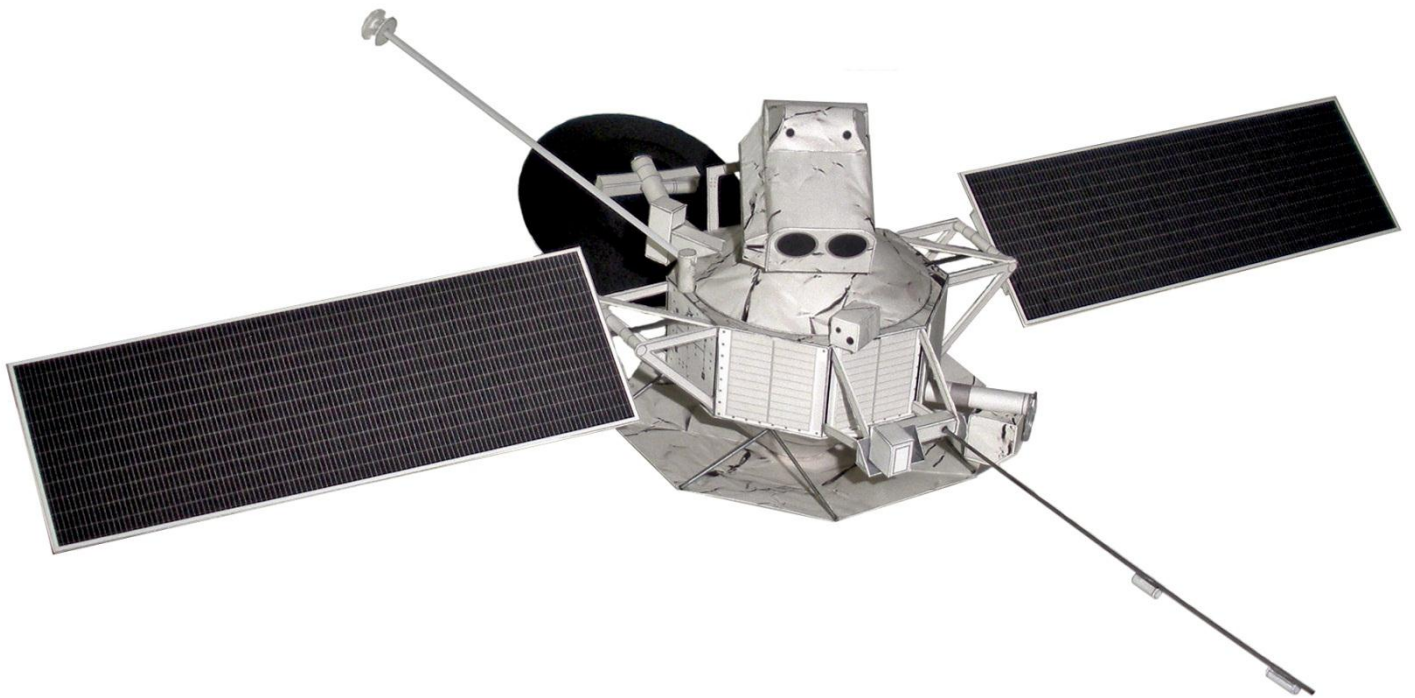
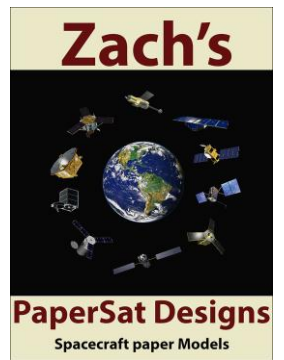
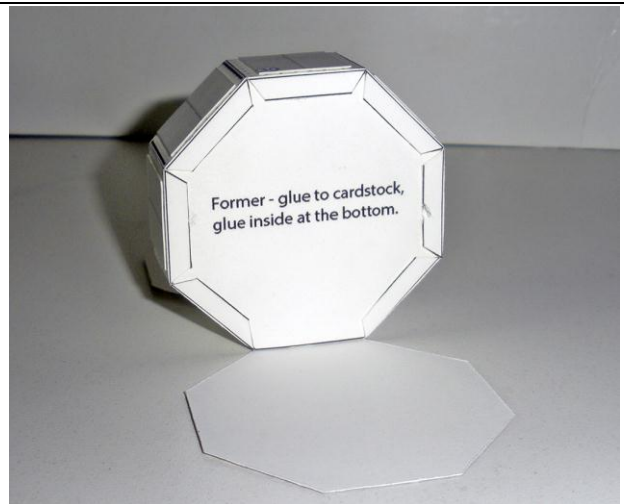
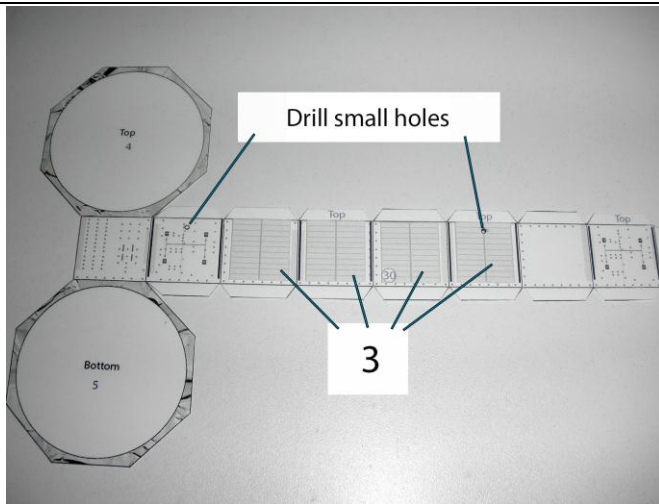


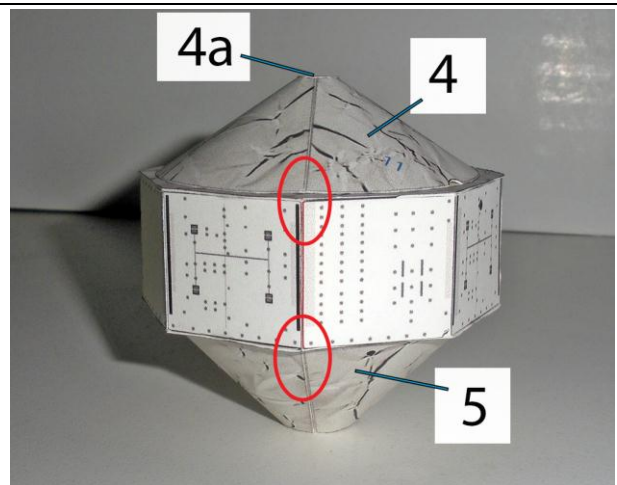
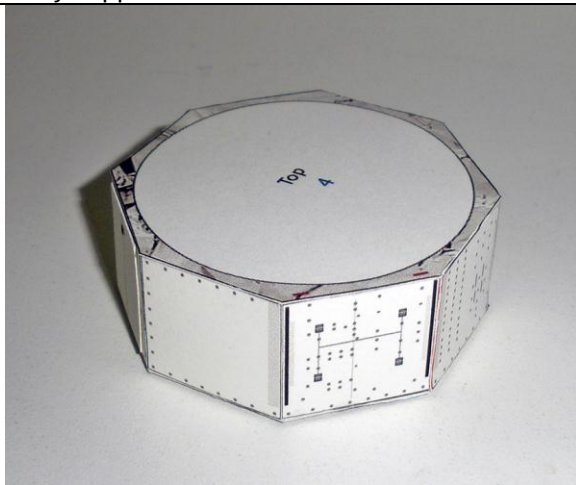
Mariner 10

