

Streamer Recovery

THIS IS NOT A TOY

EAGLE

Specifications:

Length ----- 12.50"

Body Dia. ----- 0.95"

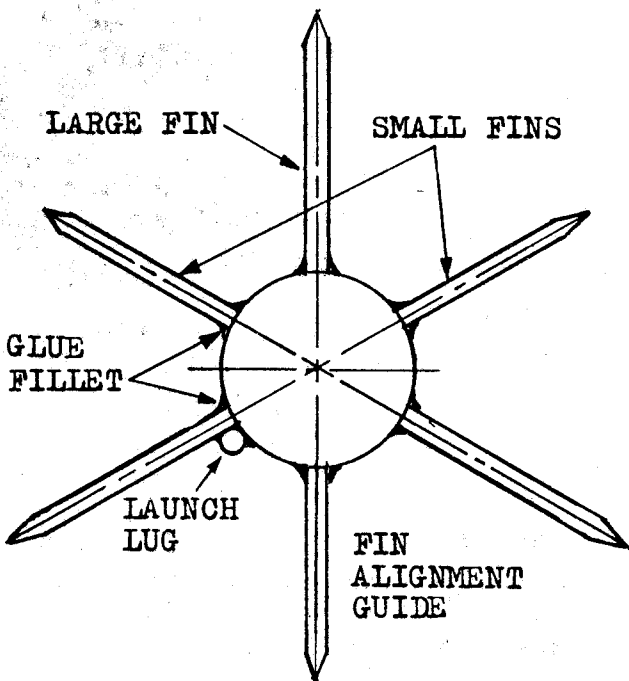
RECOMMENDED ENGINES B-6-4, C-6-5

EAGLE ASSEMBLY INSTRUCTIONS

Construct engine mount as shown in engine mount assembly.
(USE WHITE GLUE ONLY).

- 2 - Cut out fin marking guide, wrap around body tube, tape in place and mark off large and small fin spaces. Remove the guide and draw connecting lines through the marks about 5" along the tube.
- 3 - Cut out large and small fin patterns, trace outlines on balsa fin sheets as shown on fin cutting diagram. Taper leading edges of large fins and taper or round leading edges of small fins.
- 4 - GLUE large fins to body on large tube centerlines. Before fins are dry, check alignment with fin alignment guide. Repeat procedure with small fins. Glue launch lug to fin and body tube as shown on assembly and fin alignment guide.
- 5 - Glue screw eye to nose cone.
- 6 - Cut two slots in top of body tube 1/4" apart and 3/4" from top. Insert one end of shock cord through the slots. Add glue to the slots and shock cord. Add glue to the short piece of cord in the tube to keep it flat and prevent streamer snagging during blow-out.
- 7 - Tie shock cord to screw eye.
- 8 - Fold streamer in half. Add a piece of masking tape over the folded end. Make a small hole thru tape and streamer and trim corners. Tie a piece of string to screw eye and streamer. (String length about 6" long).
- 9 - Glue engine mount assembly into body tube as shown on assembly diagram.

MATERIALS REQUIRED FOR CONSTRUCTION - White Glue, Sharp Knife, Fine Sandpaper, Masking Tape, String, Spray Paint.



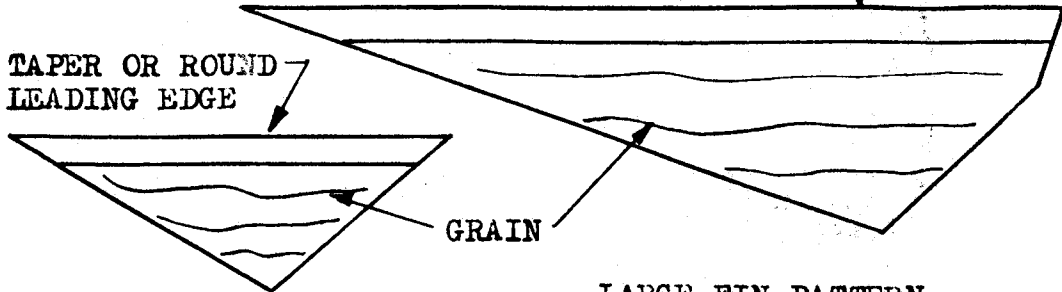
FLIGHT INSTRUCTIONS

- A - Place a small amount of flameproof wadding about 3" into front of body tube.
- B - Insert shock cord and streamer into tube.
- C - Secure engine in tube using a wrap or two of masking tape to prevent engine from falling out.
- D - Insert ignition wire according to directions in engine packet.
- E - Fire rocket in vertical position. USE ONLY ELECTRIC SYSTEM.

