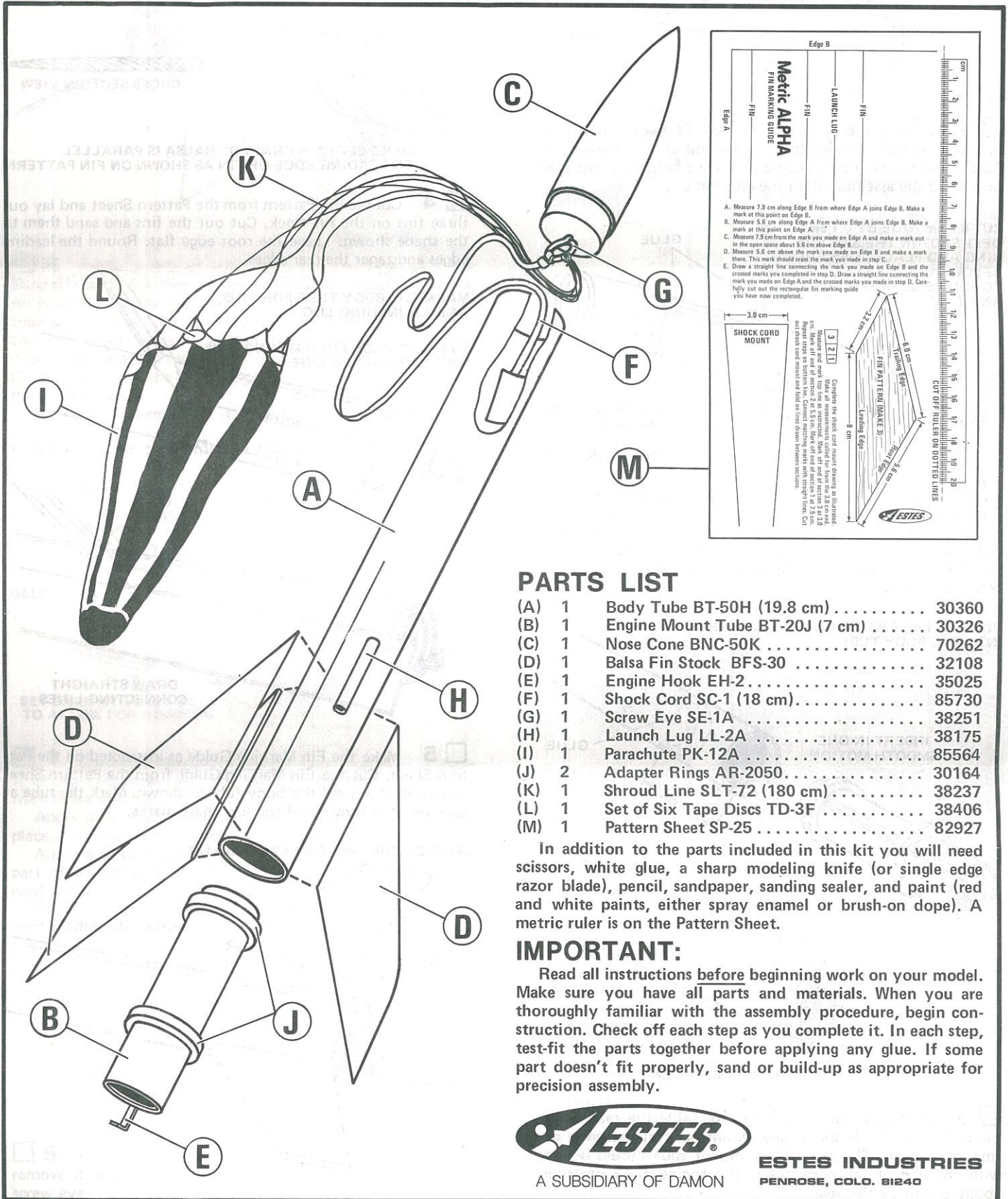


Metric ALPHA



PARTS LIST

(A)	1	Body Tube BT-50H (19.8 cm)	30360
(B)	1	Engine Mount Tube BT-20J (7 cm)	30326
(C)	1	Nose Cone BNC-50K	70262
(D)	1	Balsa Fin Stock BFS-30	32108
(E)	1	Engine Hook EH-2	35025
(F)	1	Shock Cord SC-1 (18 cm)	85730
(G)	1	Screw Eye SE-1A	38251
(H)	1	Launch Lug LL-2A	38175
(I)	1	Parachute PK-12A	85564
(J)	2	Adapter Rings AR-2050	30164
(K)	1	Shroud Line SLT-72 (180 cm)	38237
(L)	1	Set of Six Tape Discs TD-3F	38406
(M)	1	Pattern Sheet SP-25	82927

In addition to the parts included in this kit you will need scissors, white glue, a sharp modeling knife (or single edge razor blade), pencil, sandpaper, sanding sealer, and paint (red and white paints, either spray enamel or brush-on dope). A metric ruler is on the Pattern Sheet.

IMPORTANT:

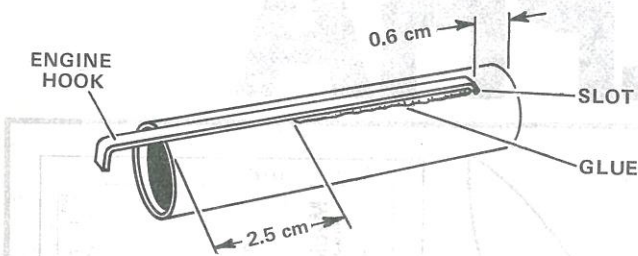
Read all instructions before beginning work on your model. Make sure you have all parts and materials. When you are thoroughly familiar with the assembly procedure, begin construction. Check off each step as you complete it. In each step, test-fit the parts together before applying any glue. If some part doesn't fit properly, sand or build-up as appropriate for precision assembly.



A SUBSIDIARY OF DAMON

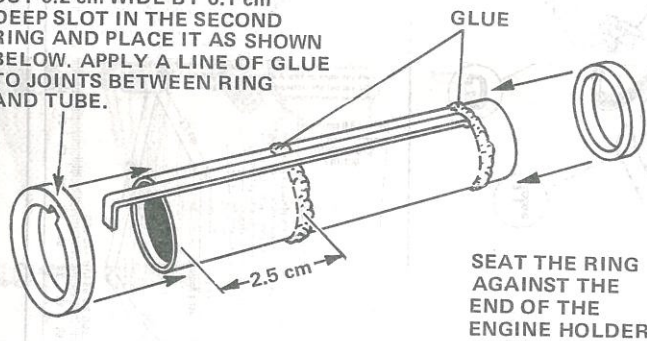
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ASSEMBLY INSTRUCTIONS



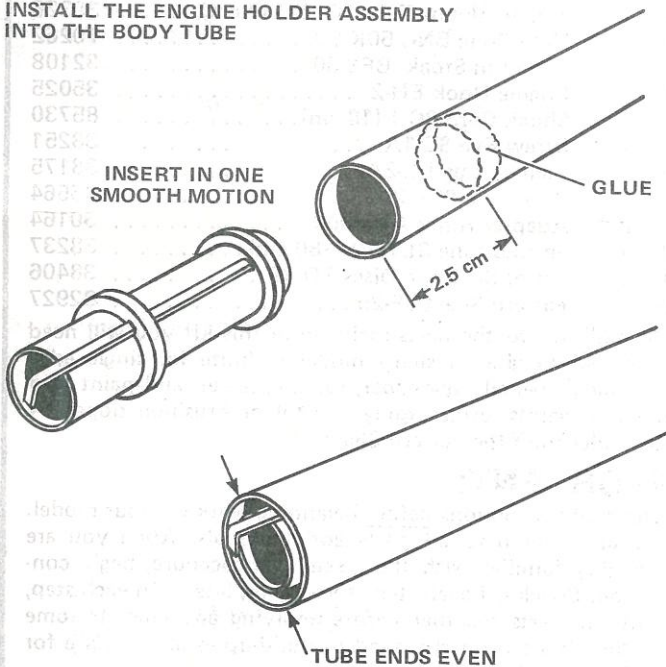
1 Measure 0.6 cm from one end of the engine holder tube and punch a slot for the forward end of the engine hook. Apply glue to the area shown and put the holder into its position. Hold the assembly until the glue has set.

