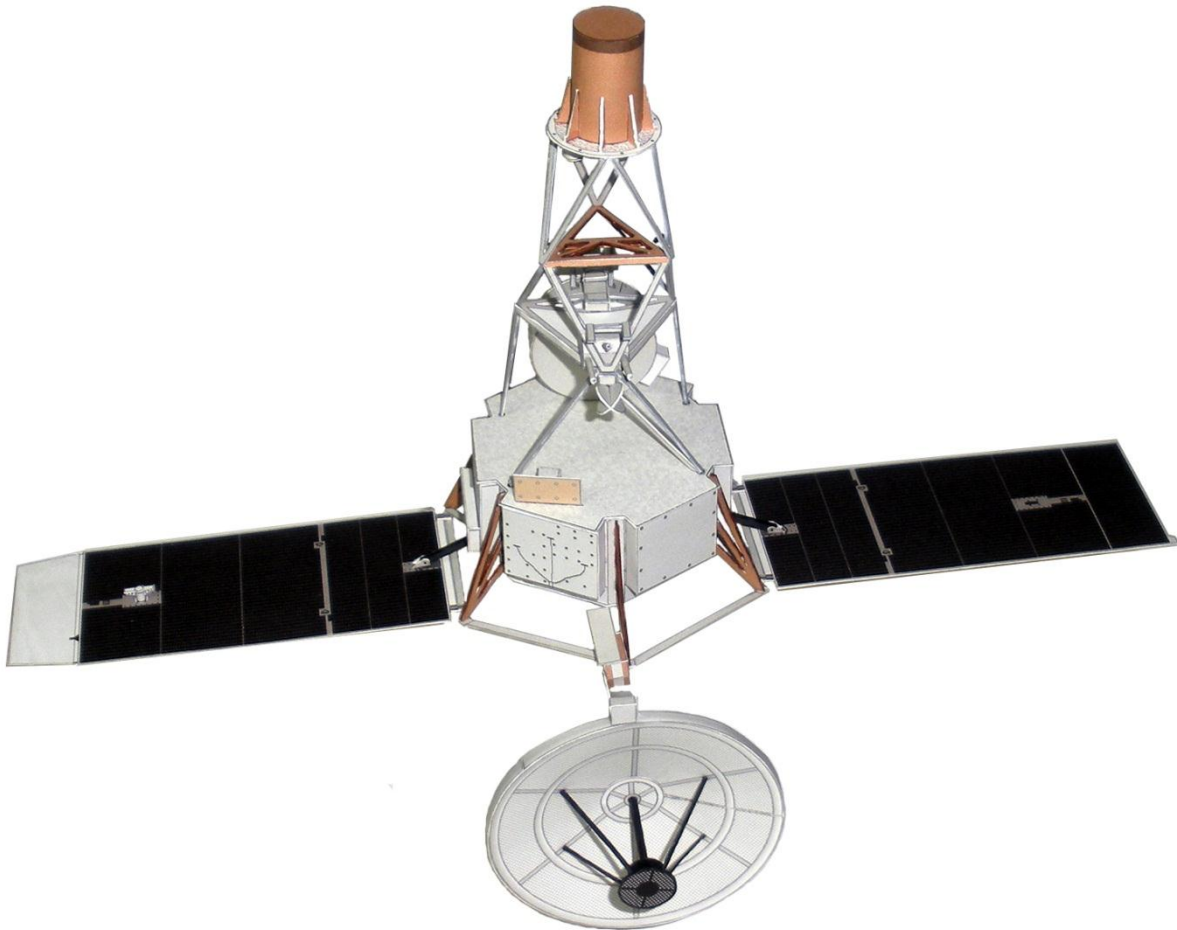
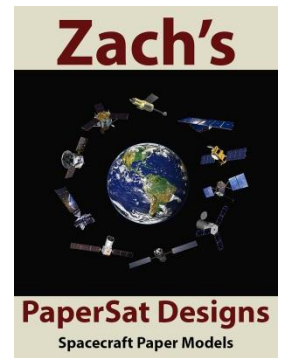


Mariner 2

1/20 Scale Paper Model Instructions



NOTES:

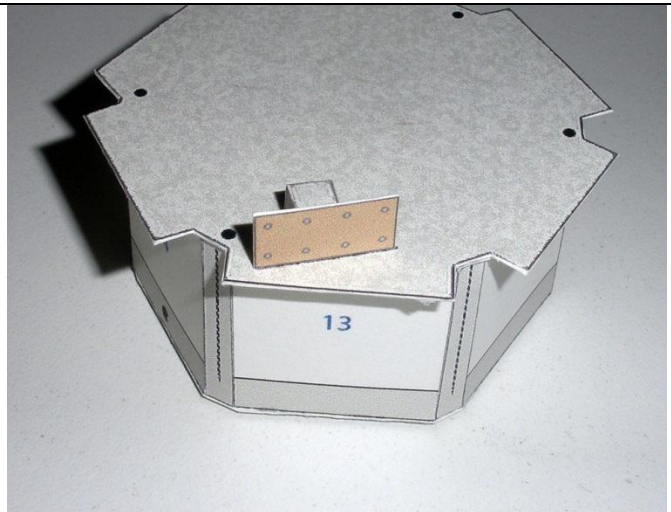
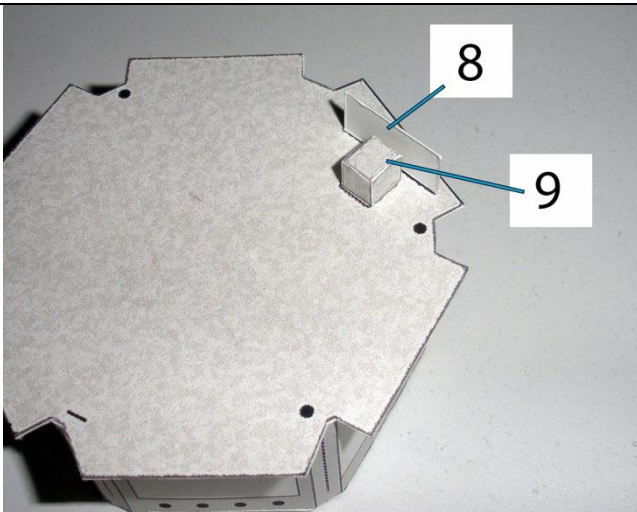
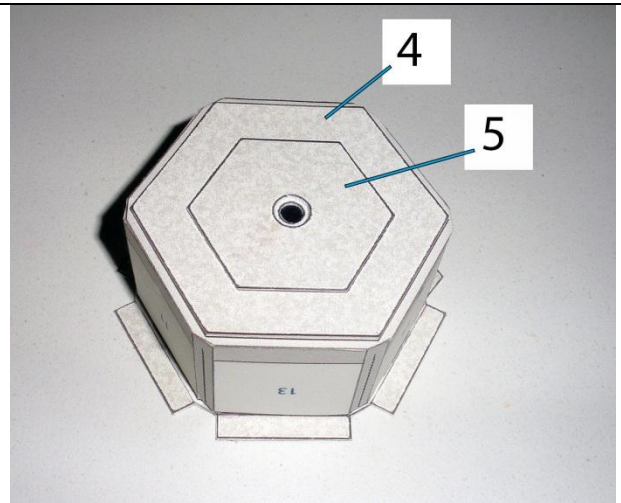
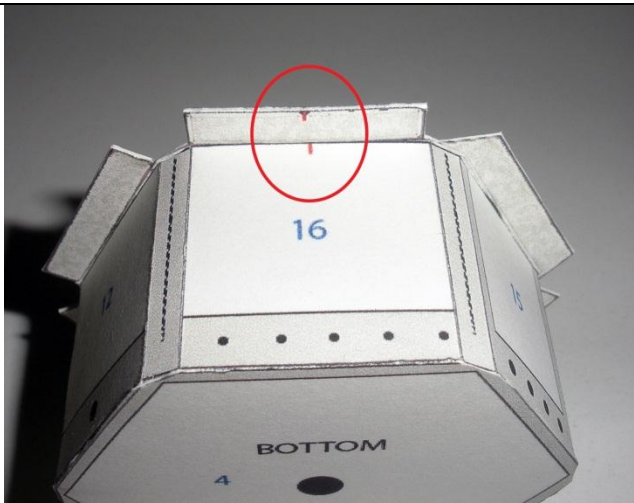
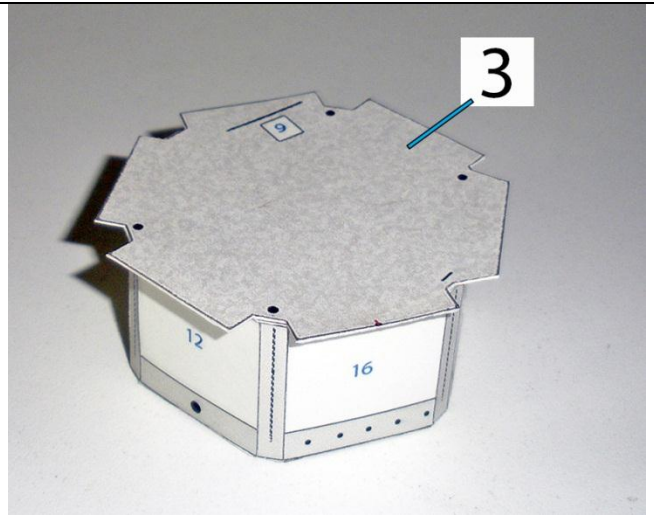
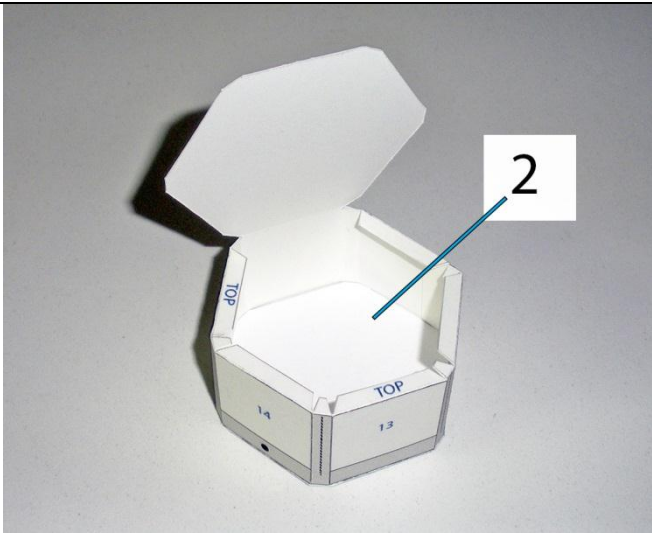
This model is rather tricky, delicate model to build. Some few hints...