1/25 Scale Paper Model Instructions

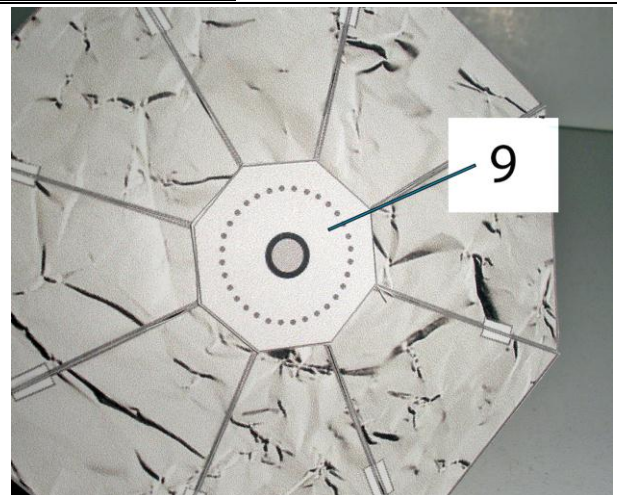
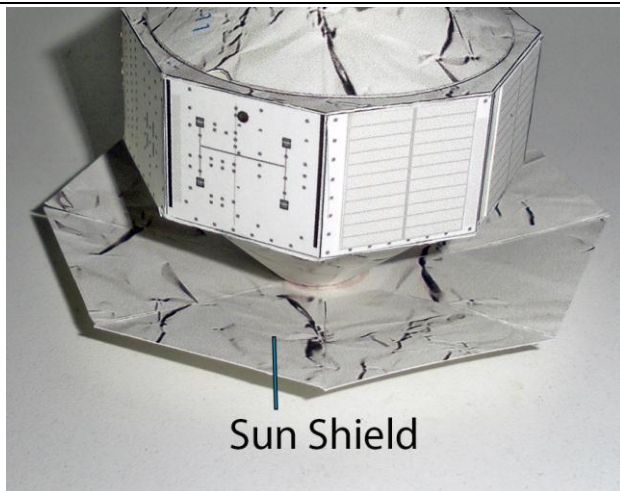




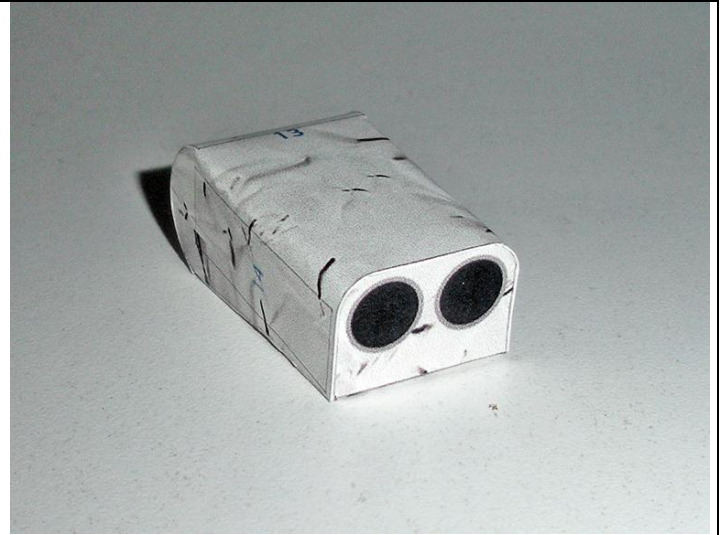
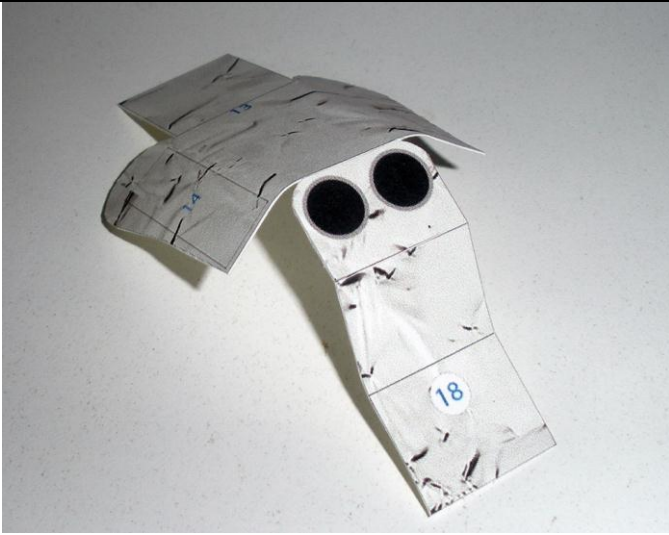
Poke holes on the black dots on the body and part **3** for the solar array support rod.



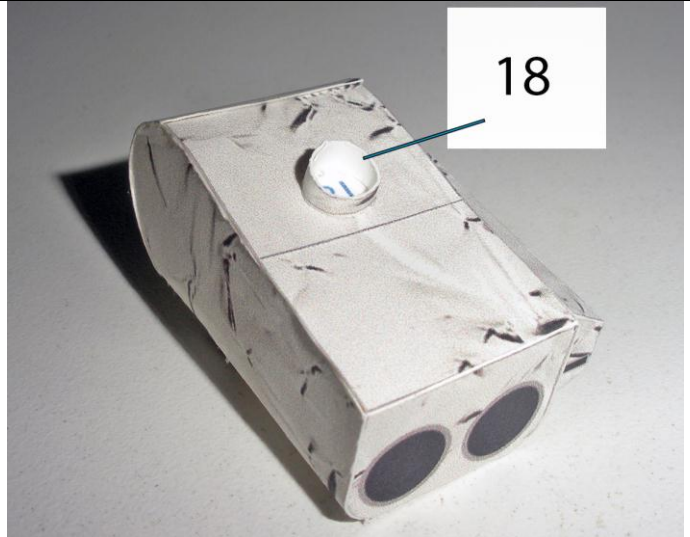
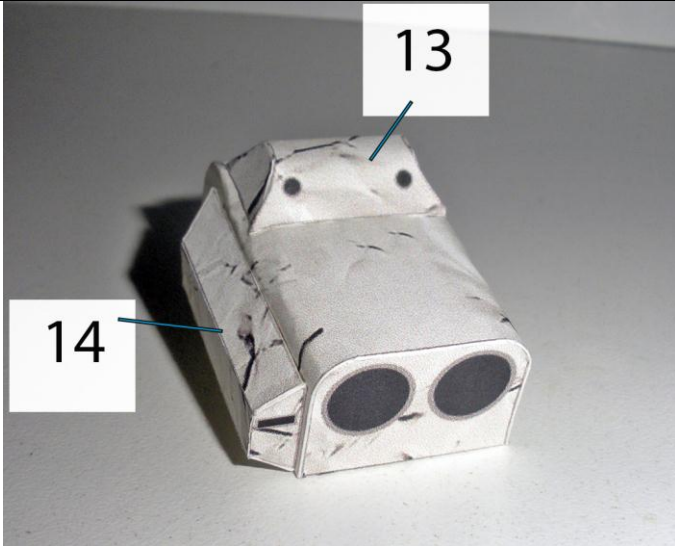
Keep the seem on parts 4 and 5 aligned with the seem on the body (red line). Drill small holes on the four black dots on part 5 – bottom cone.



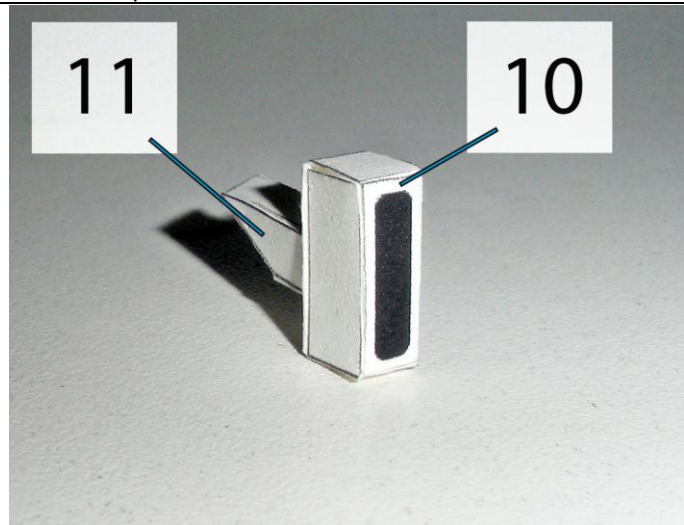
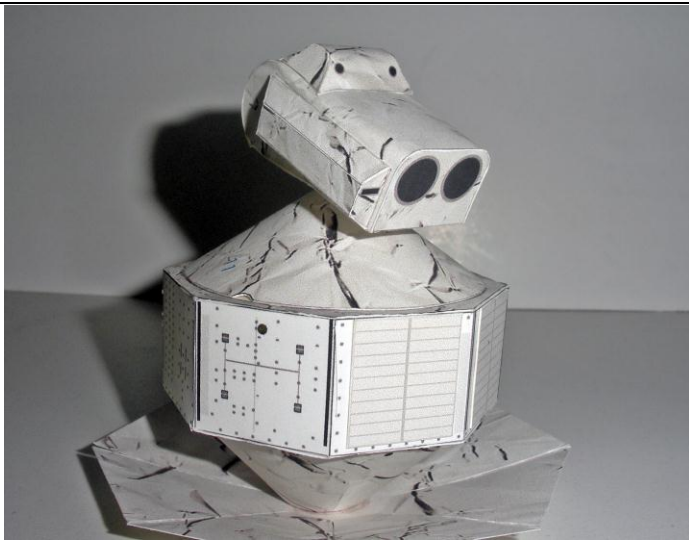
Glue the sun shield to the bottom. Try to center it as best as you can. Keep the straight edges on the sun shield in lined with the straight edges on the body.