TAPER LEADING EDGE

TAPER OR ROUND LEADING EDGE

GRAIN



LARGE FIN PATTERN

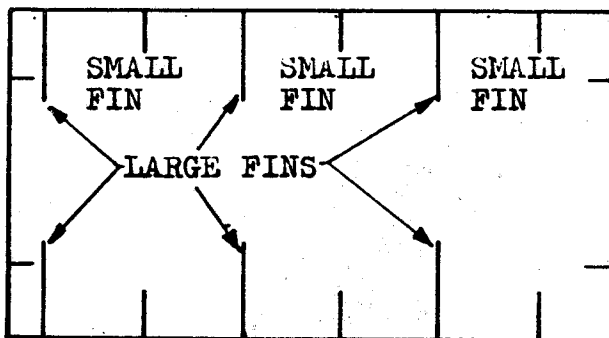
SMALL FIN PATTERN



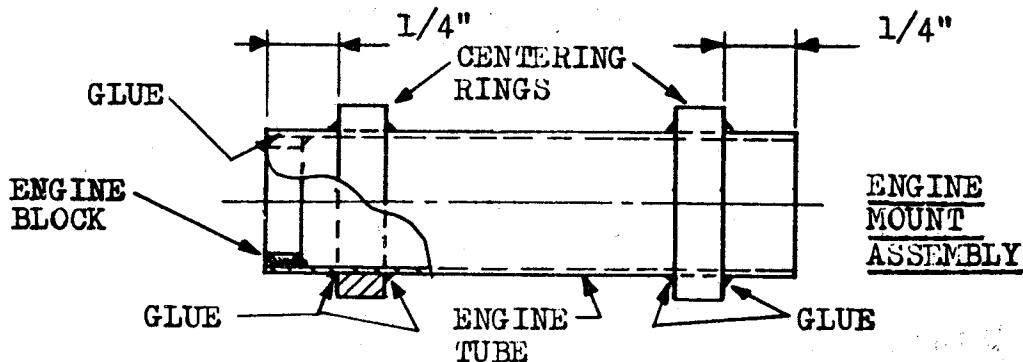
SMALL FIN CUTTING DIAGRAM



LARGE FIN CUTTING DIAGRAM

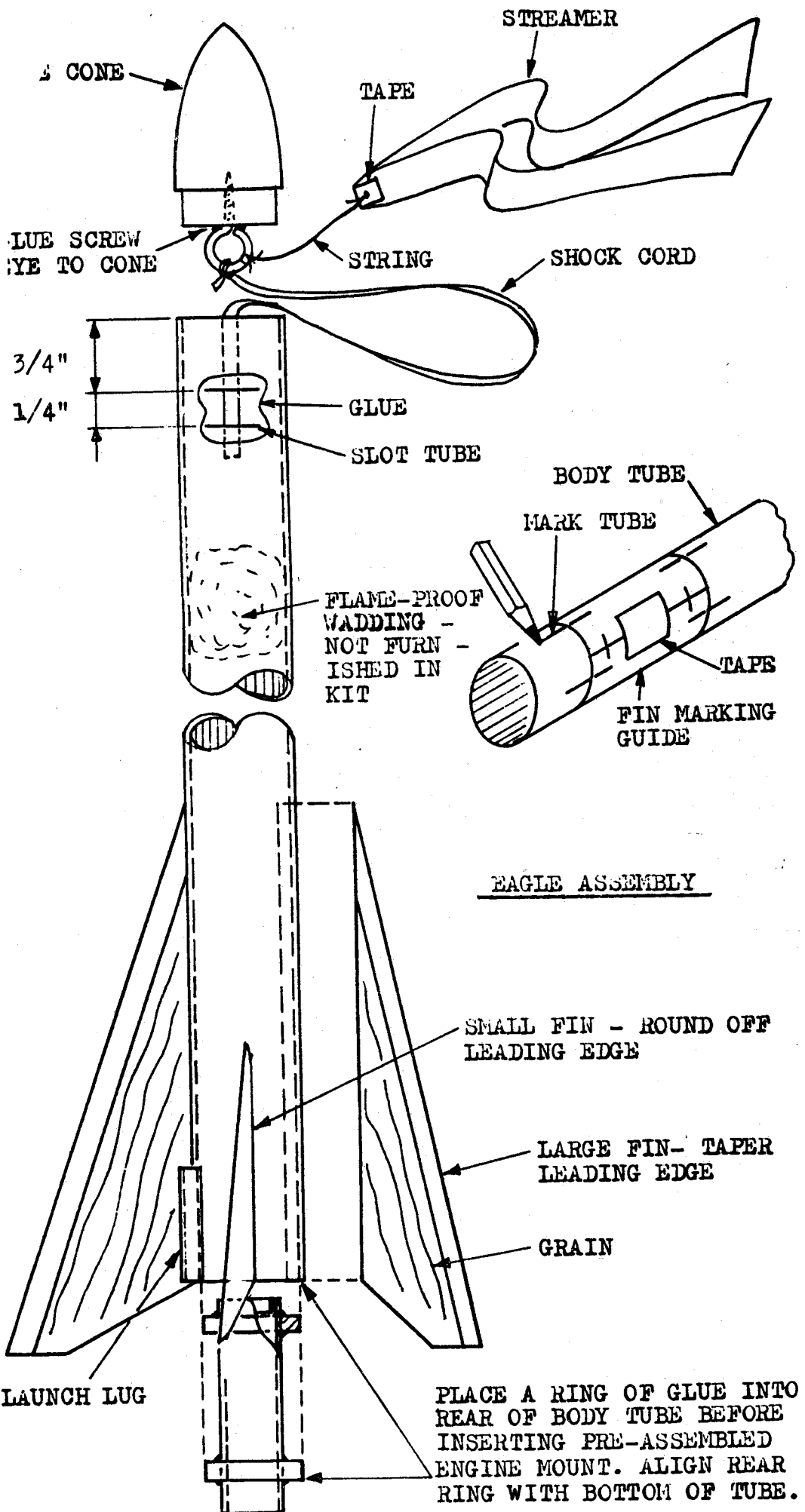


FIN MARKING GUIDE



PARTS LIST

- | | | |
|---------------------|---------------------|----------------|
| 1 - Body Tube | 1 - Nose Cone | 1 - Screw Eye |
| 2 - Centering Rings | 1 - Engine Tube | 1 - Launch Lug |
| 1 - Engine Block | 1 - Shock Cord | 1 - Streamer |
| 1 - Large Fin Sheet | 1 - Small Fin Sheet | |



EAGLE ASSEMBLY

PLACE A RING OF GLUE INTO REAR OF BODY TUBE BEFORE INSERTING PRE-ASSEMBLED ENGINE MOUNT. ALIGN REAR RING WITH BOTTOM OF TUBE.