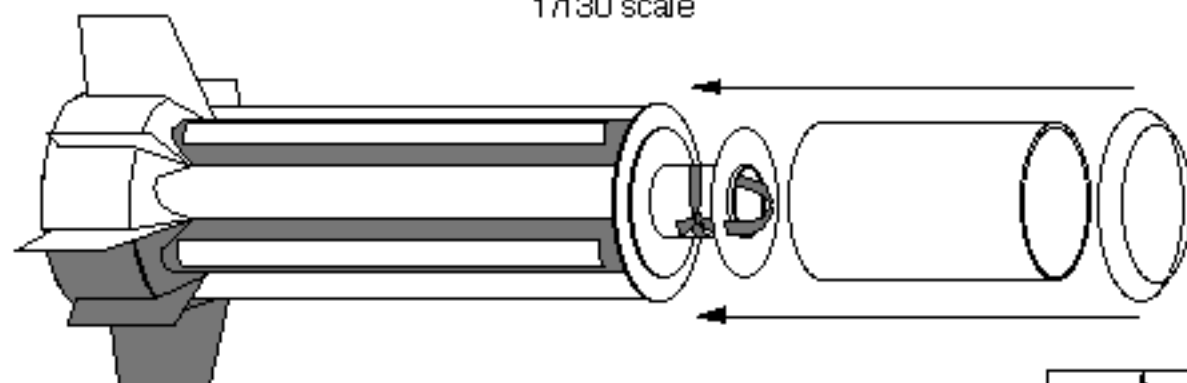
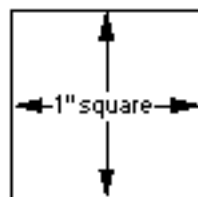


Saturn I

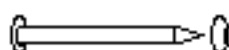
1/130 scale



9) Glue the S-IV tube (L) over the RA-2060 adapter rings. Cut the interstage shroud (M) from cardstock, and glue the ends together to form a truncated cone. Slip the shroud over the S-IV tube and glue into place.



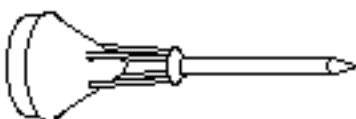
10) The nose section of this model requires three specially turned pieces. The S-IV adapter (H) and nose cone (E) are turned from balsa blocks using a power drill or lathe. The launch escape rocket (A) can be made from 3/16" dowel sharpened with a pencil sharpener. Alternatives include custom turnings from Balsa Machining Service, a paper shroud for the S-IV adapter, and a hand-carved nose cone.



11) Glue a 3/8" cardboard disk (C) to the base of the escape rocket (A). Cut out the escape rocket shroud (B) from cardstock, and glue it into a cone. Slip the cone down over the escape rocket and glue it into place.

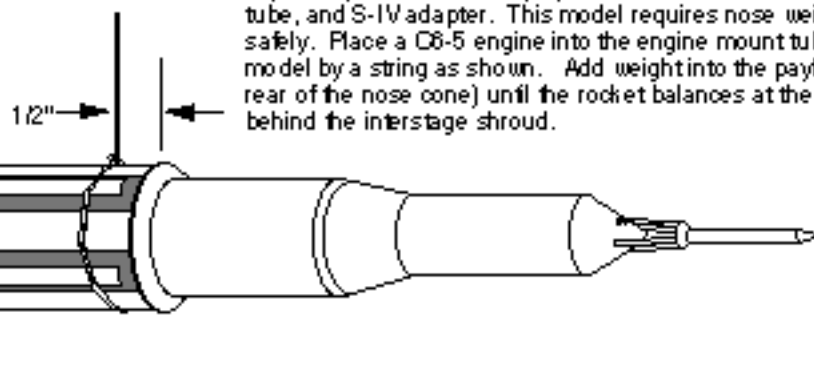


12) Use the template on the pattern page to mark the positions of the bottom ends of the escape tower struts on the nose cone. Cut four notches equally spaced around the nose cone (E) for the escape tower struts (D). Glue the struts into place. Use the escape rocket as a pattern to be sure the upper ends are spaced properly.



13) Carefully trim the upper ends of the struts so that the escape rocket is properly aligned. Then glue the escape rocket into place.

14) Complete the recovery system, and attach the nose cone, payload tube, and S-IV adapter. This model requires nose weight (E) to fly safely. Place a C6-5 engine into the engine mount tube. Suspend the model by a string as shown. Add weight into the payload section (at the rear of the nose cone) until the rocket balances at the point shown, 1/2" behind the interstage shroud.



This is a complete, flyable model rocket. For a more detailed model, refer to details on p. 71 and the scale data drawings on pp. 72-73.