

METEOR

SKILL LEVEL 1 – Recommended for Beginning Rocketeers.

RECOMMENDED ENGINES:

A8-3 (First Flight) B4-2 B4-4 B6-2 B6-4 B8-5 C6-3 C6-5 C6-7

BEFORE YOU START

Read all instructions before beginning construction 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 lightly or build up as required for precision assembly.



KIT NO. 1370 PARTS LIST

A	1 Engine Mount Tube (type BT-20J)	.....30326
B	1 Engine Hook (type EH-2)	.....35025
C	1 Hook Retainer Ring (type HR-20)	.....30168
D	1 Split Centering Ring (type AR-2050S)	.....80425
E	1 Centering Ring (type AR-2050)	.....30164
F	1 Die-Cut Balsa Sheet (type BF-1370)	.....32376
G	1 Pattern Sheet (type SP-1370)	.....83362
H	1 Body Tube (type BT-50L)	.....30366
I	1 Launch Lug (type LL-2A)	.....38175
J	1 Shock Cord (type SC-1)	.....85730
K	1 Nose Cone (type PNC-50V)	.....71025
L	1 Streamer (type SM-1C)	.....38273
M	1 Tape Disc (type TD-1)	.....38401
N	1 Decal Sheet (type KD-1370)	.....37597
O	1 Shock Cord Mount (type SCM-50)	.....84444

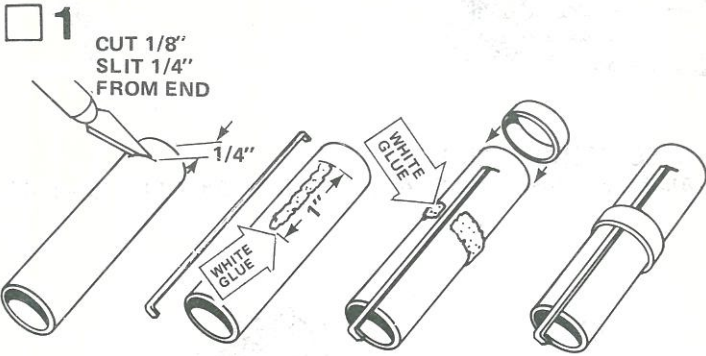
TOOLS AND MATERIALS

In addition to the parts included in this kit you will need: Scissors, household white glue (Elmer's, Titebond, or similar), pencil, ruler, fine or extra-fine grit sandpaper, sanding sealer, a medium-size modeling paint brush, modeling knife with a sharp blade, masking tape, gloss white and gloss red enamel spray paint.

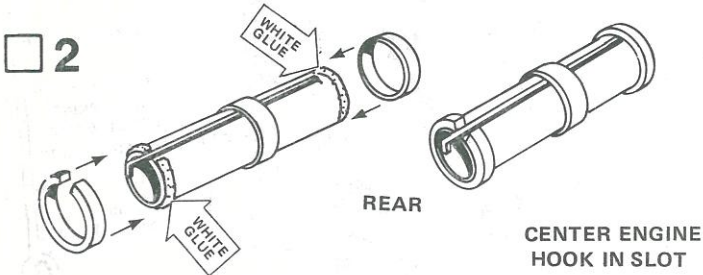
For easy and positive alignment of the fins on your model, we recommend the use of Estes' Fin Alignment Guide, Part. No. 2231.



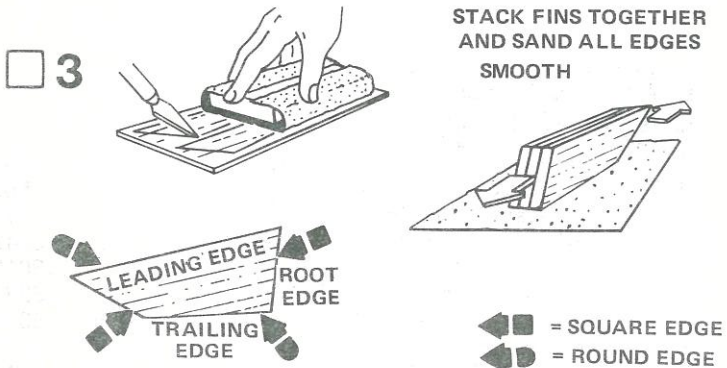
ASSEMBLY INSTRUCTIONS



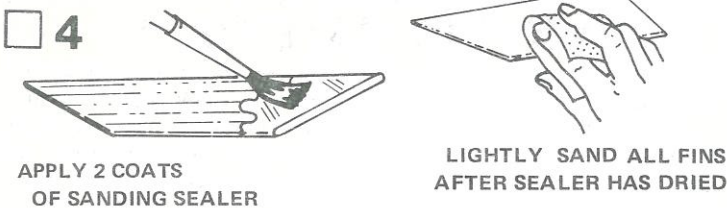
Cut a 1/8" slit in the engine mount tube (part A), 1/4" from one end as shown. Apply a 1" long line of glue to the tube. Push one end of the engine hook (part B) into the slit and press the main part of the hook into the glue. Apply a line of glue around the middle of the tube and slide the hook retainer ring (part C) over tube and hook, onto the glue.



