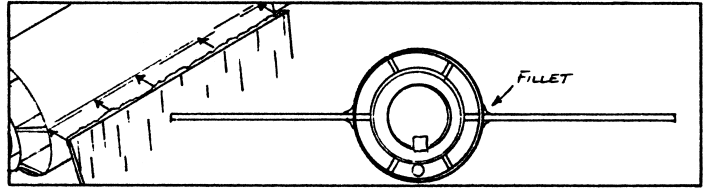


14. [] Run a bead of glue the length of the root edge of the Outer Wings. Making sure that they are facing the correct direction, attach the Outer Wings to the line on the outside of the Stabilizers. Check that the Outer Wings are even with their lines, and that they are a true 90 degrees to the Stabilizers. Let dry.

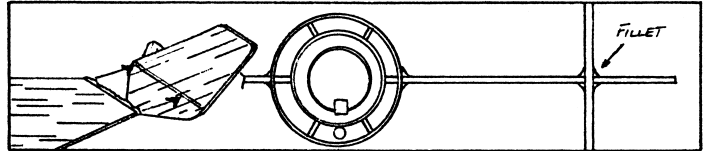


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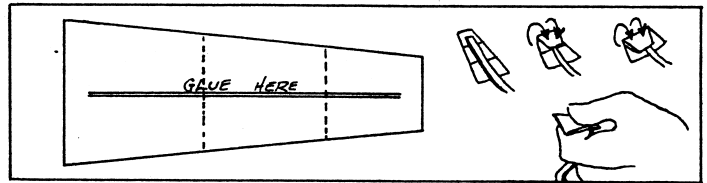
15. [] Run a bead of glue the length of the outer edge of the Main Wings. Again, making sure that they are facing the right direction, attach the Main Wings to the line on the inside of the Stabilizers. Check that the Main Wings are even with their lines, and that they are a true 90 degrees to the Stabilizers. Let dry.



16. [] Run a bead of glue the length of the root edge of the Main Wings. Align the root edges with their guide lines on the Aft Body Tubes, making sure that they are a true 90 degrees to the body tube. Let dry.



17. [] Cut out the shock cord mount. Crease the paper along the dotted lines. Run a bead of glue down the middle of the mount. Lay the shock cord down the center of the of the mount. Run a bead of glue over the shock cord on the mount. Fold the mount as shown. Hold together until the glue starts to set.

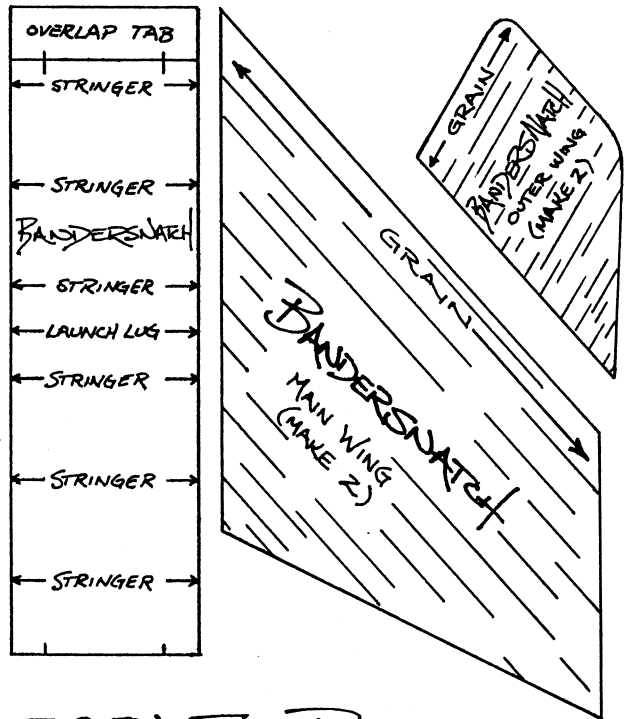


18. [] Apply glue to the back of the shock cord mount. Install the mount inside the front of the body tube, @ 1-1/2" from the front edge. Press firmly against the body tube. Let dry.

19. [] Cut out the parachute shroud from its sheet.

20. [] Cut the shroud line into three even sections. Using the tape disks apply the shroud lines to the parachute shroud.

21. [] Optional. Draw the shroud lines to a point. Feed the lines through the eye of the swivel. Loop over the swivel and pull tight.



The model is now ready for finishing.

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USE PHOTOCOPIES FOR TEMPLATES & MOUNTS

