

Sky Hook

PARTS LIST

Body Tube	BT-30
Nose Cone	BNC-30N
Fin Stock	BFS-20
Engine Block	EB-30
Launch Lug	LL-1B
Parachute	PM-1
Shock Cord	SC-1
Screw Eye	SE-1

First cut a body tube 7" long. Then glue the engine block in place 2-9/16" from the rear of the body tube. To do this, first mark an empty engine casing 2-9/16" from one end. Place a large dab of glue on the end of your little finger, reach through the end of the body tube as far as possible, and spread the glue around the inside of the tube. Insert the engine block into the end of the tube, and holding the empty engine casing by the end with the mark on it, quickly push the engine block forward until the mark on the engine casing is even with the end of the body tube. Remove the engine casing immediately.

Cut out the fins, mark the tube to space them correctly, and glue them in place. Cut two slits in the forward end of the body, one below the other, 3/4" and 1" from the end of the tube. Insert one end of the shock cord through the two slits from the inside, and glue. Glue the launch lug in place. Attach the screw eye to the nose cone. Assemble the parachute and tie the ends of the shroud lines to the screw eye. Tie the free end of the shock cord to the screw eye.

Sand all balsa surfaces, and paint the rocket the desired colors. To fly the Sky Hook, pack flameproof cotton or rock wool down against the engine block from the top. The wadding should fill at least 1-1/4" of the tube. Pack the parachute in on top of the wadding, with the shroud lines and shock cord over the 'chute. Put the nose cone in place. Wrap tape around the engine until it makes a tight friction fit inside the body. Install the nichrome igniter, and the Sky Hook is ready to launch.

Available in easy to build kit form, complete with all parts and detailed instructions. Order the Astron Sky Hook, Cat. No. 631-K-8, \$1.35. Shipping weight, 5 oz.

Completed rocket weighs .65 oz., without engine.