Glue the split centering ring (part D) to the engine mount tube so the engine hook is centered within slot in ring and even with rear of tube. Avoid getting glue into the slot. Glue the other ring (part E) to the front of the engine tube against the end of the hook as shown.

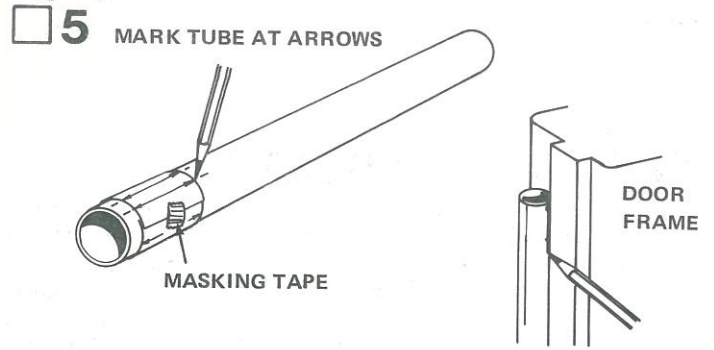


Fine-sand the balsa die-cut sheet (part F), then carefully remove the die-cut fins from the sheet. Free the edges with a sharp knife. Sand the leading and trailing edges of the fins round. Leave other edges square.

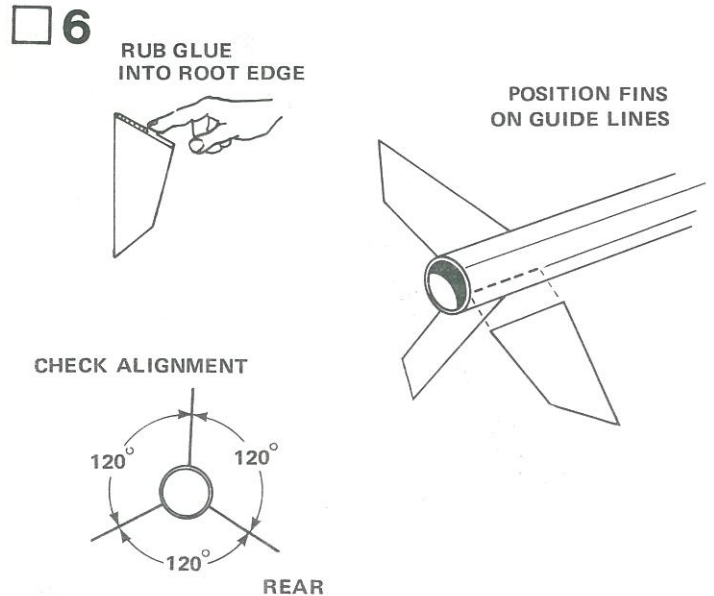


Apply a coat of sanding sealer to each fin. Apply sealer to all edges except the root edge. When sealer is dry, lightly sand all the sealed

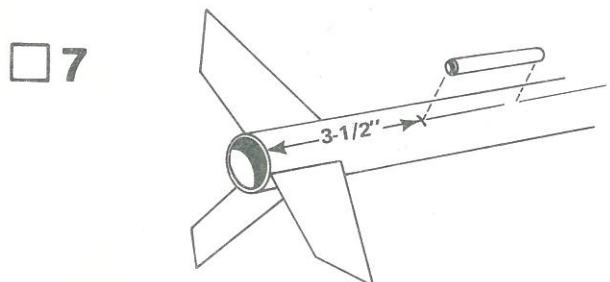
surfaces. Repeat sealing and sanding process until balsa grain no longer shows. Resand root edge, lightly, to remove any trace of sealer.



Cut out the tube marking guide from pattern sheet (part G) and wrap it around the body tube (part H). Mark the body tube at each of the arrow points. Draw straight lines connecting each mark. A door frame inside edge can be used as a guide as shown. Extend the lines about 6" up from the rear of the tube.



Rub a line of glue into the root edge of each fin and allow to dry. Apply glue to the fins and position fins on the alignment lines in their correct positions on the tube. Refer to the illustration to be sure of these positions. Adjust the fins so they project straight away from the body tube. Do not set the rocket on its fins while the glue is wet.



Glue launch lug (part I) to rocket body tube on the launch lug line. The rear of the launch lug should be 3-1/2" from the rear of the rocket body tube. Align the launch lug straight along the body.