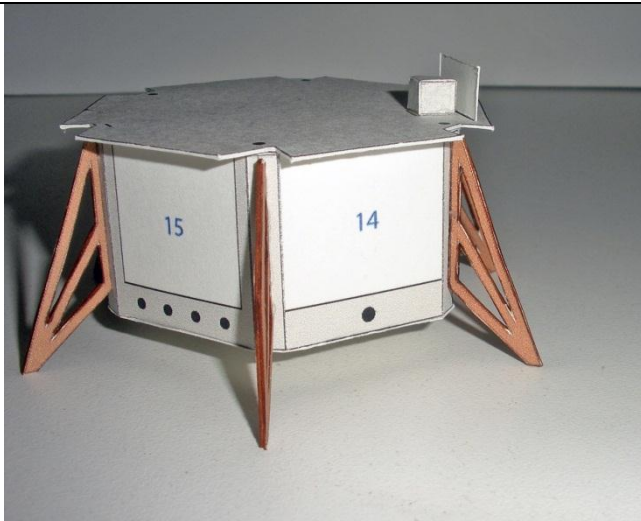
Prepare all parts in the parts file according to the pre-assembly instructions for each part, there are a lot of them

Look at the photos carefully

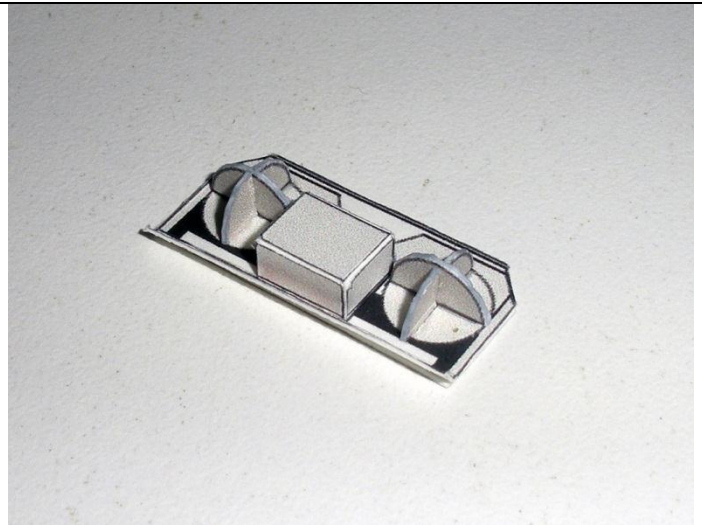
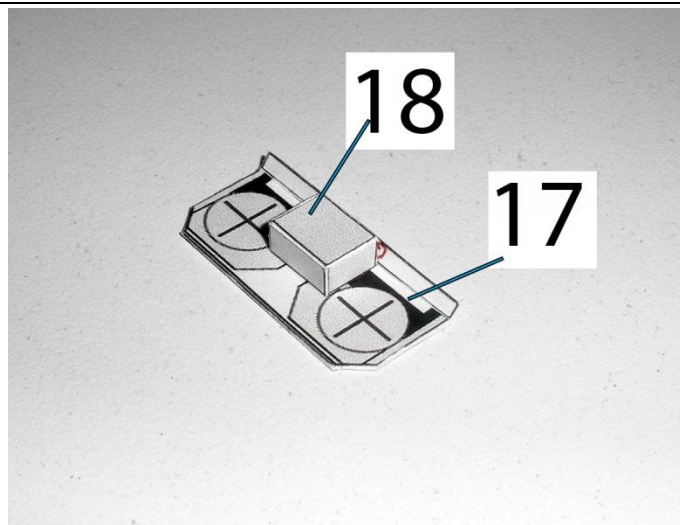
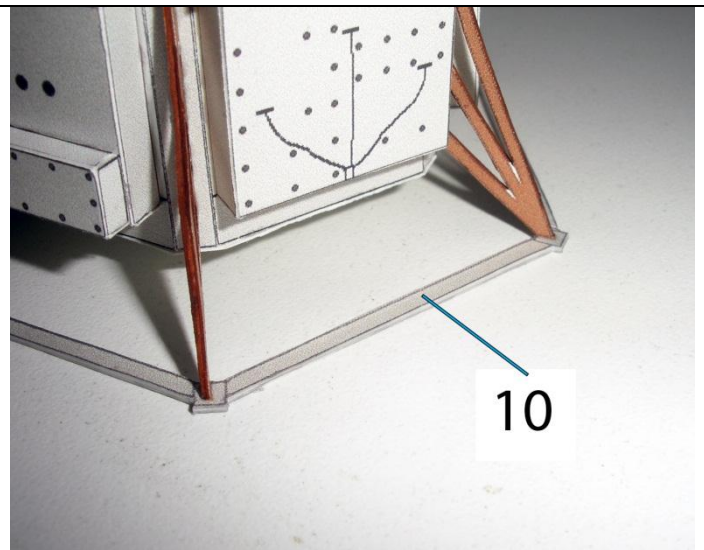
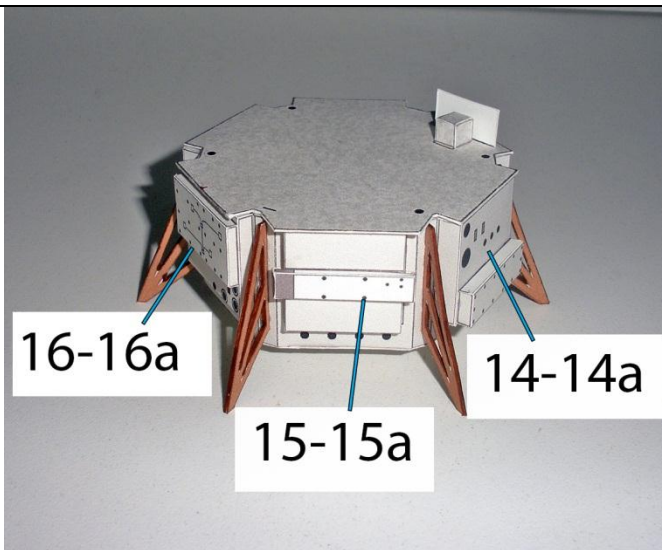
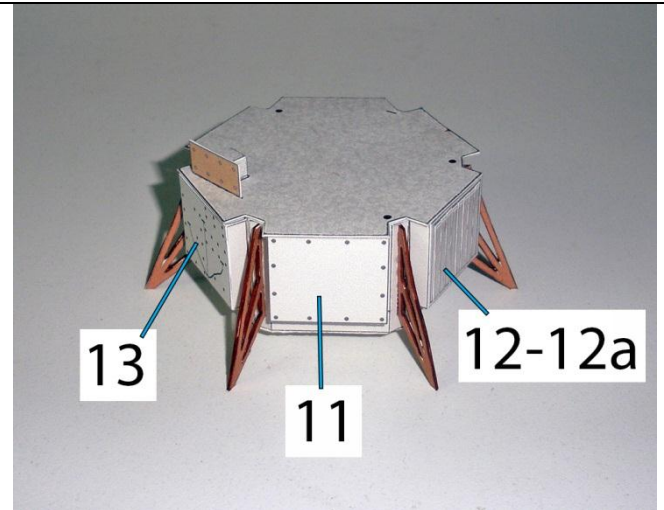
Take your time

The model in the photos was the test build model. Some changes – adjustments were made for the final model.