CUT 0.2 cm WIDE BY 0.1 cm DEEP SLOT IN THE SECOND RING AND PLACE IT AS SHOWN BELOW. APPLY A LINE OF GLUE TO JOINTS BETWEEN RING AND TUBE.



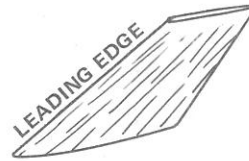
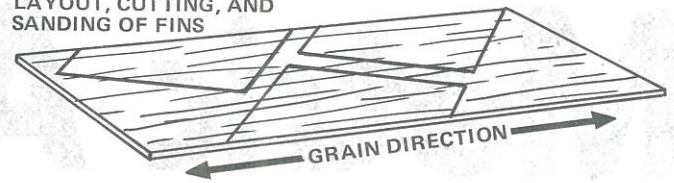
2 Apply a line of glue around the front end of the engine holder tube as shown and slide a ring into place. Smooth out any excess glue. Cut a slot in the other ring as shown. Run a line of glue around the tube 2.5 cm from the rear and slide the slotted ring into place. Apply a line of glue to each joint between ring and tube.

INSTALL THE ENGINE HOLDER ASSEMBLY INTO THE BODY TUBE



3 Apply glue about 2.5 cm up inside the rear end of the body tube. Slide the engine mount unit into place in one smooth motion. The end of the mount tube should be even with the end of the body tube. The engine hook protrudes about 8 mm to the rear.

LAYOUT, CUTTING, AND SANDING OF FIN

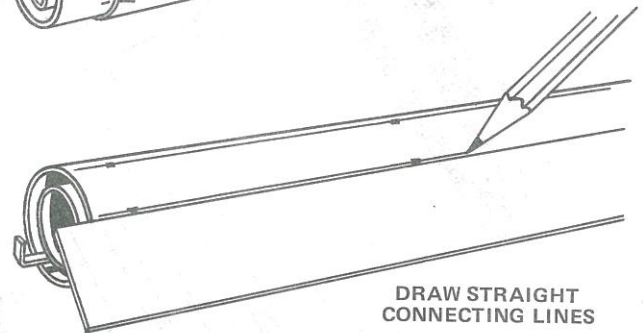
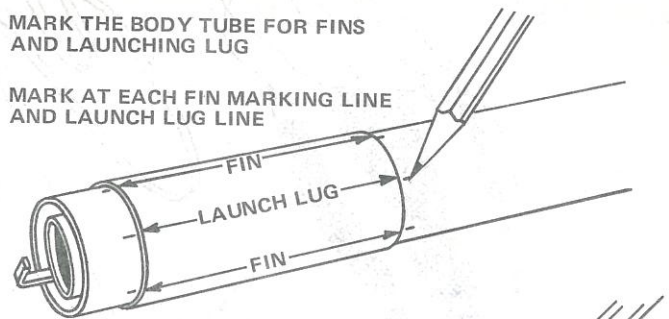


MAKE CERTAIN GRAIN OF BALSA IS PARALLEL TO LEADING EDGE OF FIN AS SHOWN ON FIN PATTERN.

4 Cut the Fin Pattern from the Pattern Sheet and lay out three fins on the fin stock. Cut out the fins and sand them to the shape shown. Leave the root edge flat. Round the leading edges and taper the rear edges.

MARK THE BODY TUBE FOR FINS AND LAUNCHING LUG

MARK AT EACH FIN MARKING LINE AND LAUNCH LUG LINE



5 Make the Fin Marking Guide as instructed on the Pattern Sheet. Cut the Fin Marking Guide from the Pattern Sheet and wrap it around the body tube as shown. Mark the tube at each point as shown and connect these marks.

ATTACH THE FINS AND LAUNCH LUG