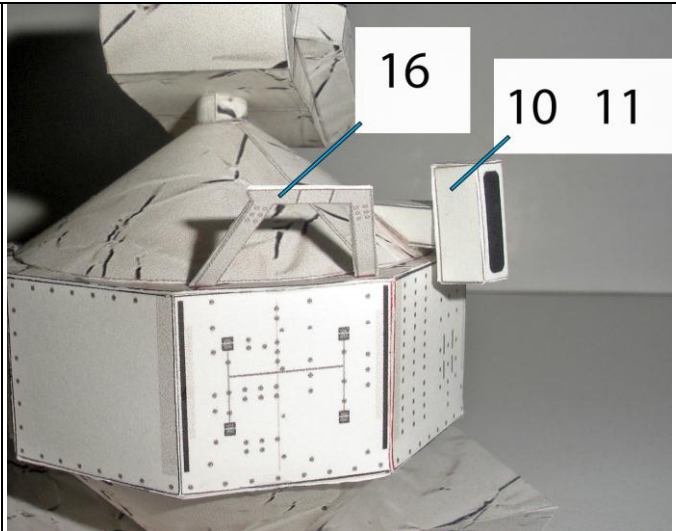
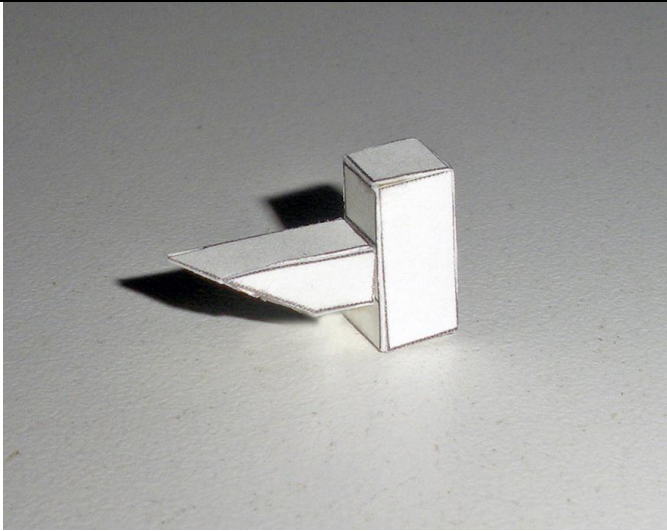
Part 17



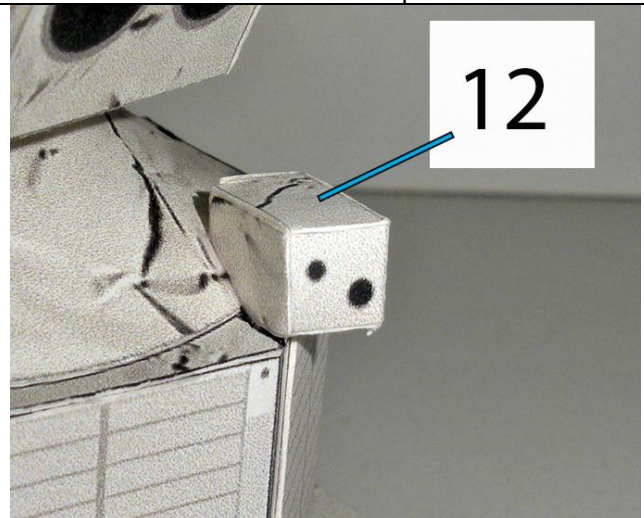
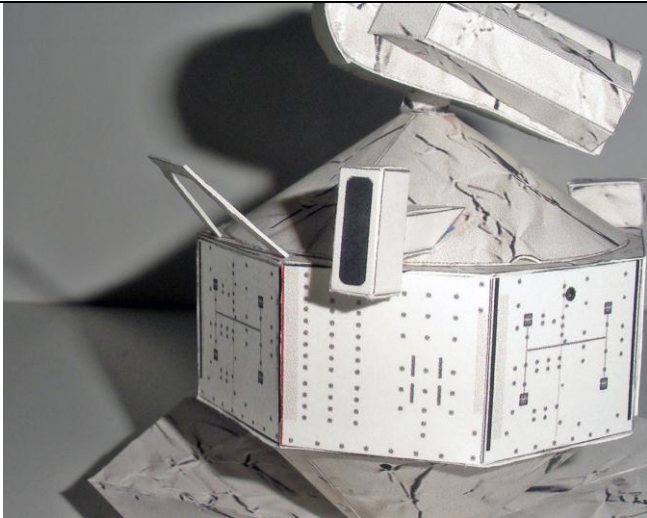
NOTE: Keep the seem on 18 towards to back on 17.



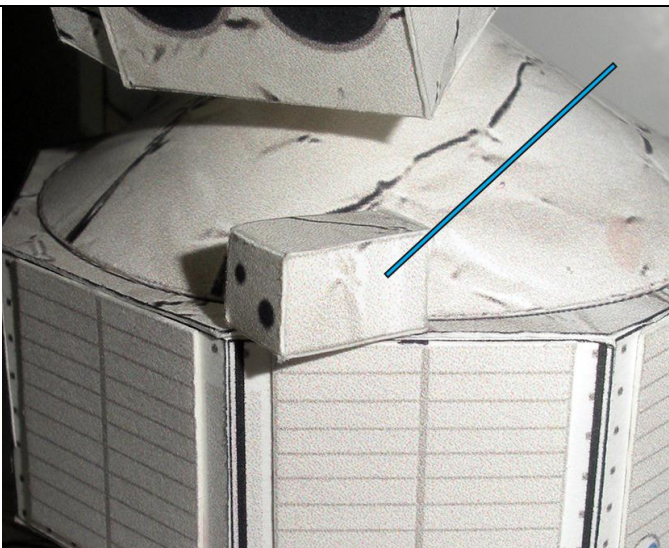
You can point this at almost any direction you desire.
I try to copy the photos that was used to design the model.



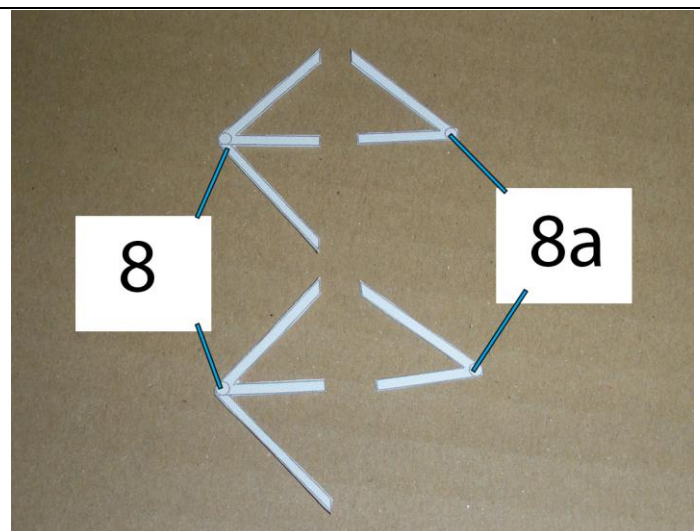
Glue 10-11 to the rectangle marked "11" as shown. 16 is glued on the two black lines on the top as shown.



