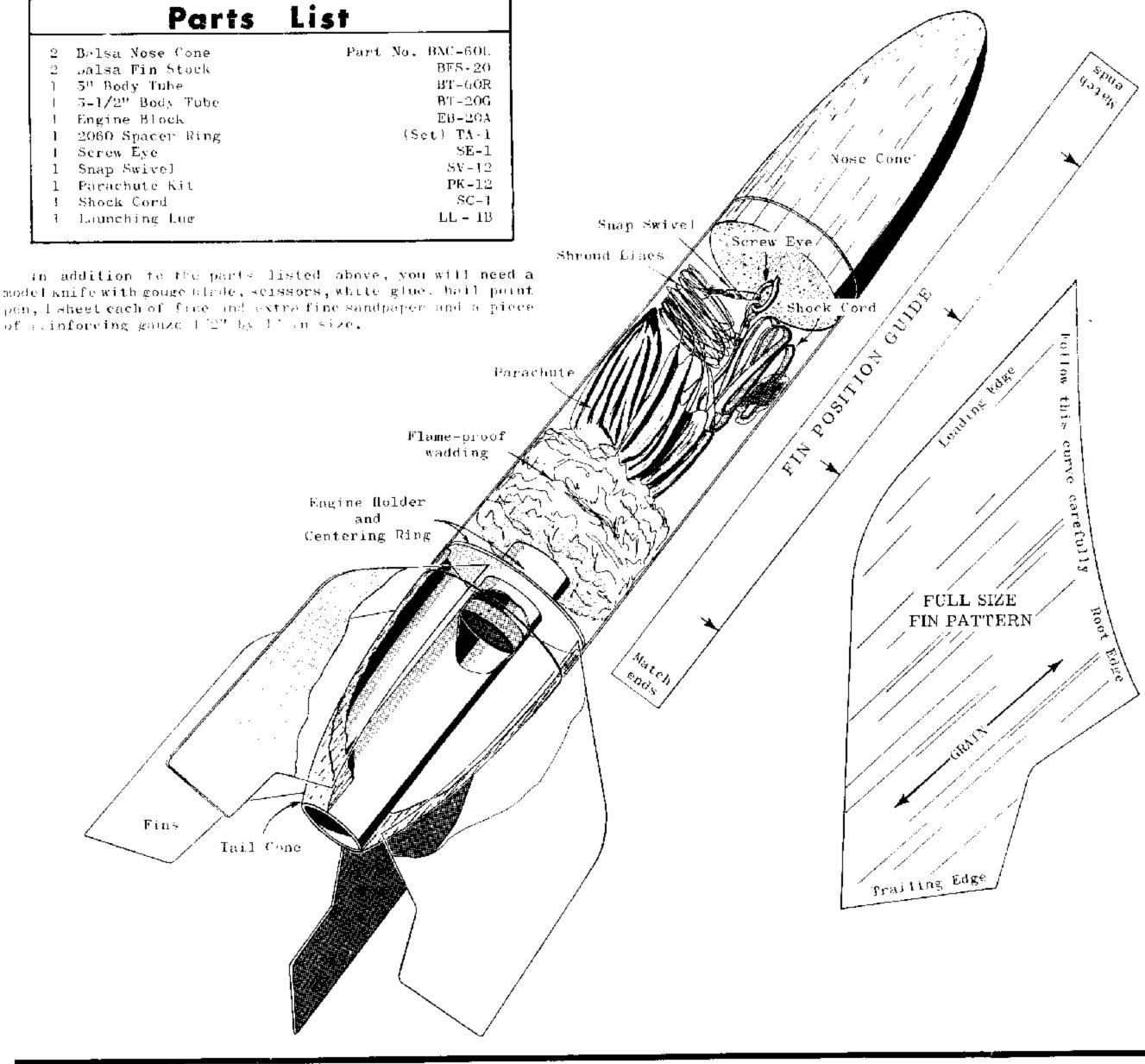
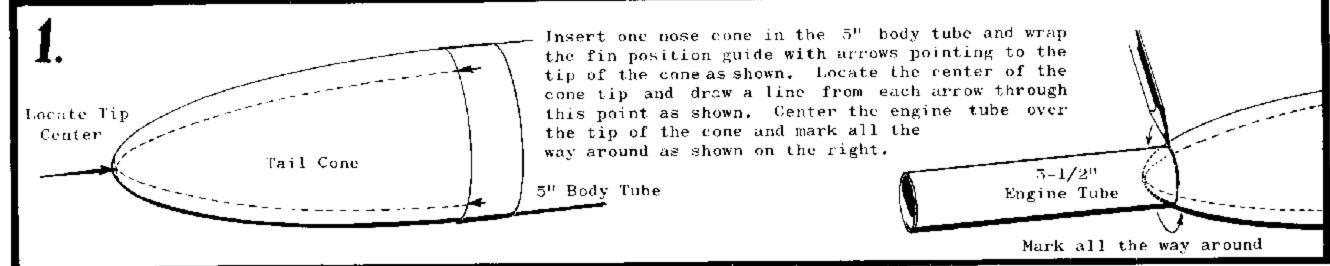
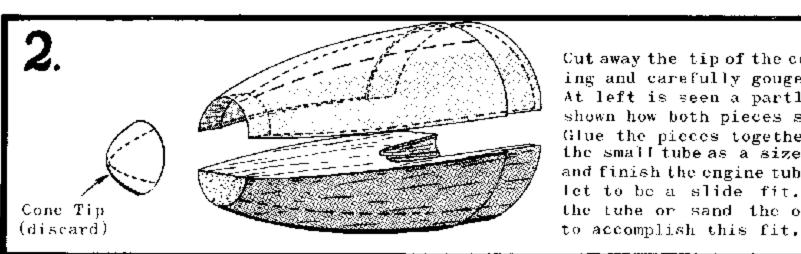
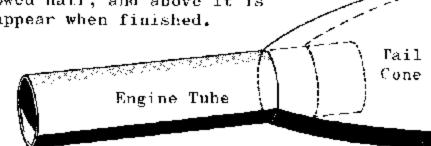
Estes Industries Rocket Plan No. 34 WHEE II