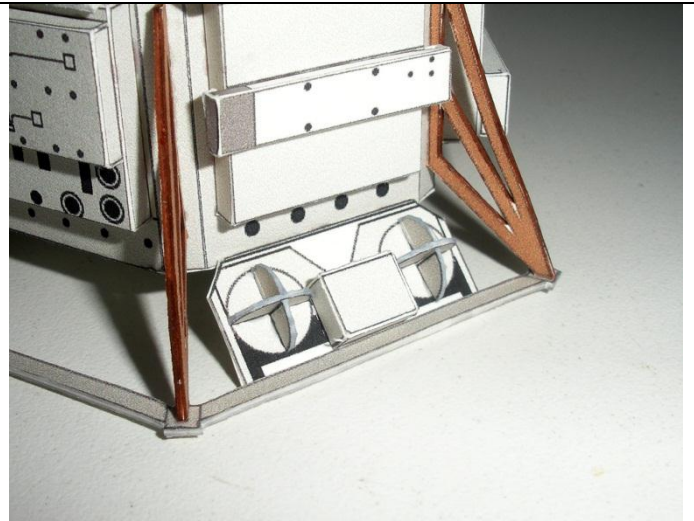




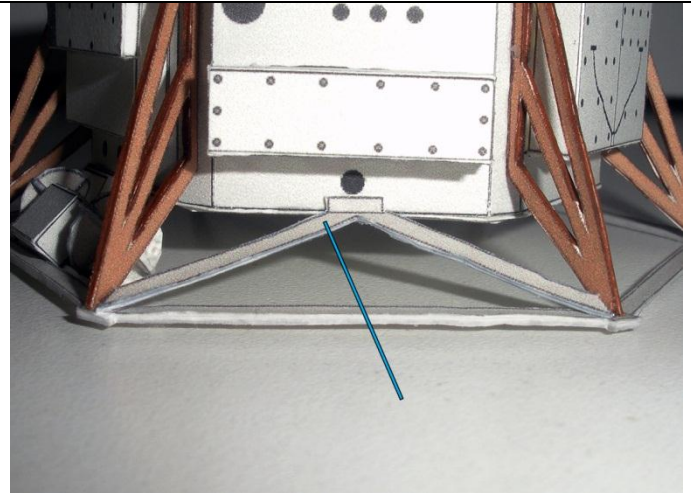
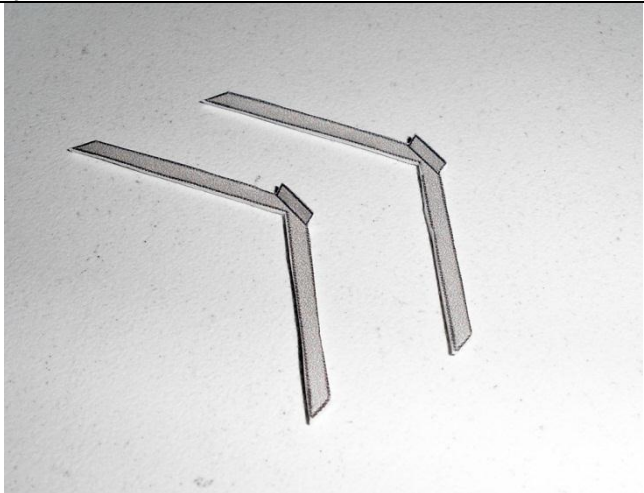
Glue the legs on the black lines.



Parts 19 and 20 simulates a half sphere

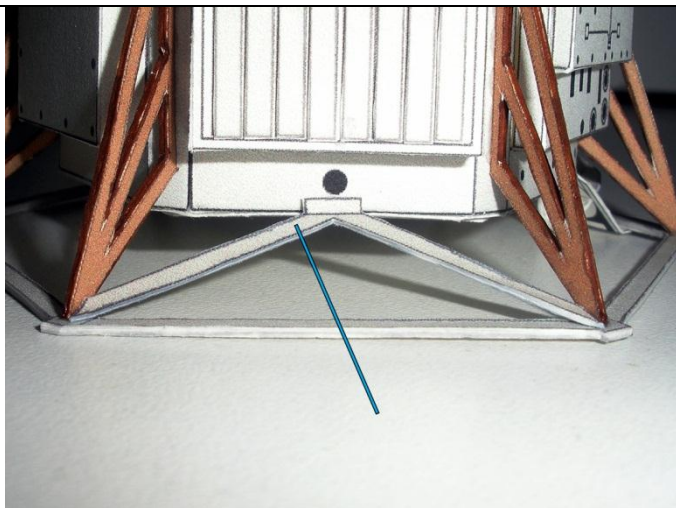


Turn this over, glue parts 19 bottom and 20 bottom the same way.
 Glue under parts 15 and 15a at the bottom edge of the body as shown.

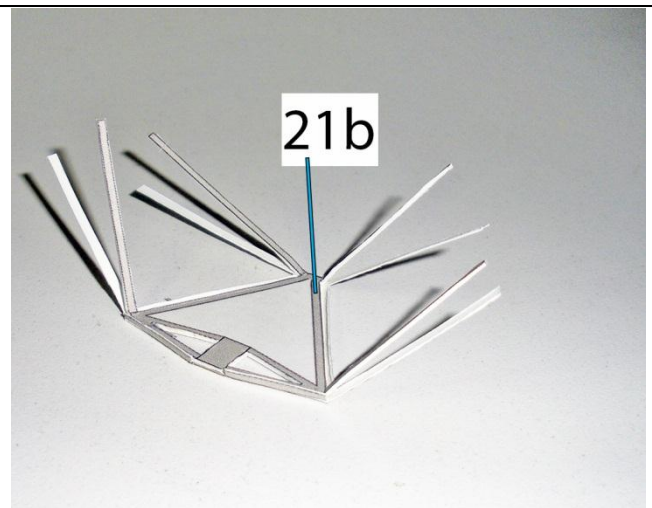


Parts X

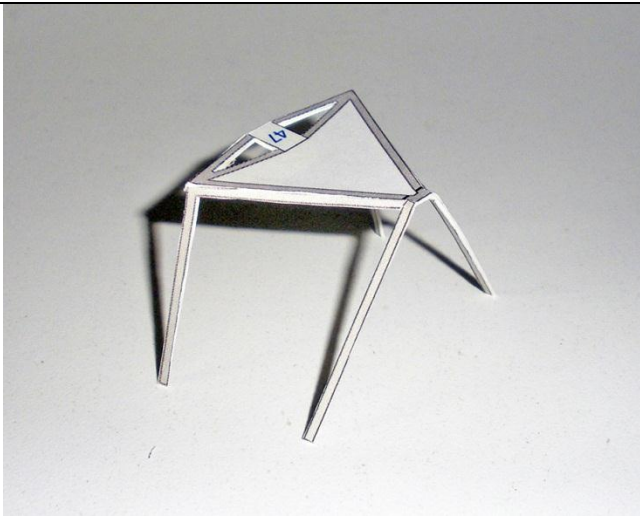
Glue under the black dot on side.



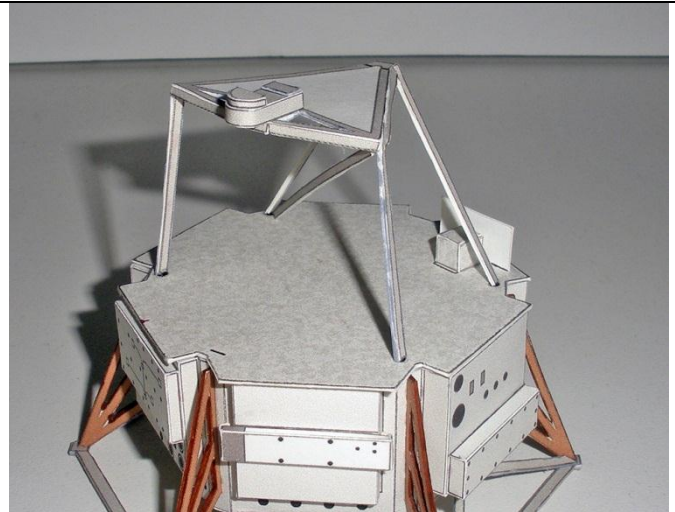
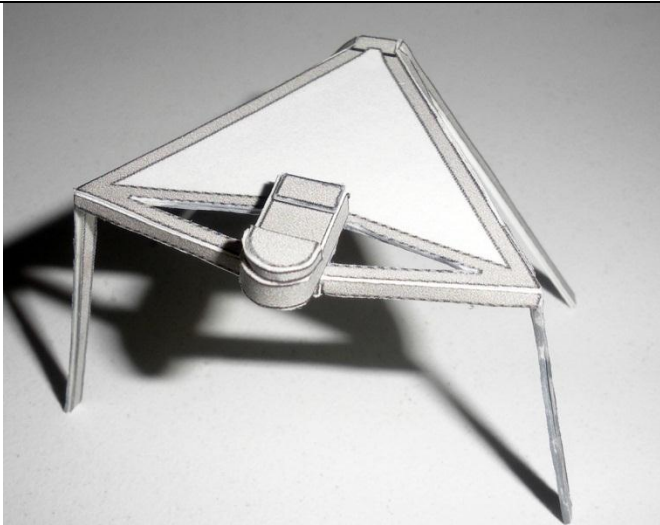
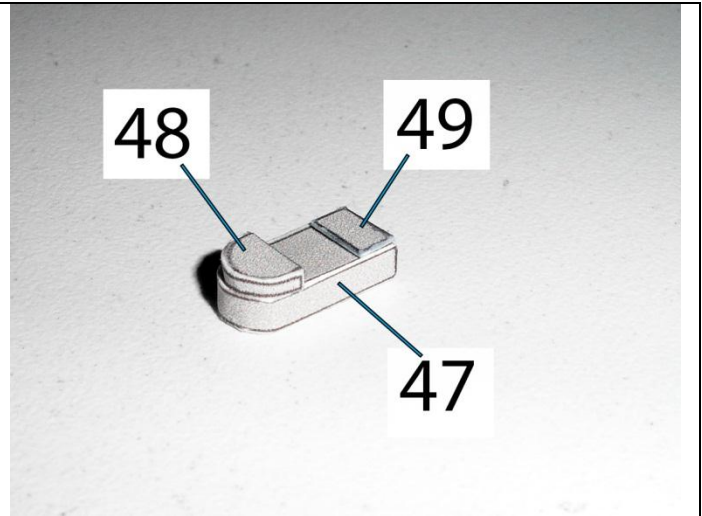
Other side



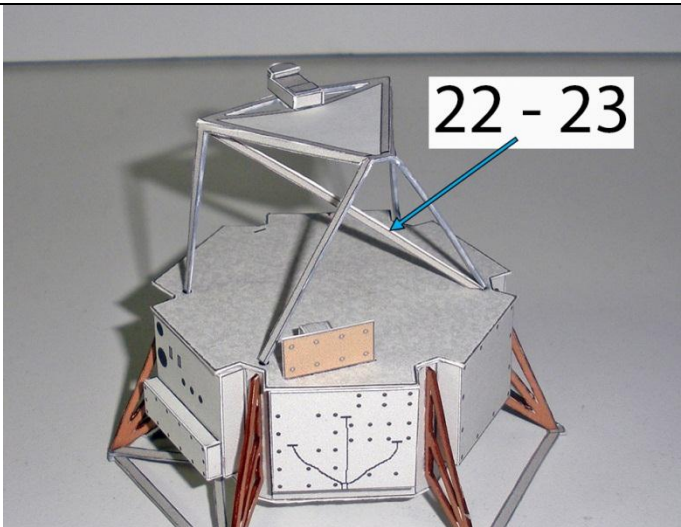
Follow the pre-assembly instructions on the parts sheet for parts 21 and 21b.