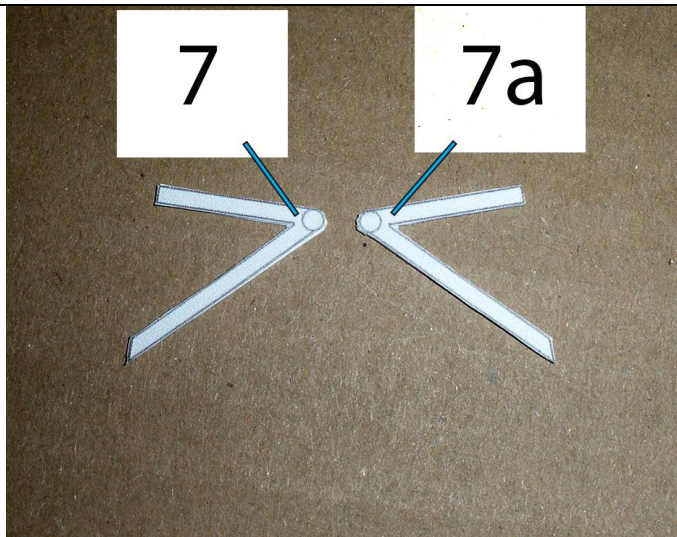
Glue 12 to the labeled black area on top as shown.



Another look of part 12

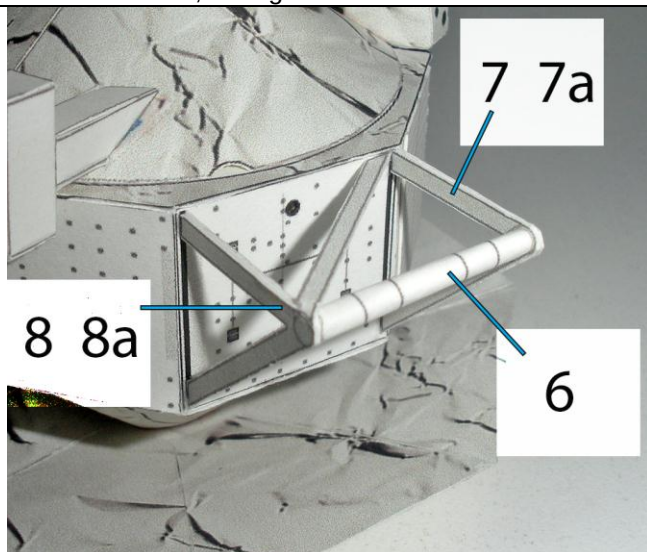


Glue 8 to cardstock, then glue 8 and 8a back-to-back.

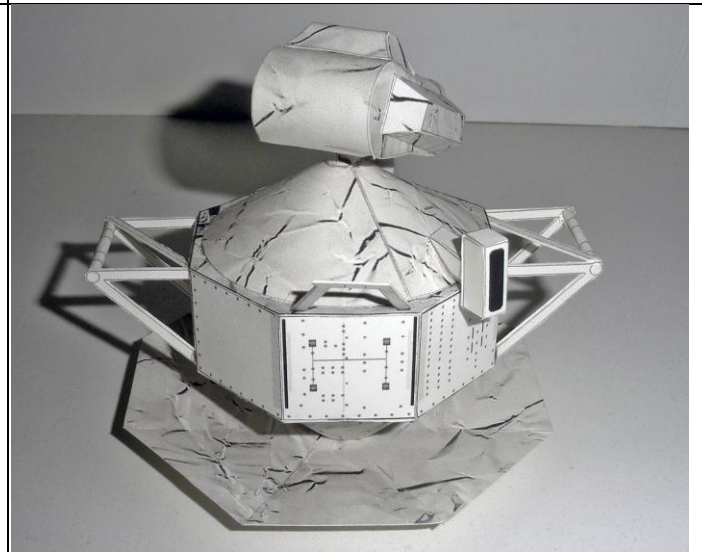


Glue 7 to cardstock, then glue 7 and 7a back-to-back.

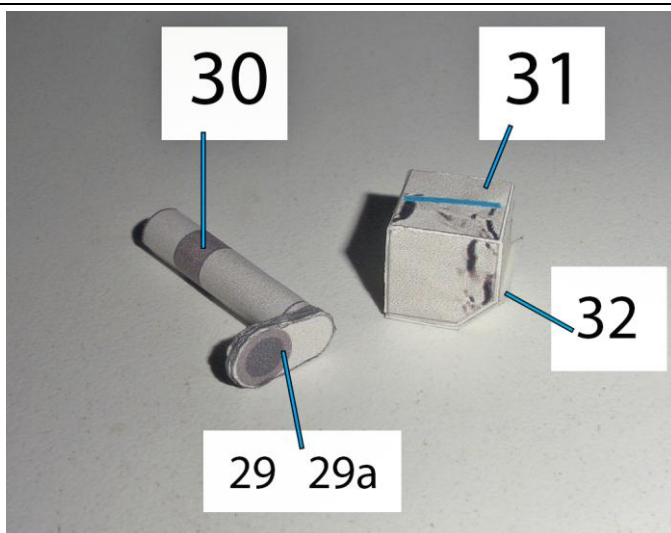
Roll 6 to tight solid rods.



Glue 8-8a to the BLACK line on the left side on the side of the body with the small hole you drilled for the support rod as shown. The cross bar on 8 folds across as shown. Then glue 7-7a and part 6.



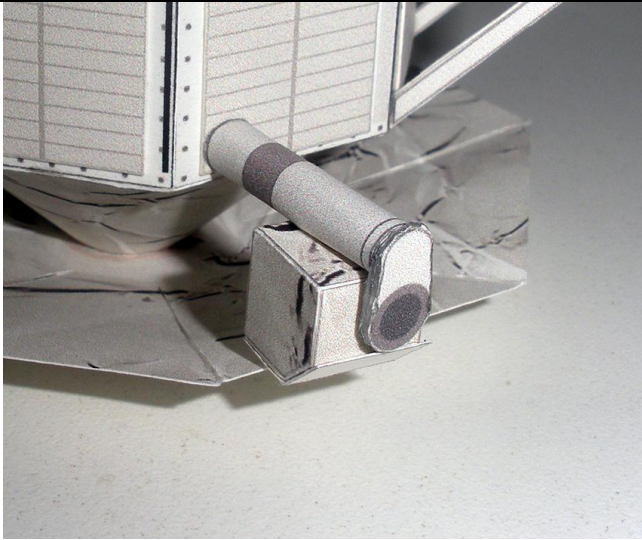
Do the same on the opposite side



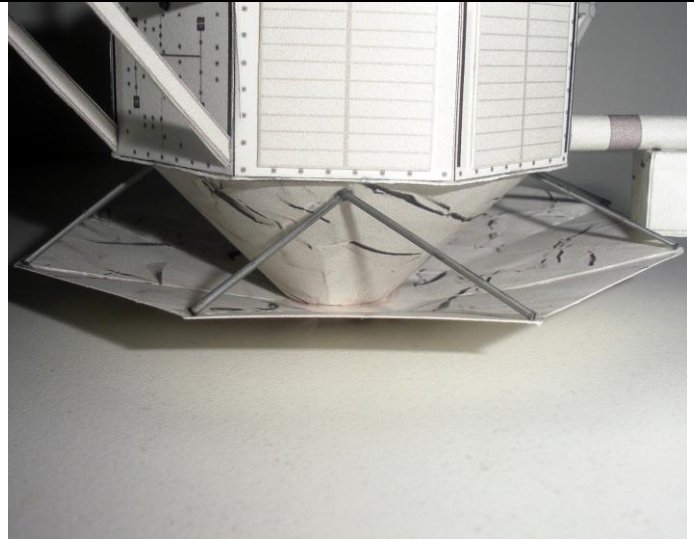
32 is glued to the bottom of 31.



