Assembling Your Phantom

Instructions before beginning construction:

Examine by other people.轻轻地 set the entire will be held in place and
- the engine will be glued, when the glue has
- points will be glued. When the glue has
- pasted, the engine will be glued; when the glue has
- paste a small spot of
- the end of the block, and another exact spot with
- the end of the strip is exactly even with
- that strip should be pasted to the body. The
- Body tube is glued to the end of the strip, and apply it to the end of the
- (2) Cut one of the tape strips in half.

PHANTOM

PROJECTS

PERFECT FOR

ROCKET DESIGN

DEMONSTRATES MODEL

ESTES INDUSTRIES, INC.

Price

$1.75
3) Tamp a wad of cotton, facial tissue, or similar material down into the tube immediately over the engine block. This is the wadding used in model rockets to provide a piston and gas seal for proper operation of the recovery system.

4) Cut two slits 3/16" apart in the tube about 3/4" down from the end of the tube as in the drawing. Press the section between the slits inward and pass the shock cord through as indicated. Push the caved in portion outward to hold the shock cord in place.

5) Cut out the parachute on the edge lines. Cut six 12" lengths of shroud line cord. Using a tape strip positioned the long way, attach one end of each cord to a corner of the parachute material. Tie the other ends of the six cords together.

6) Screw the eye into the base of the nose cone, and tie the loose ends of the shock cord and the shroud lines to the eye. Fold the parachute and insert it into the body tube, pack the shroud lines and shock cord in over it, and put the nose cone in place. If desired, the nose cone may be painted before the screw eye is attached.

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ABOUT THE
ROCKET ENGINE

The engine of the Astron Phantom has been specially prepared to present no fire hazard. Clay and similar materials have been substituted for the fuel, and have been colored to show the various components of the engine.

Under no circumstances should an actual engine containing fuel be cut open. Rocket engines are safe only as long as they are intact, and should you open an engine, you may well ignite the fuel and burn yourself seriously.
ASTRON

DEMONSTRATES MODEL ROCKET DESIGN

Price $1.75

PHANTOM

PERFECT FOR SCIENCE FAIR PROJECTS

Estes Industries, Inc.

Box 257 — Penrose, Colorado