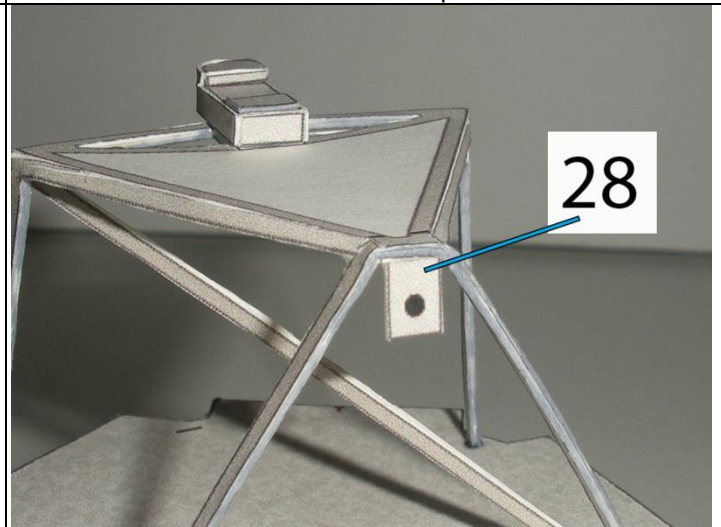
Completed parts 21 asnd 21b

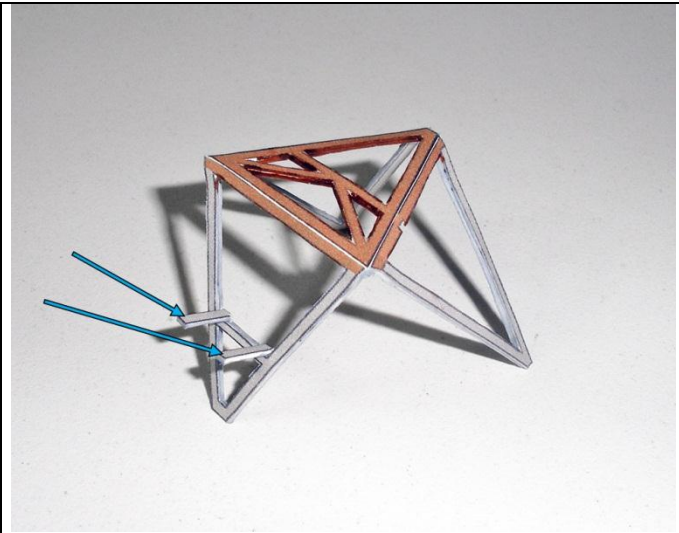
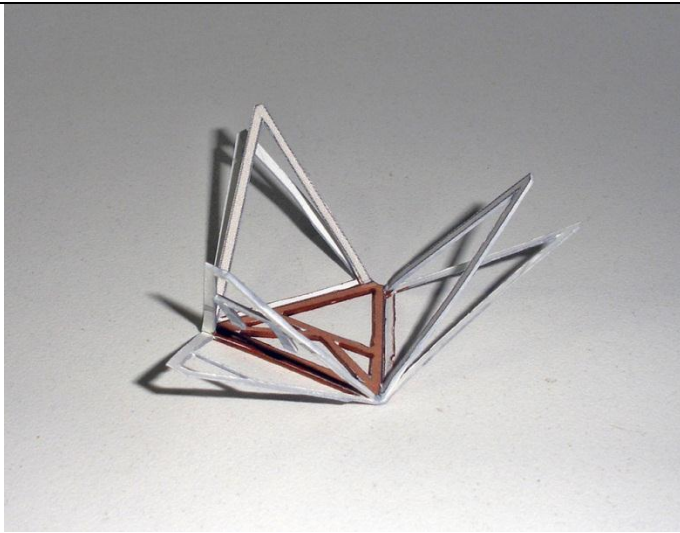


Glue on the four black markers on top as shown.



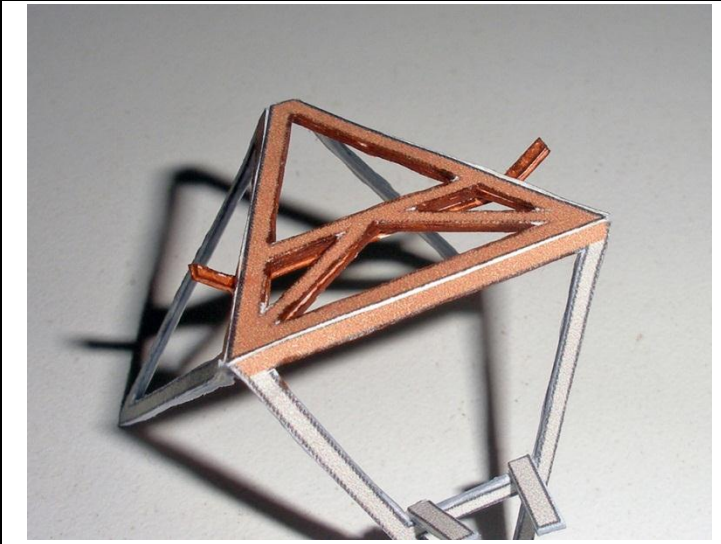
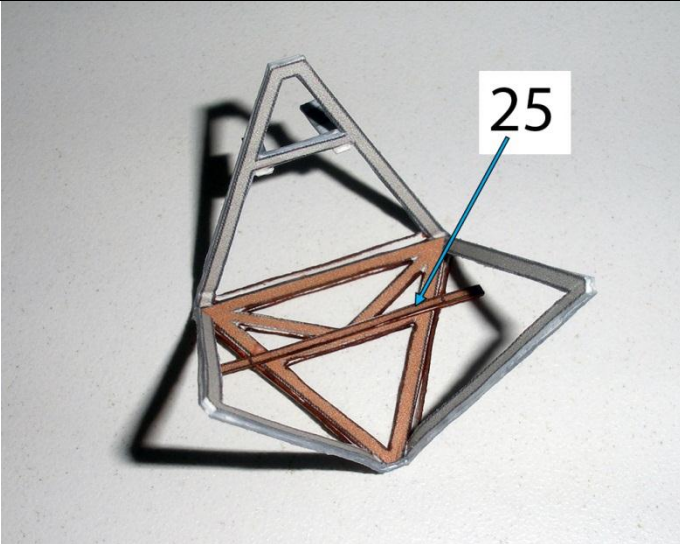
Add parts 22 and 23 as shown.





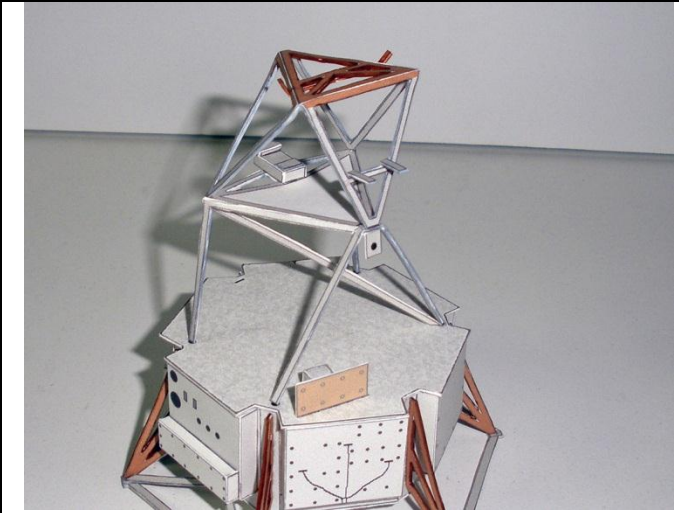
Follow the pre-assembly instructions on the parts sheet for parts 24 and 21b.