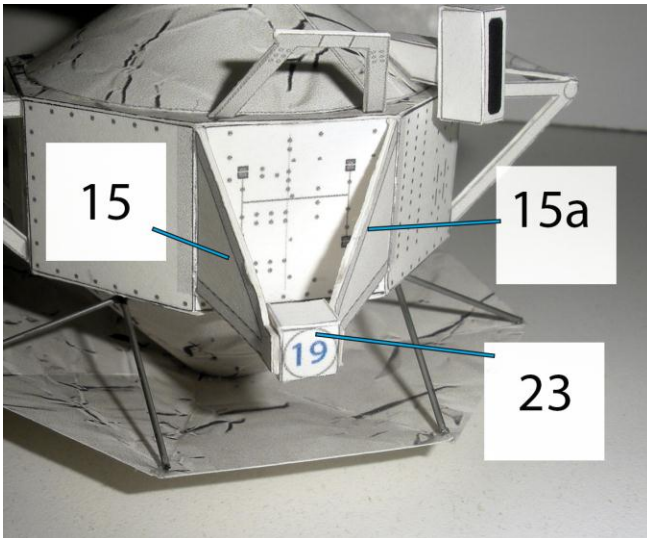
Glue 29-30 on the BLUE line as shown, should have a slight angle.



Glue this to the circle labeled "30" as shown.



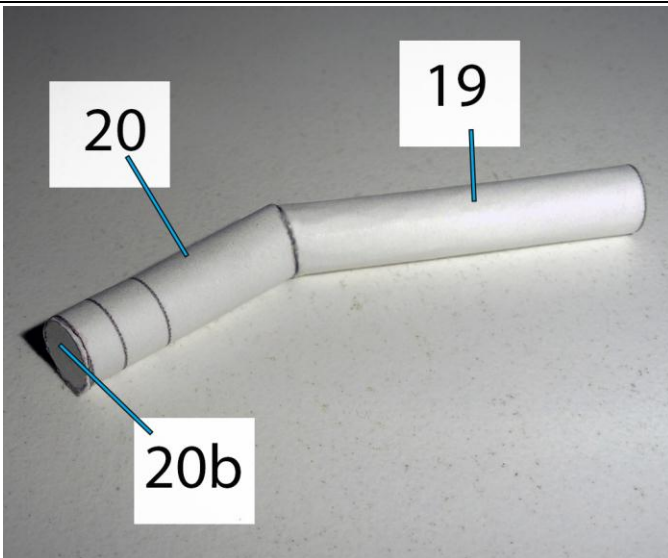
Prepare 8 plastic broom straws according to the instructions on page 5 on the parts file. Test fit, trim and glue as shown.



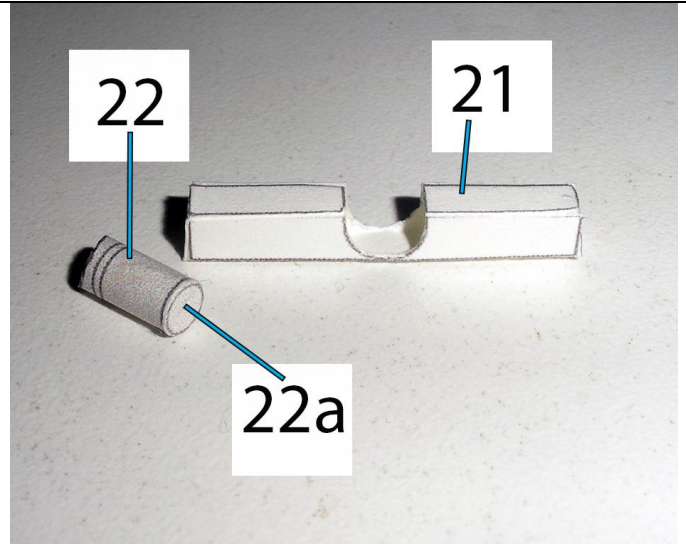
Glue one side of 15 and 15a to cardstock, then glue area pair back-to-back.

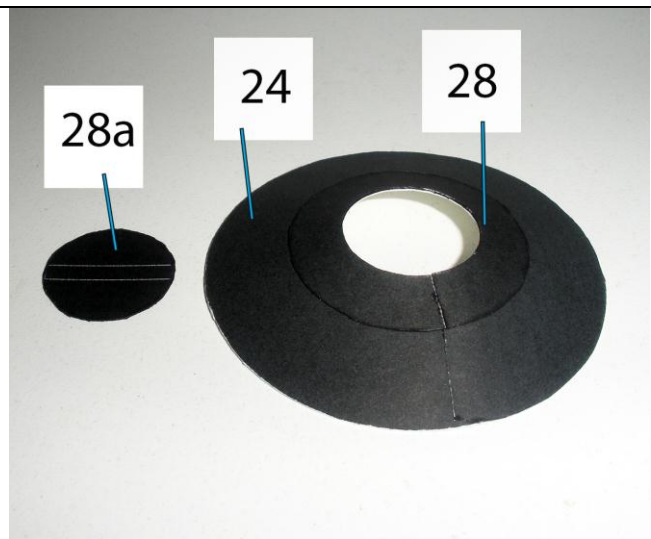
NOTE: Glue on the side on the body under part 16.

Glue 15 onto the BLACK line on the left, then part 23. Glue 15a on the BLACK line on the right, glue to part 23.

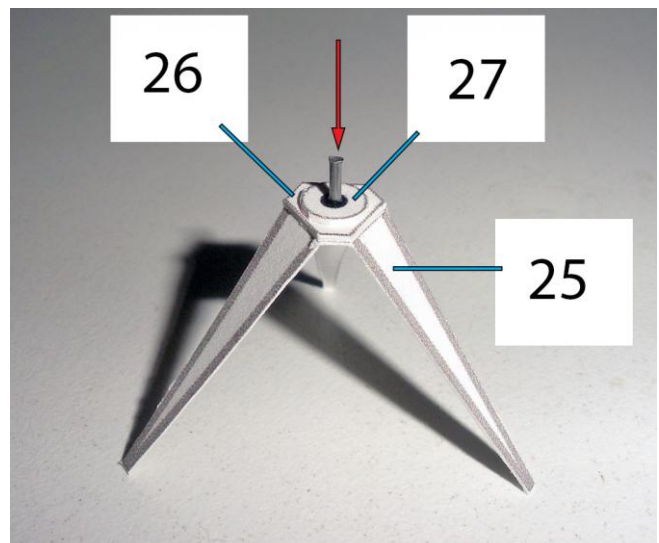
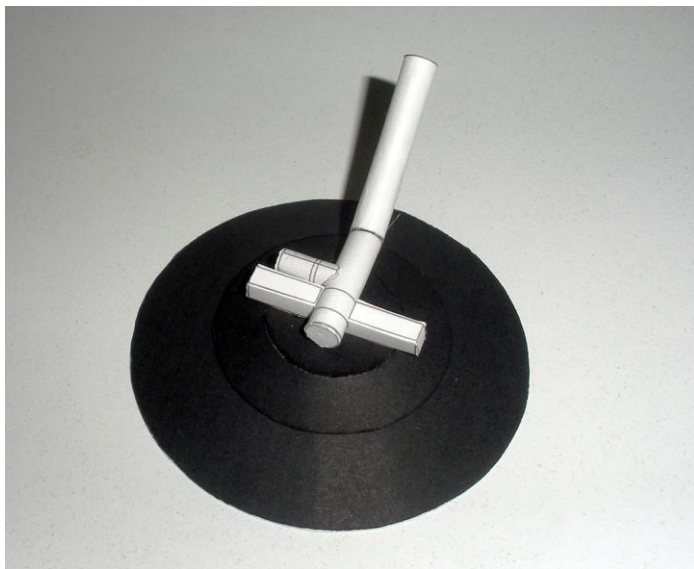
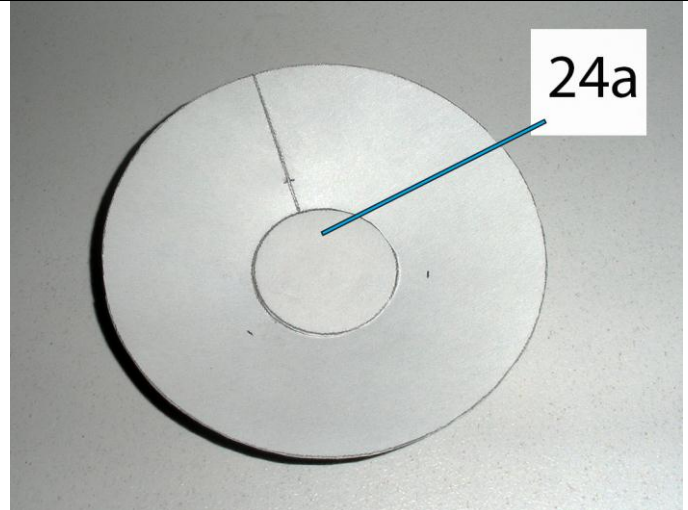
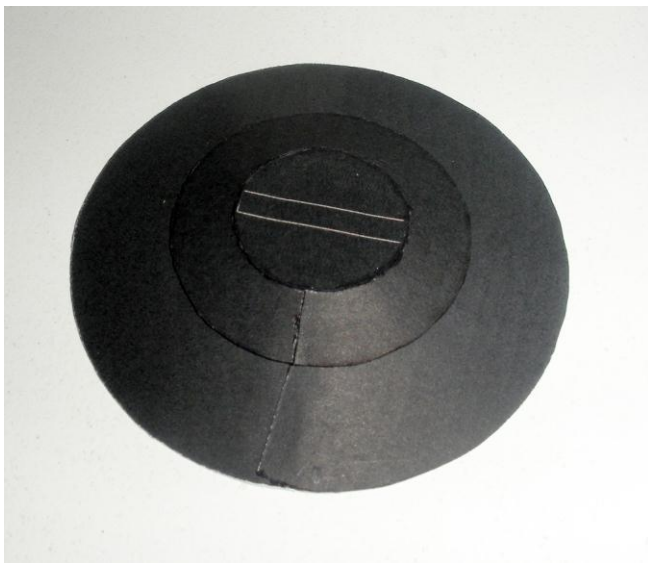


