

THE STING

BODY KIT 1.6" #RB5

This is a Component System Rocket
Kit.

Height 29"

Diameter 1.6"

Weight 2.5 oz

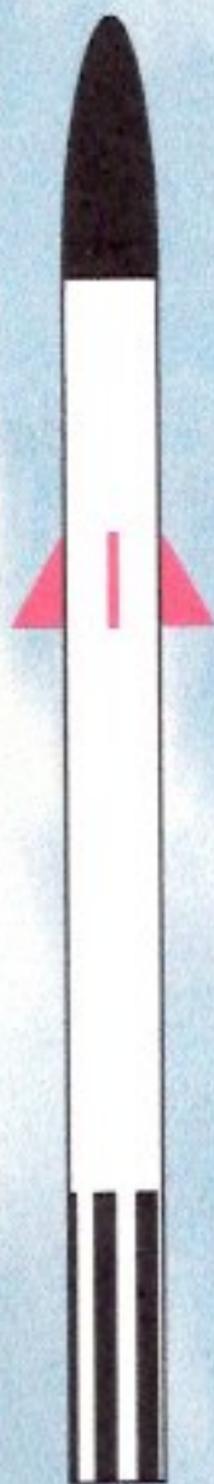
Power
see LIFT KIT specs

A MACH-I LIFT KIT
is required to launch
this kit.

This BODY KIT is designed to work with
all MACH-I 1.6" LIFT KITS.

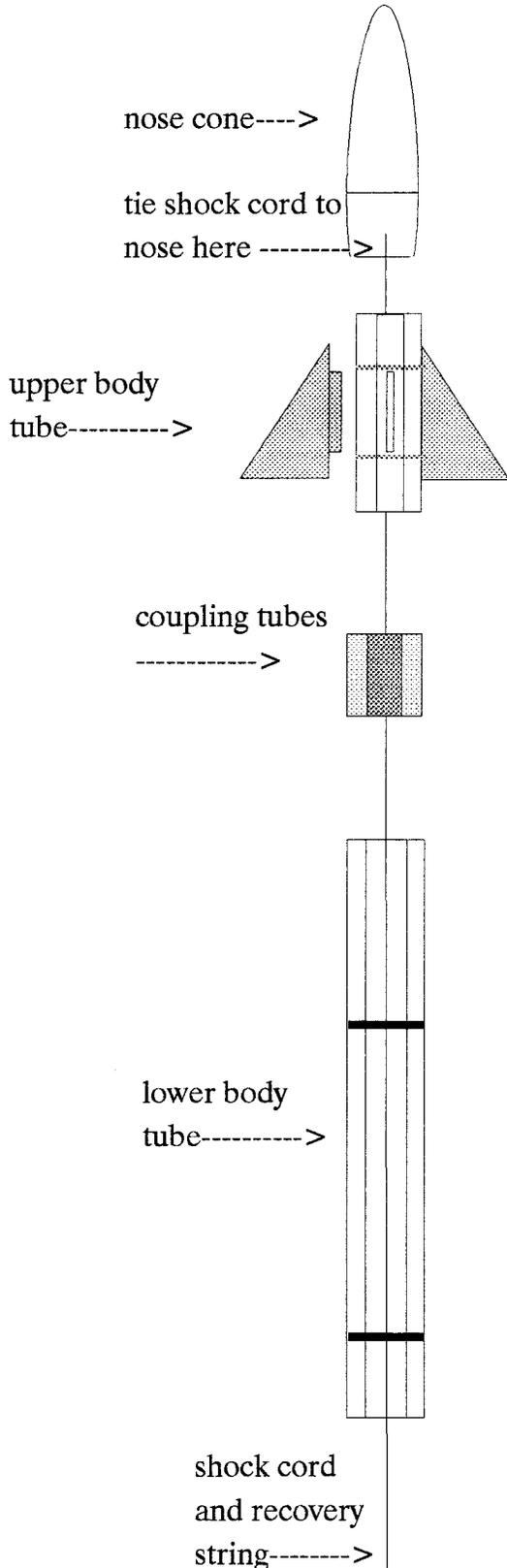
No recovery wadding is needed.

pub. # 10110



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THE STING BODY-KIT ASSEMBLY INSTRUCTIONS

Items required: fine sand paper (220 or finer), ruler, razor knife, CA glue, and paint.

1) Sand nose cone smooth including port for the recovery line.

2) Mark two lines around the 18" long .975" diameter tube, one 3" from the bottom end, the other 6" from the top end. Glue a centering ring on each mark.

3) Glue the centering ring into the 6" long body tube just flush to the slots.

4) Glue the inner tube assemblies into the body tubes, make sure the tubes are flush to each other.

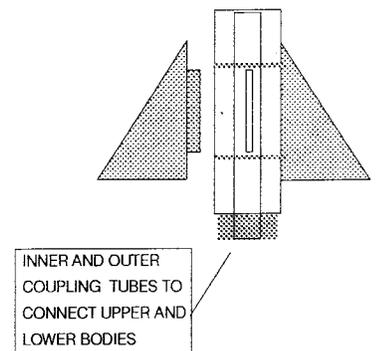
5) Glue the fins into the slots. Grain of wood should be parallel to the leading edge.