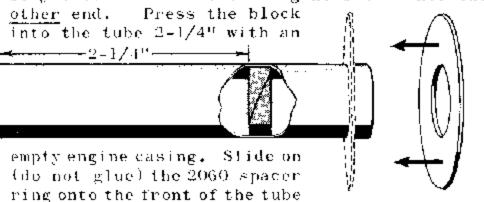




Cut away the tip of the cone and discard. Split the cone for hollowing and carefully gouge each half to a wall thickness of 1/8". At left is seen a partly hollowed half, and above it is shown how both pieces should appear when finished. Glue the pieces together. Use the small tube as a size gauge and finish the engine tube outlet to be a slide fit. Tape the tube or sand the opening



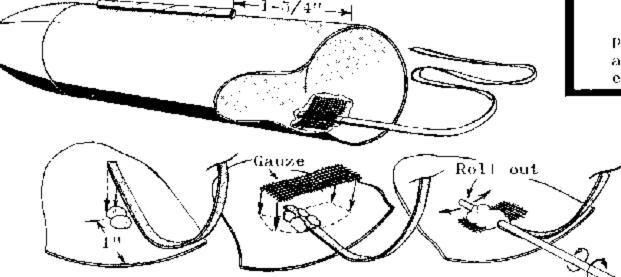
Spread glue $1-1/4^n$ down one end of the $3-1/2^n$ body tube and insert the engine block into the other end. Press the block