Glue the angled ends of 19 and 20 together, Keeps the seems aligned.

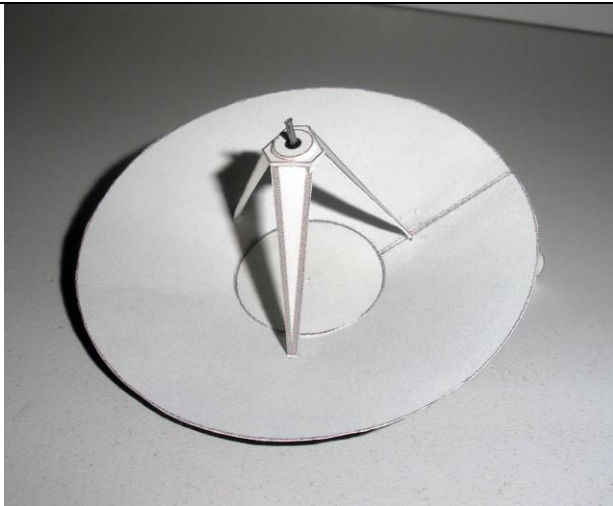




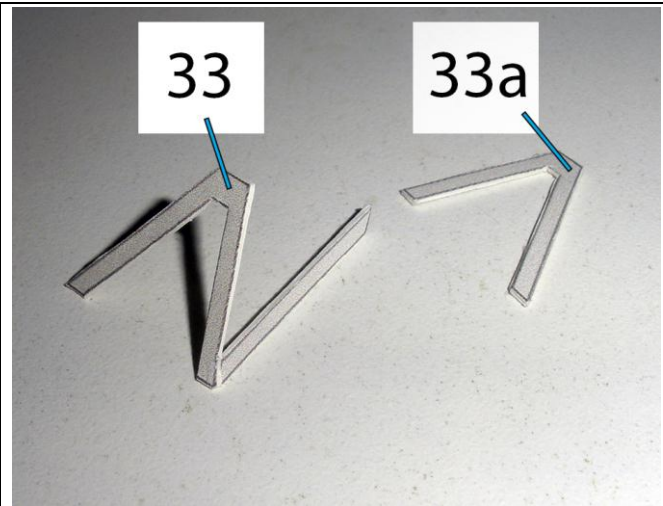
Roll both 24 and 28 into cones with the black color out side.



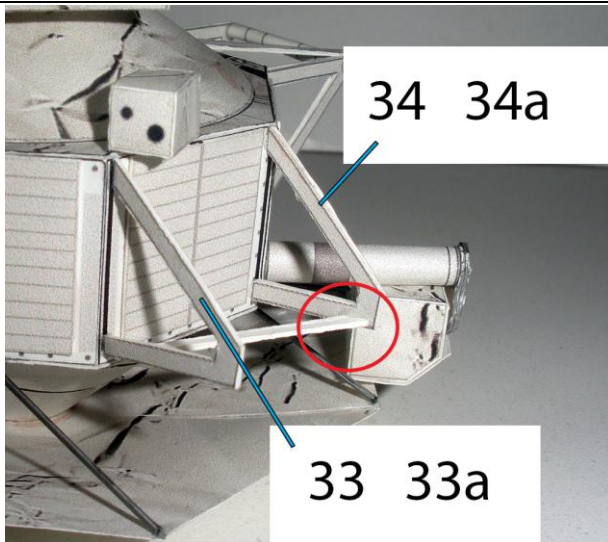
Use plastic broom straw cut at 3 mm long, colored light grey or silver. Glue on top as shown (RED arrow).



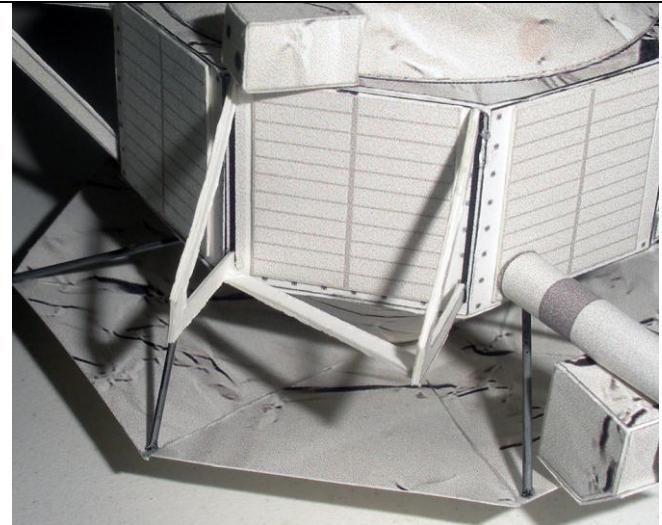
Glue to the three small lines on the dish as shown. Set this to the side or later use.



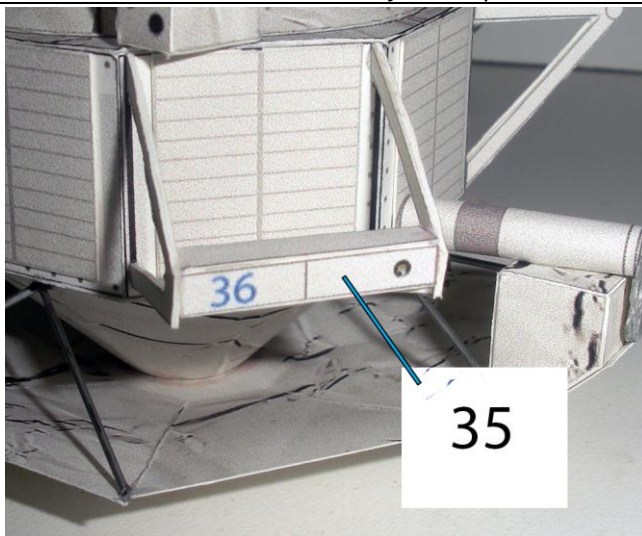
Glue 33 to cardstock, then glue 33 and 33a back-to-back. Do the same for 34 and 34a.