Completed parts 24 asnd 24b.
Fold down the two tabs



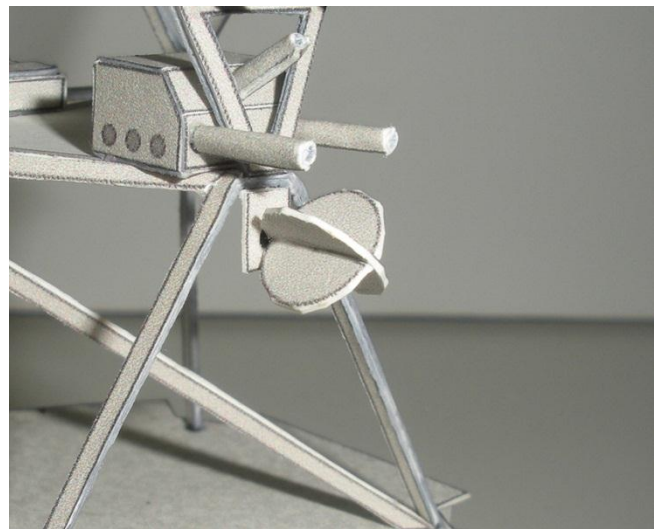
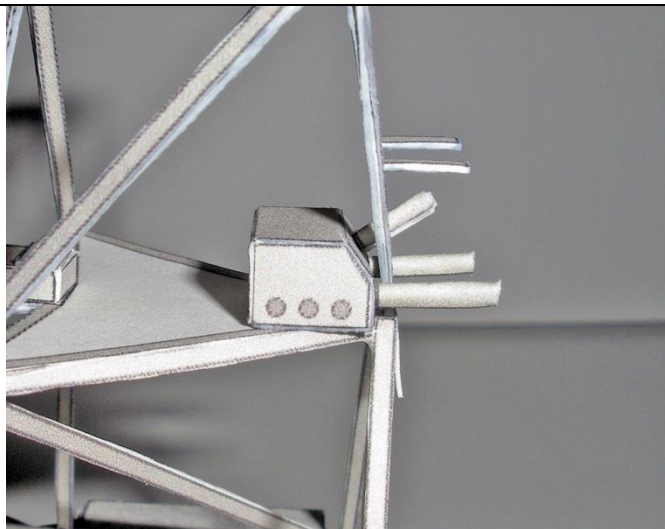
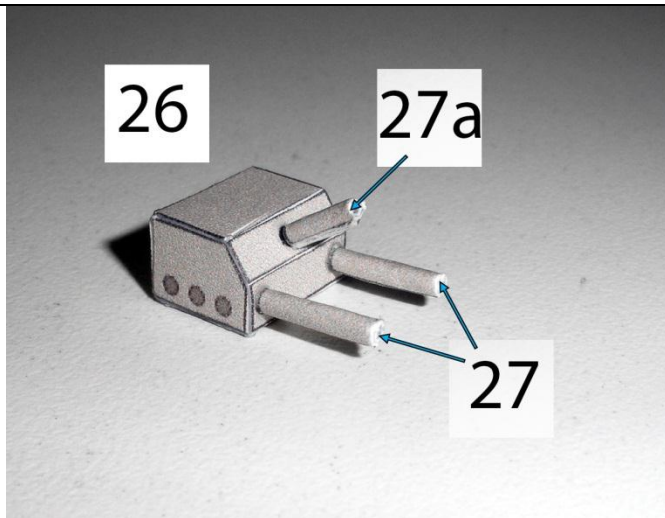
Glue 25 under this as shown

Fold the two tabs up.

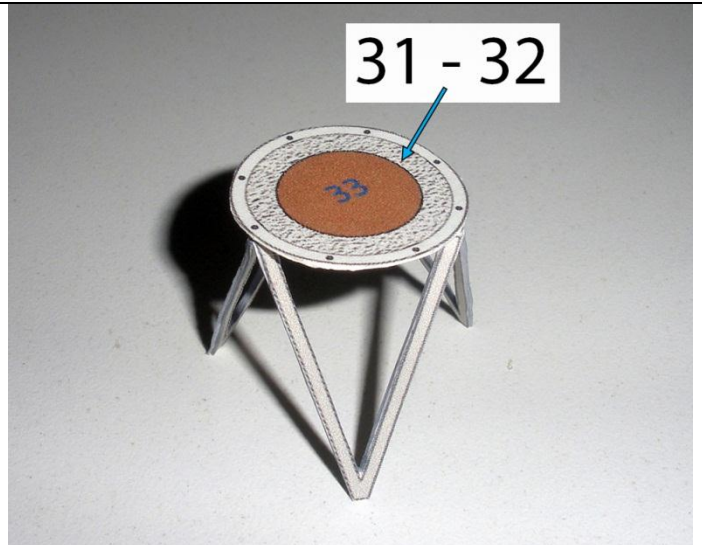
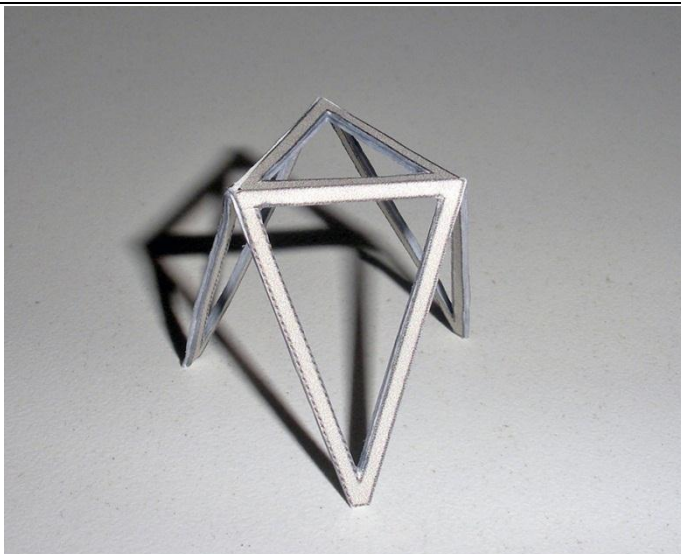


Glue on top of 21-21b as shown.

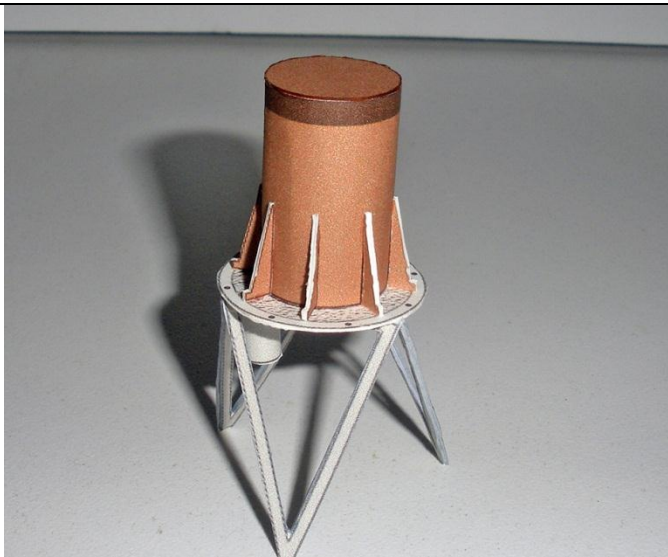
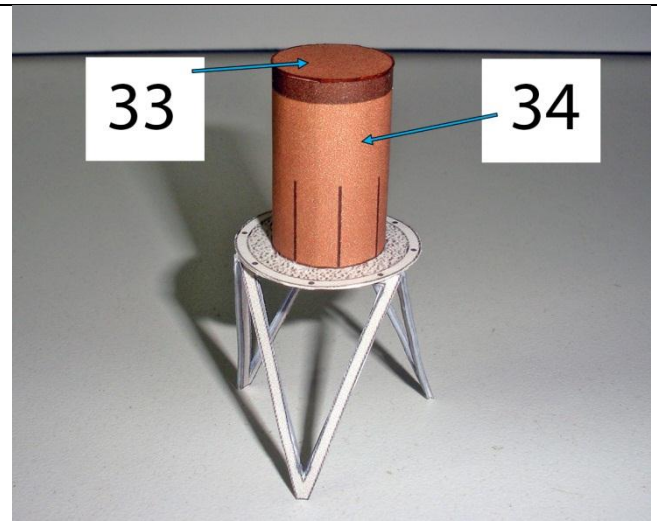
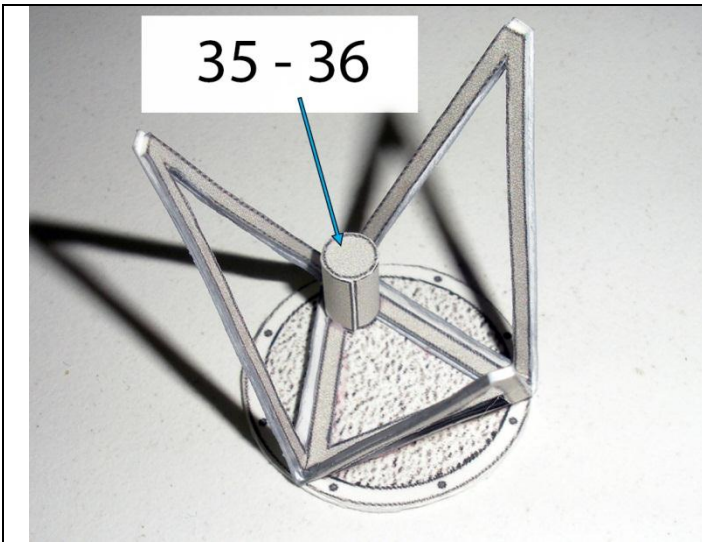
If your model looks like this, you're doing good.