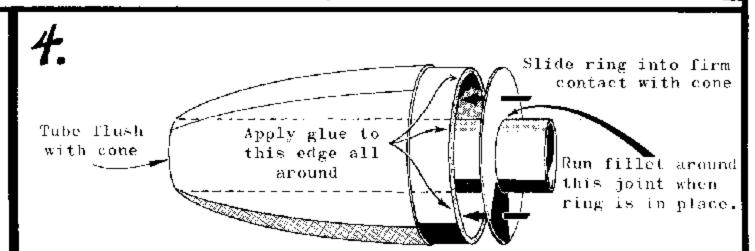
5. Wipe off excess glue 5" Body Tube Tail Cone

Apply glue inside one end of the 5" body tube and install the tail come assembly. Drawaguide line midway between fin Jocations for the Launching Lug. Draw a small mark 1-5/4" from the forward end of the tube to show where the front of the lug will locate.

Shown are the launching lug and shock cord in their installed positions. Shock cord details are shown.

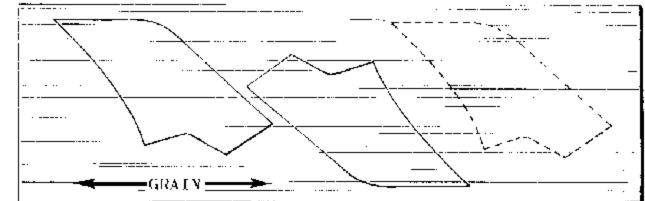


Place two drops of glue 1" into the body tube and lay the end of the shock cord into this. Lay the reinforcing gauze over this point as shown. Apply 5 or 6 drops of glue over the center of the gauze and roll out to either side with a dowel or brush handle. Set aside to dry completely. Assemble the parachute at this moint in construction.

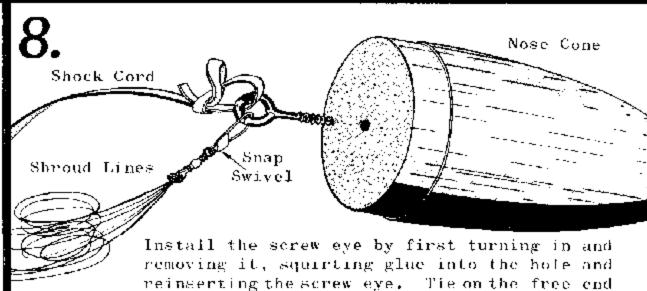


Spread glue inside the tail cone at the engine tube outlet. Slide the tube into place fitting the end flush with the end of the cone. Spread a line of glue around the Front of the cone and slide the 2060 ring into contact. Center the forward end of the engine tube in the fail come with this ring.

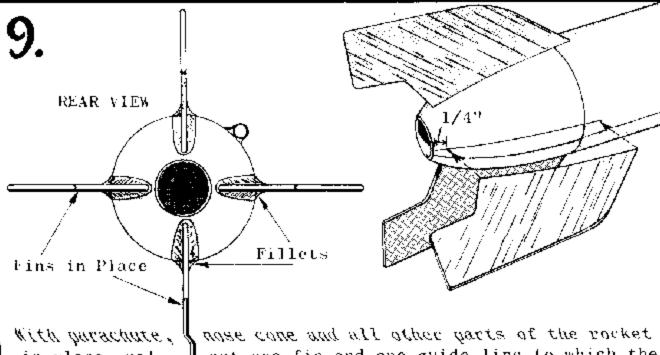
Trace the fin pattern onto stiff paper. Lay the template on the finstock as shown and carefully trace two fins on each



piece. You'll have spare wood for two more fins in case of an accident. Carefully cut out and sand the fins. Make all edges round except the root which will be fitted later.



of the shock cord and clip on the snap swivel.



in place, set- | ect one fin and one guide line to which the fin will be fitted, then glued. Carefully sand the root edge until contact is made along its entire length. Apply glue and align the fin to stick straight out from the tail cone and be in line with the centerline. Do the same with the other three fins and when dry, apply a generous fillet to each. Dry the WHEE II completely and paint to suit your taste. Prep your bird and start the countdown...5...4...3...2...1...LAUNCH!