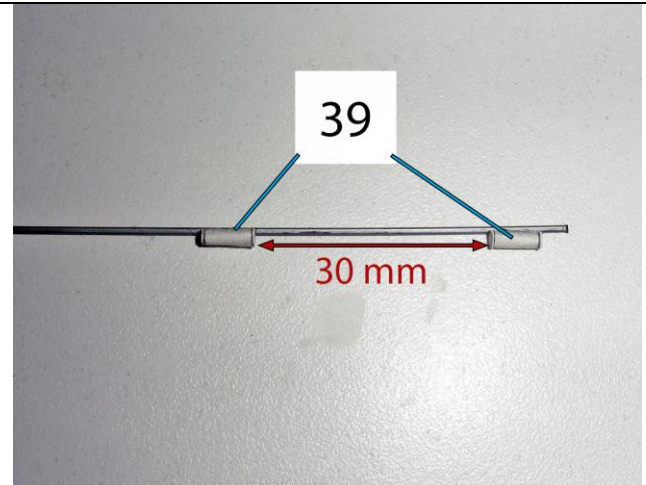
Glue 33-33a to the black line on the LEFT as shown. Fold the cross arm up. Glue 34-34a onto the black line on the right. Glue this on the side on the body under part 12.



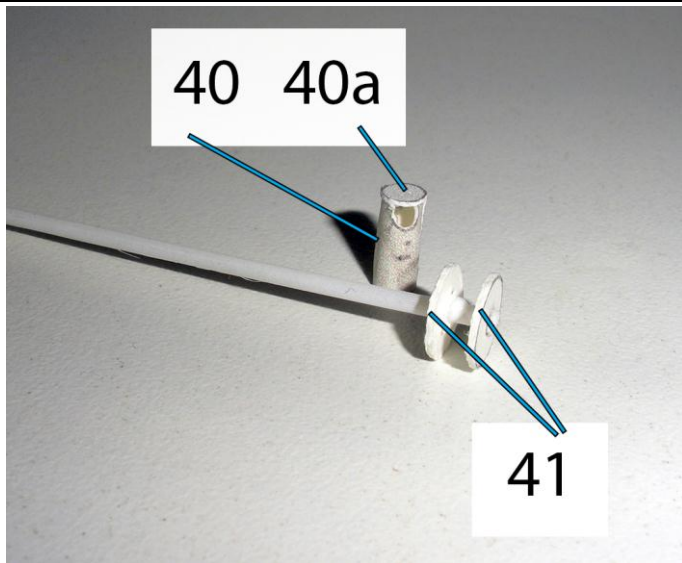
Another look of 33 and 34.



Poke small hole on the black dots on part 35 before folding. Glue as shown.

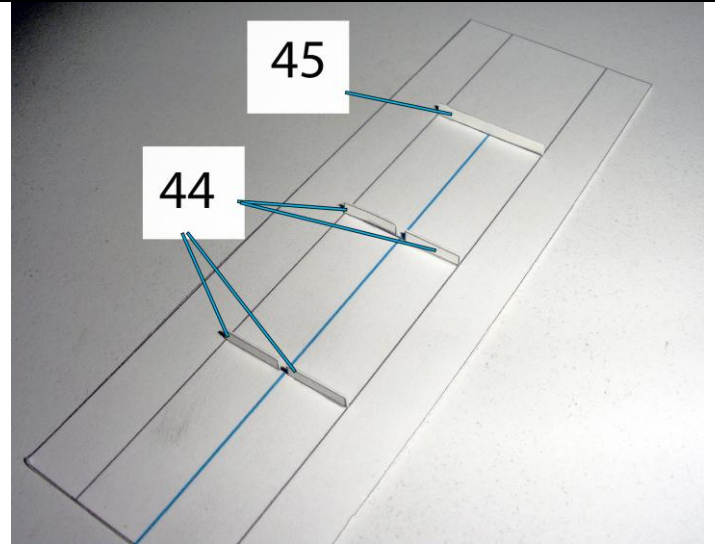


Roll 39 to small tubes. Prepare a plastic broom straw according the instructions on page 3 on the parts file. Glue the tubes onto the broom straw as shown. Set this to the side for later use.

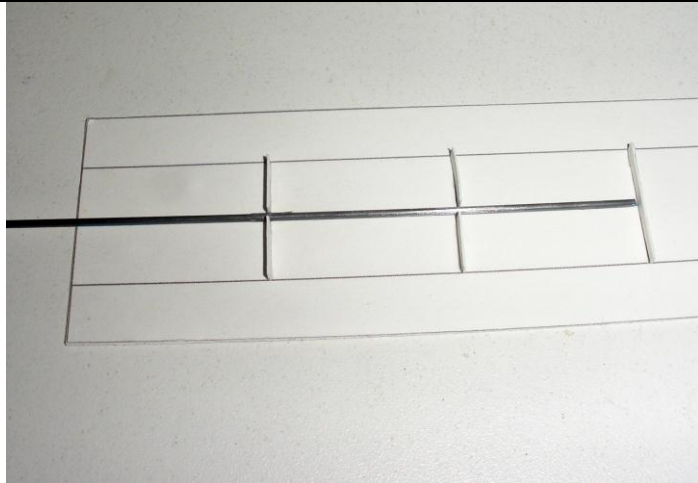


Low-gain antenna...

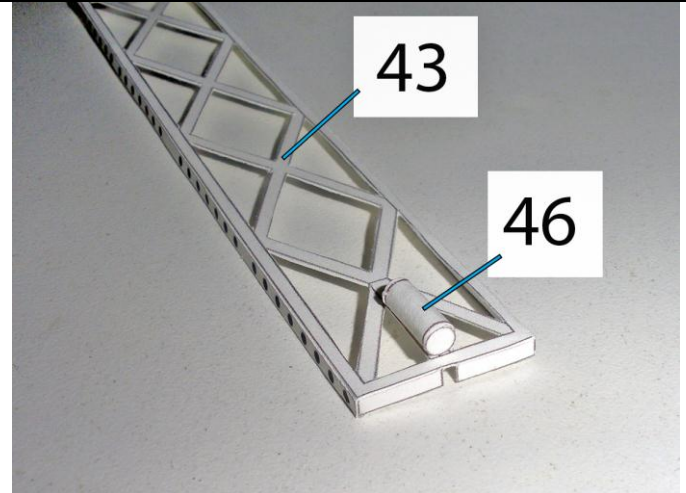
Prepare the rod according to the instructions on page 4 of the parts file for parts 41. Set these to the side for later use.



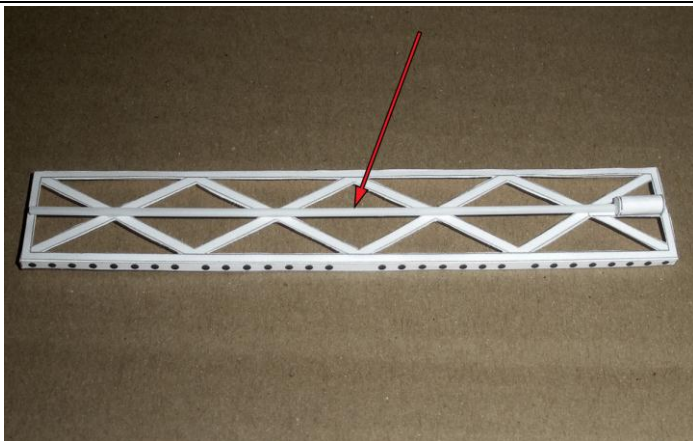
Fold-glue the solar panels (parts 42). Glue 44 and 45 to the back as shown. 45 is at the end of the BLUE line. Should be a space between parts 44 on each line. Make two of these.



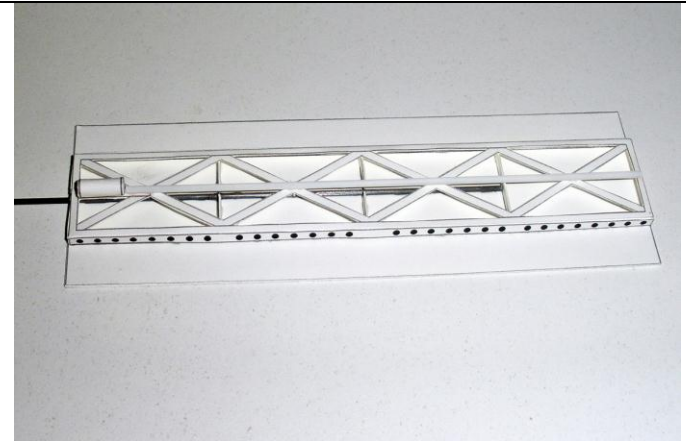
Prepare the solar array support rod according to the instructions on page 4 of the parts file. Glue onto the blue line as shown.