Parts 29-interlock them together and glue on the black dot on 28 as shown This simulates a small sphere



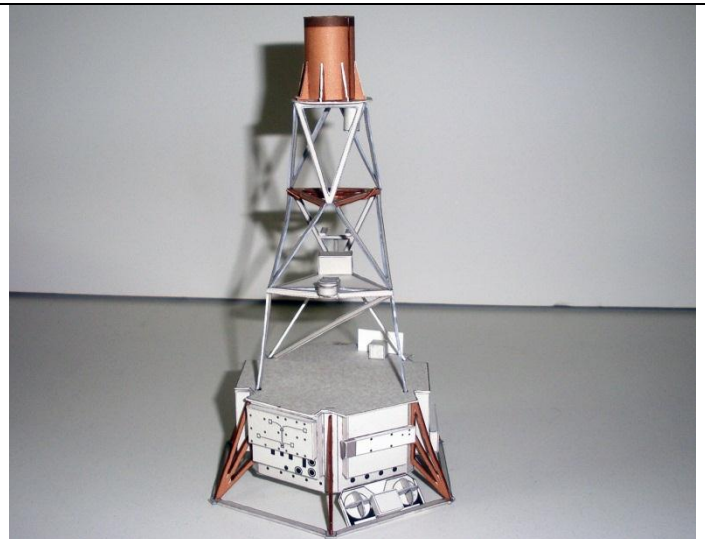
Follow the pre-assembly instructions on the parts sheet for parts 30 and 31b.



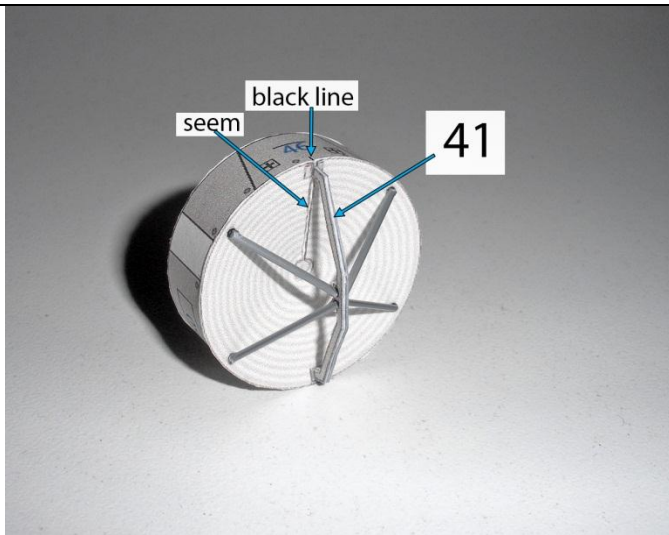
Parts 37, the edges are white on the real spacecraft.



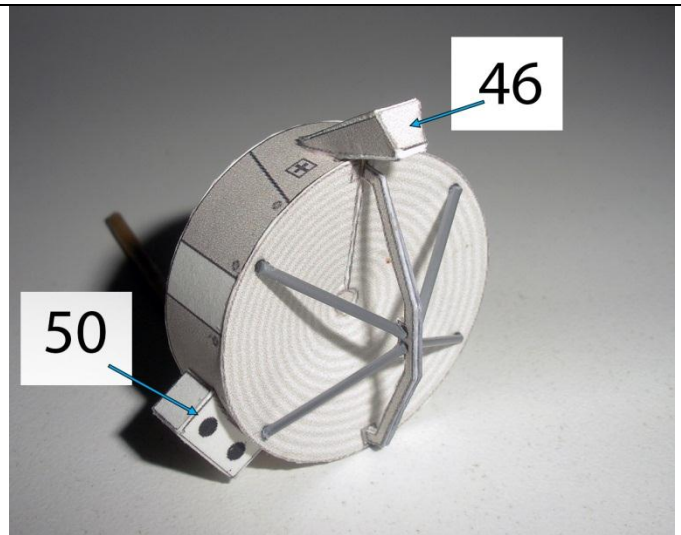
Note the location of 35-36 in relation to 47-49 (red arrow)



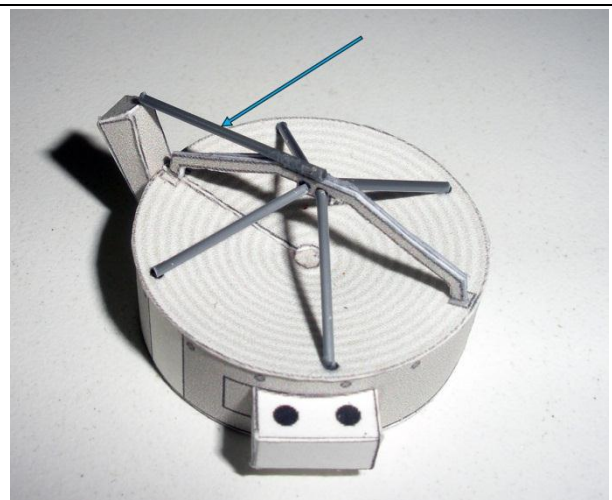
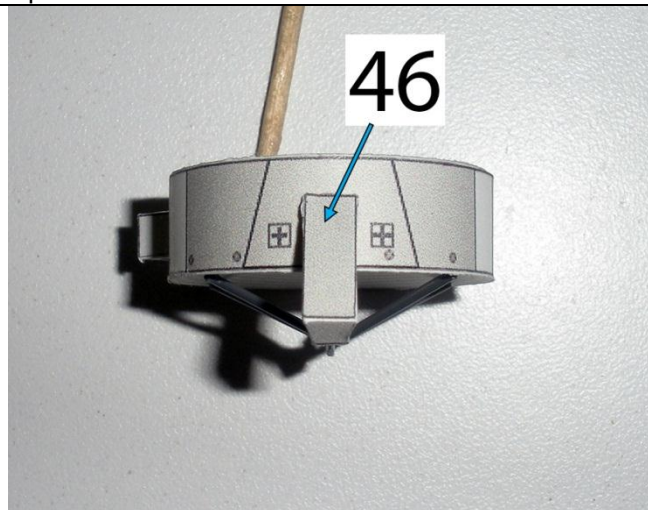
If your model looks like this, you're doing good.



Glue 40 to the side of 38 with the dots at the edge. Match the seem on 40 to the black line on 38. Cut four pieces of plastic broom straws according to instructions on page 5 on the parts sheet. Glue 41 as shown

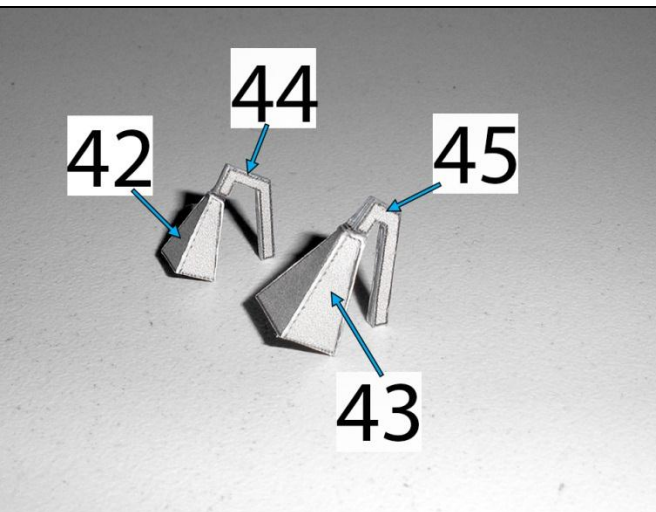


Glue the small end of 46 to the line on 38 as shown. Glue the 4 plastic broom straws in place as shown.

