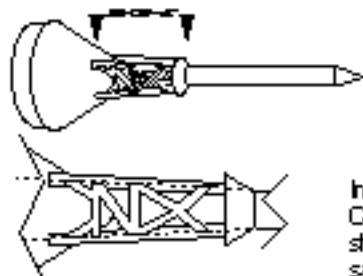
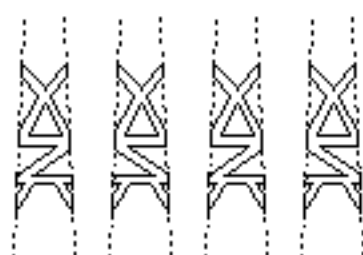


Saturn I

1/30 scale
Optional Detail Parts

Escape tower frame:

Copy frame patterns onto cardstock, cut out, and glue between struts.



Reaction control system (RCS) engines:
Make four junction boxes from basswood,
16 nozzles from small wood dowel milled in
pencil sharpener.



Instrument unit

Out four holes through payload tube (G). Be sure
shoulder of transition (H) under instrument unit is
sanded and sealed. Make horizon detector from
disc of plastic.



Ullage rockets: Make four from basswood.



Liquid hydrogen lines:

Make three of each from 1/8" dowel or plastic tube.



Upper section, glued adjacent to spider beam ends.

Lower section, glued between tanks, in line with fins.

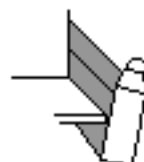
Round end, outslit in end
to fit over fin.



Fairings above
numbered fins.
Make four from
1/16" basswood.



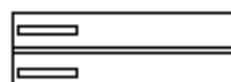
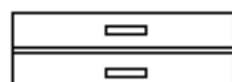
Fairings above stub fins
(shaded area of pattern).
numbered fins. Make four from
1/16" basswood.



Petro-rockets:
turn four from 3/16"
dowel in drill chuck



Antenna panels



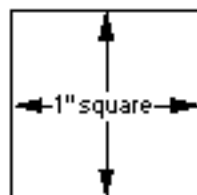
Panels: Make 2 of each from cardstock

Antennas: Make 4 of each from 1/16" basswood

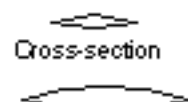


Above fins I and III

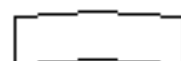
Above fins II and IIII



Turbine exhaust vents:
Make 4 from 1/16" basswood.
Sand leading and trailing edges sharp,
glue 22.5° to the right of large fins.



Engine fairings



Out four from a scrap of BT-
60 tubing. Glue to base of
tail tube under stub fins.



Engines: Turn four from 1/2"
dowel, glue into holes in heat
shield, tilted 6° outward.



Tank Lettering:
Use 1/8" red vinyl or dry
transfer lettering for
UNITED STATES lettering
on booster tanks.