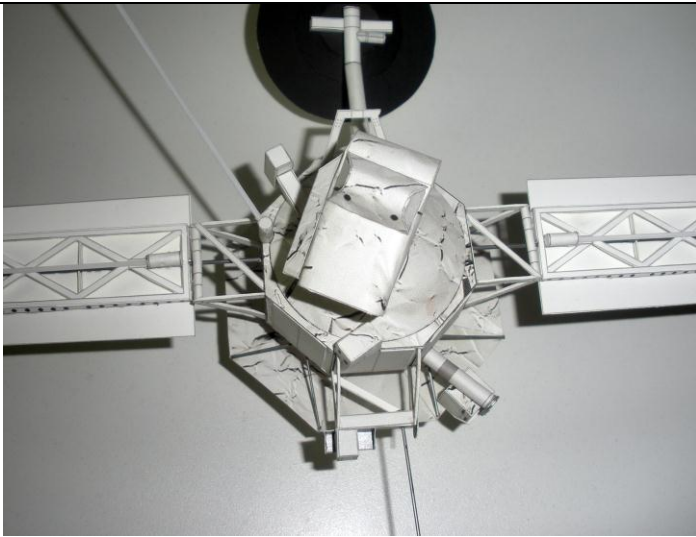
Make two of these.



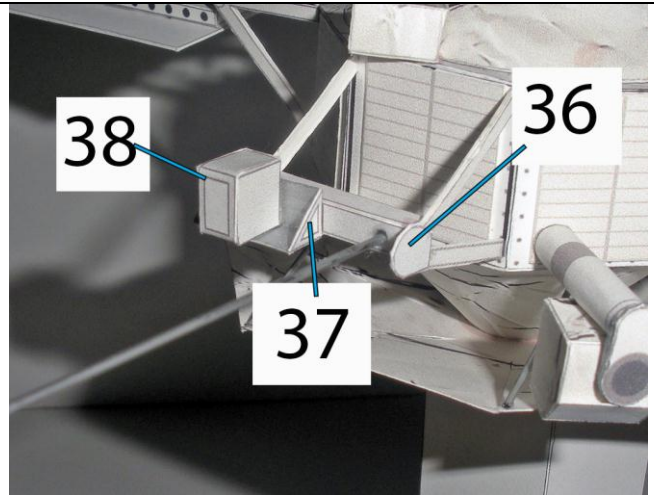
Prepare two acrylic rods or music wires according to the instructions on page 4 of the parts file. Glue onto the top as shown, one end against the cylinder (part 46).



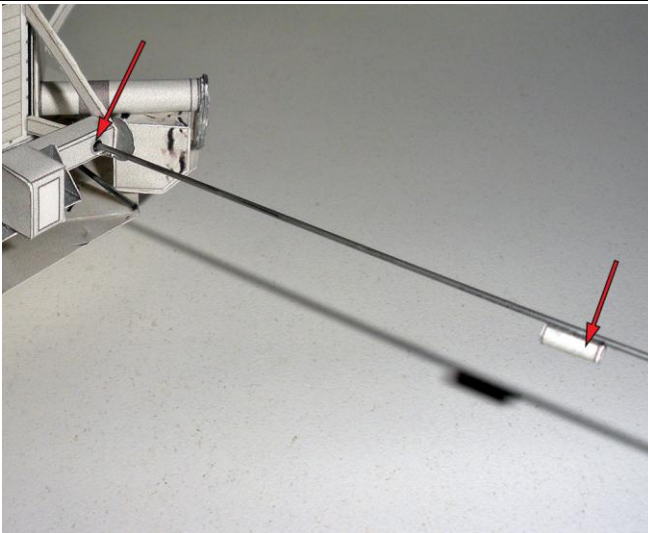
Glue this to the back of the solar panel as shown. Slide the other end of the support rod through the holes on the sides of the body. Glue the other solar panel onto the support rod.



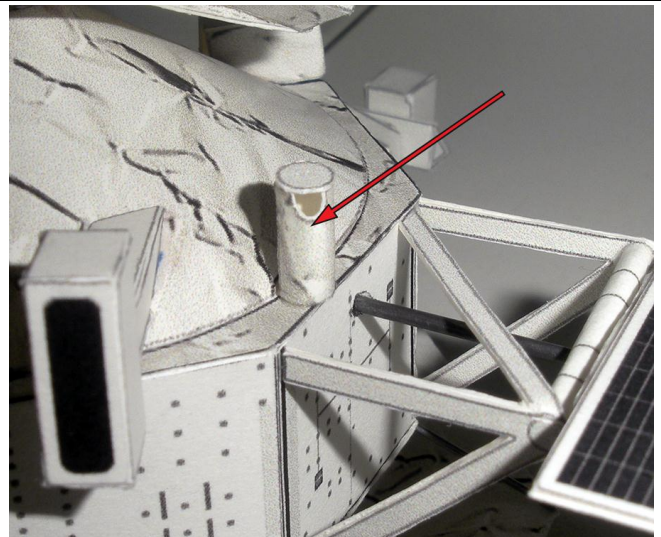
Should look like this and able to rotate the solar array.



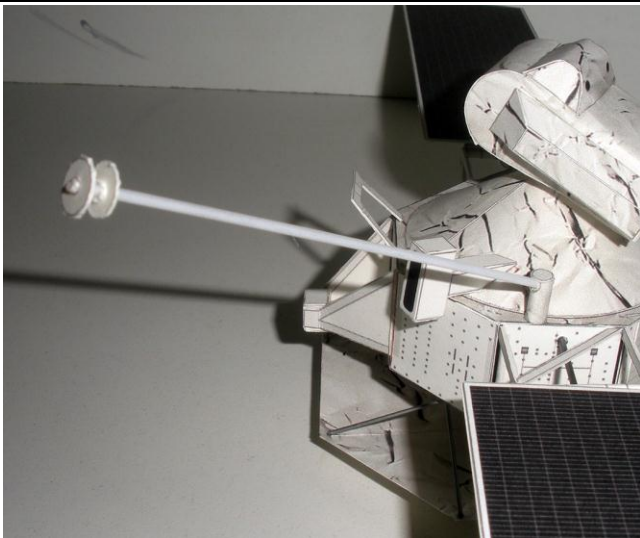
Assemble and glue these onto part 35 as shown.



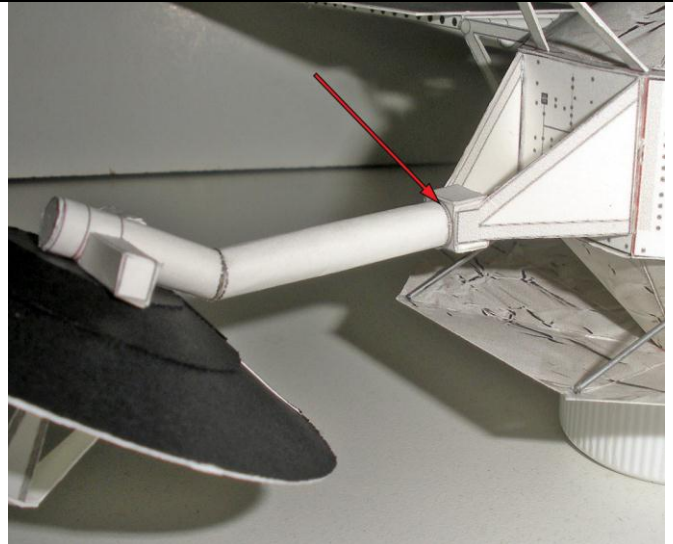
Glue this into the holes on part 35 with the two cylinders towards the bottom.



Glue 40-40a onto the circular notch on the body as shown. The circular notch is located on the bottom of the cone. Make sure the hole faces away from the spacecraft.



Glue the low-gain antenna onto the hole. You can use both holes or only one for an angled look.



Glue the dish assembly onto 19 at any angle you want.

Your model is done.