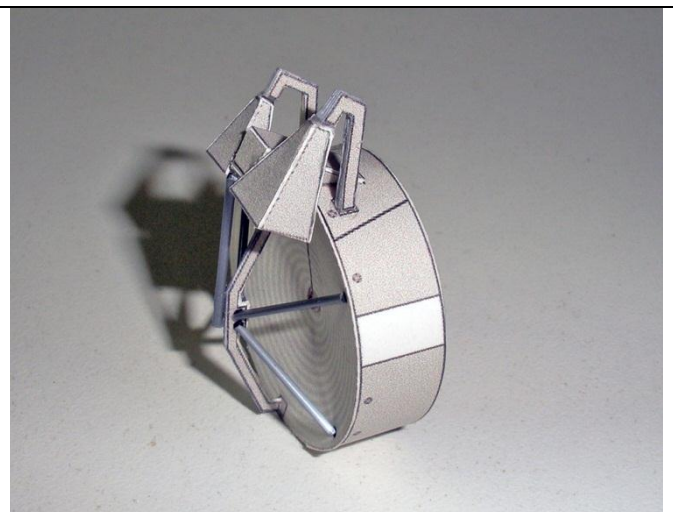


Cut a

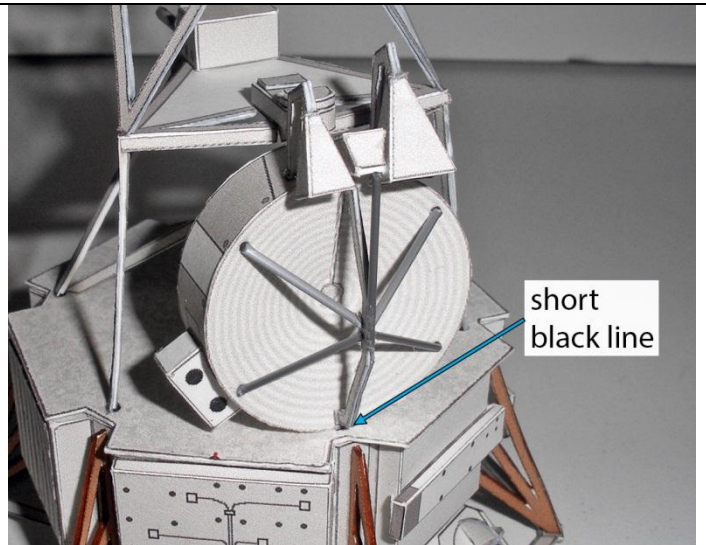
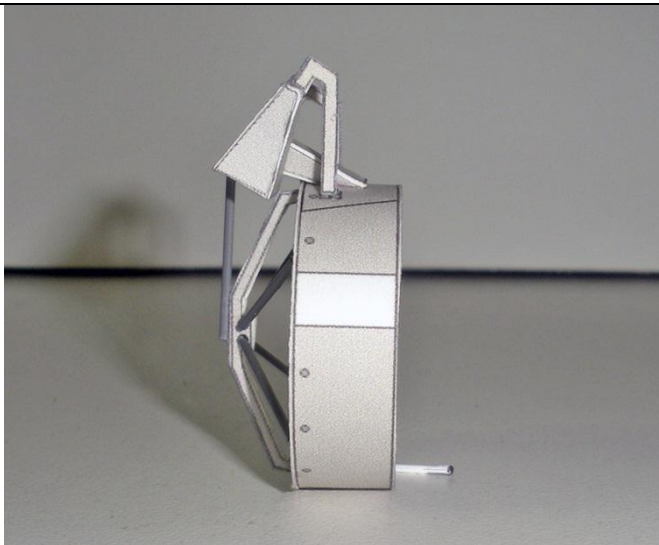
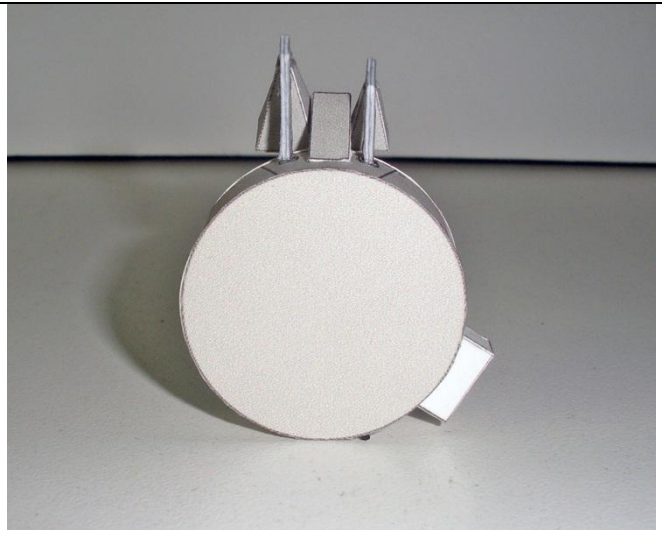
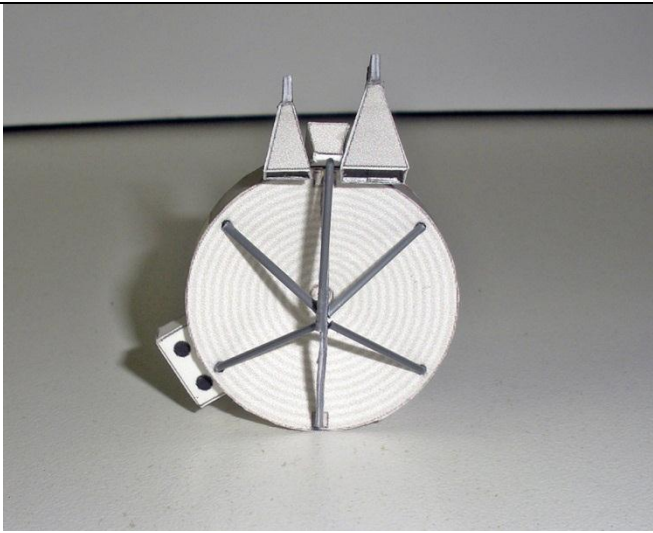
plastic broom straw according to instructions on page 5 on the parts sheet. Glue as shown (Blue arrow)



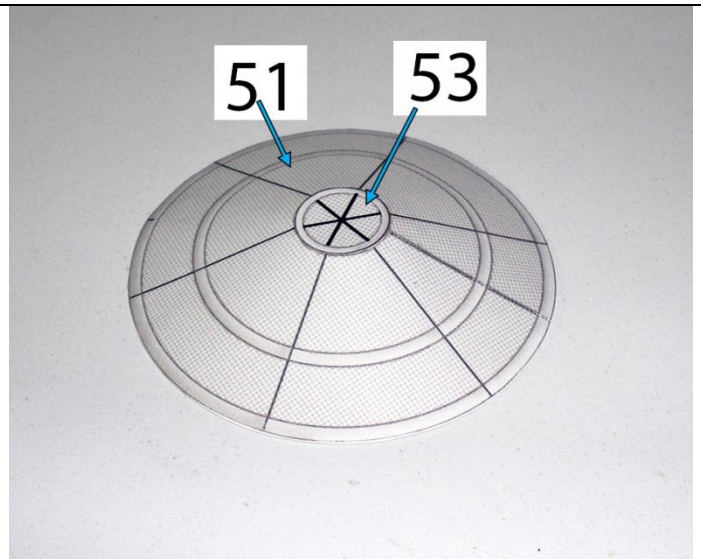
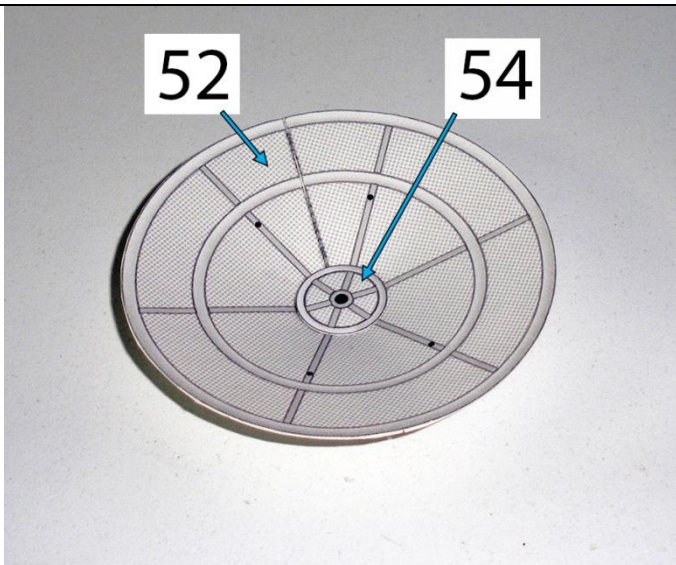
The wider sides on 42 and 43 are located at the top and bottom.

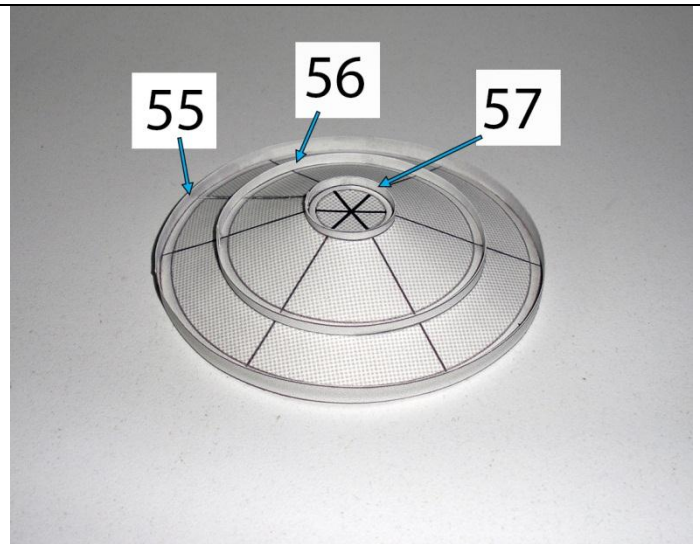
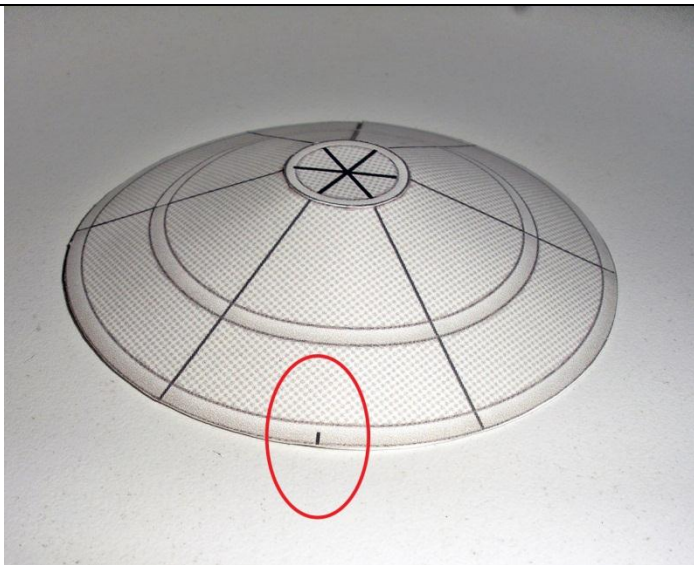


Glue on the two small squares as shown-see following photos.