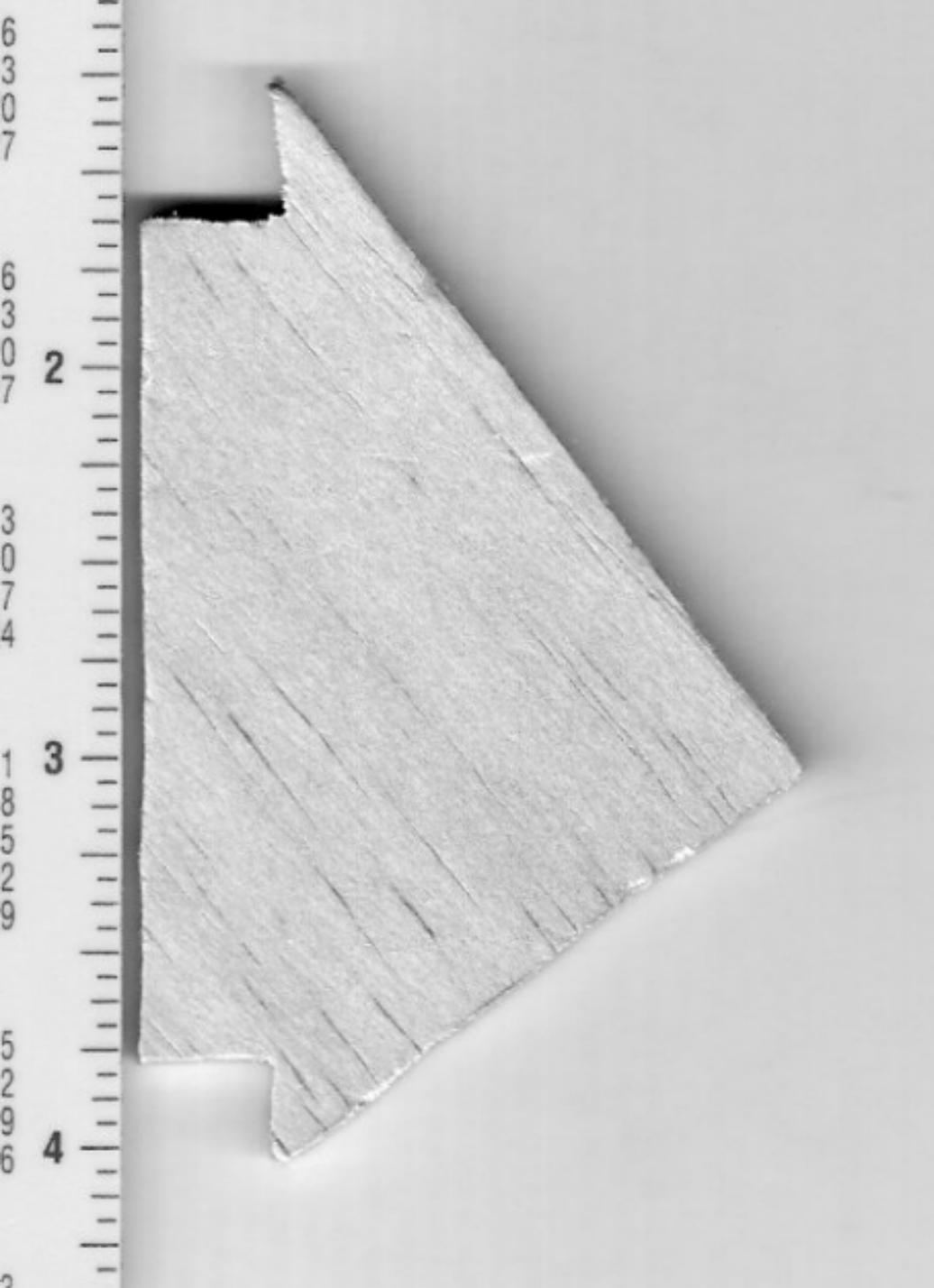
6) Glue the upper and lower body assemblies together, using the coupling rings.

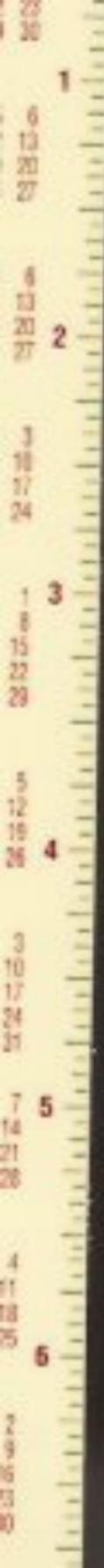
7) Tie the recovery line to the nose cone. **(If you forget to tie it on now it will be a BIG pain later.)** A drop of CA on the knot is cheap insurance.

8) Drop the recovery line through the inner tube, then glue the nose cone into place, trim inside of nose cone if necessary.

9) Paint to desired finish.







Mach 1 Industries The Sting Parts List

- | | |
|-------------------------|-------------------------|
| 1. Nose cone (see jpeg) | |
| 2. Lower body tube | 18" BT60 |
| 3. Upper body tube | 6" BT60 |
| 4. Lower inner tube | 18" BT50 |
| 5. Upper inner tube | 6" BT50 |
| 6. Fin stock | 5/32" balsa ply |
| 7. Recovery string | 60" 1/32" diameter cord |
| 8. Shock cord | 8" 1/4" elastic fabric |
| 9. Centering rings | 4 ea CR5060 |
| 10. Tube coupler | 2" JT50 |
| 11. Tube coupler | 2" JT60 |

Construction note.

The upper body tube is slotted, four slots at 90 degree separation. Slots begin 2 3/8" from forward end of tube. Make slots long enough to accommodate tabs on fins.

The elastic shock cord should be tied to the nose cone. The instructions aren't clear on this but the recovery line attaches to a lift kit so the elastic needs to be at the nose cone.

Parachutes were not provided in either the lift kits or the body kits. Recommend using at least an 18" parachute.