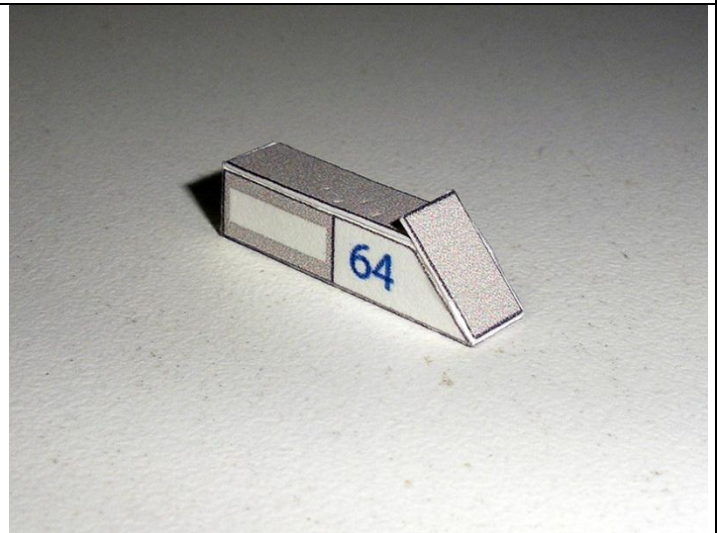
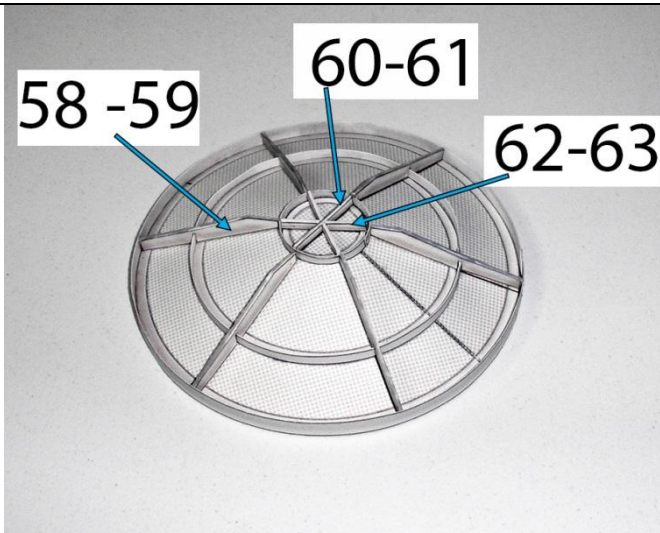
Glue on the top at the short black line as shown.





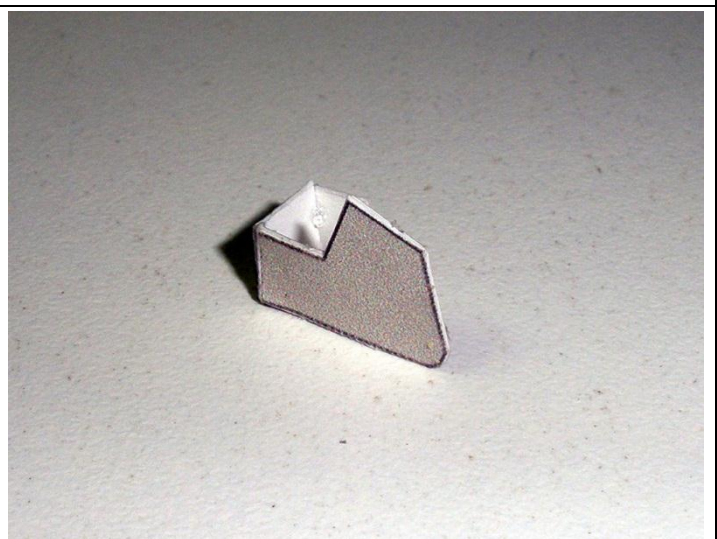
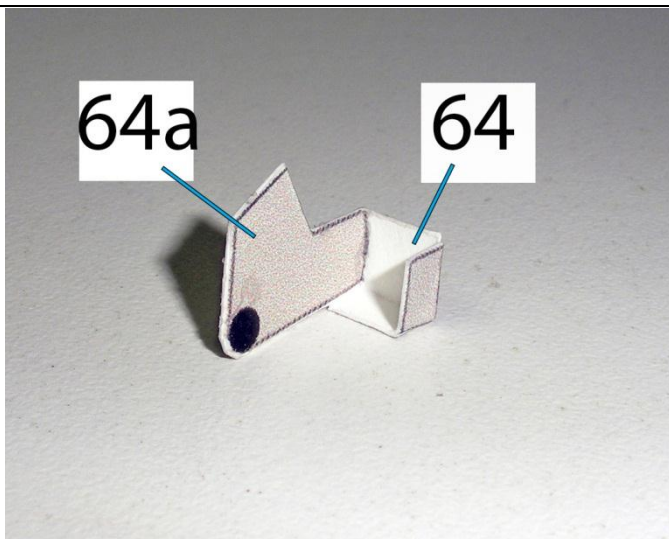
Glue the two dishes together, match the seem on 54 to the black line on 53 to align all the struts graphics together.

Slide the dish inside the large ring (part 55) and glue in place. Glue the other rings as shown.

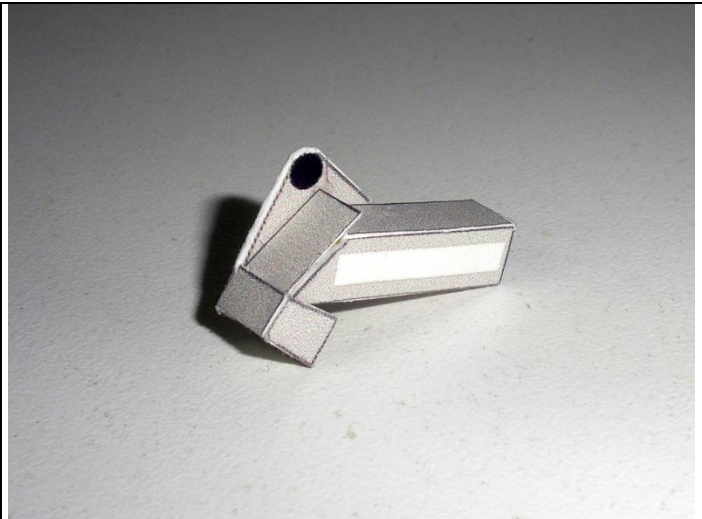
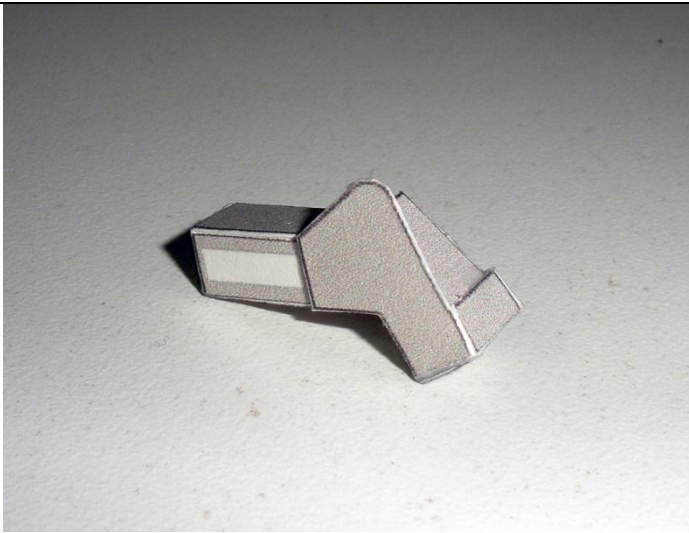


Glue these over the black lines as shown.

Part 65

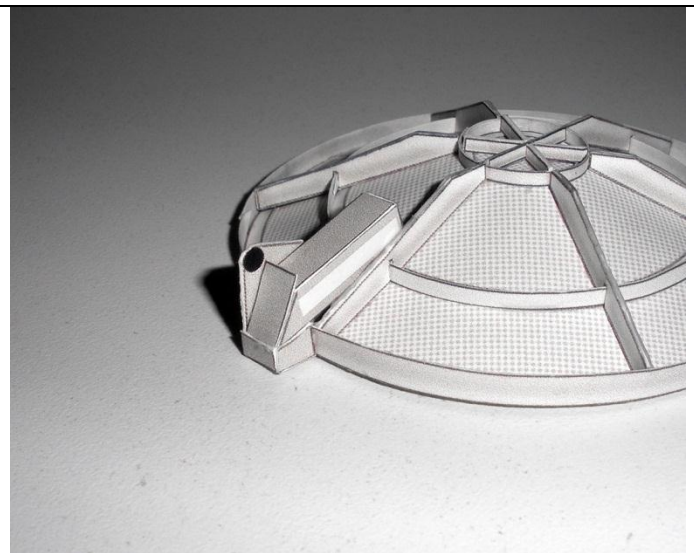
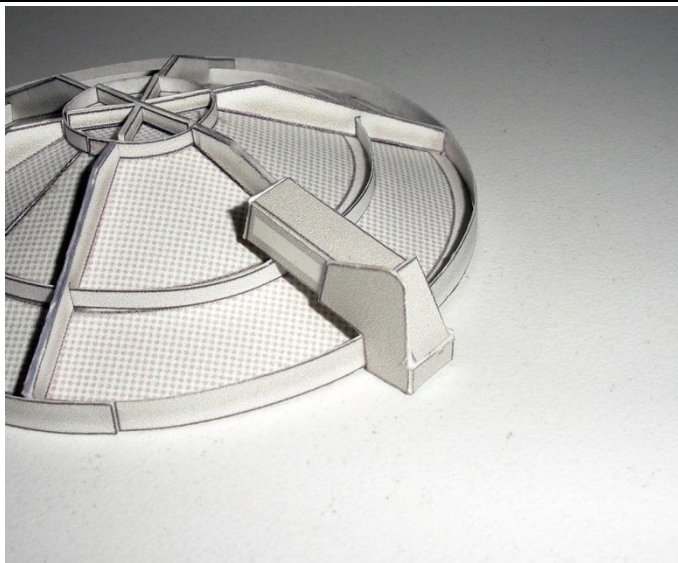


other side

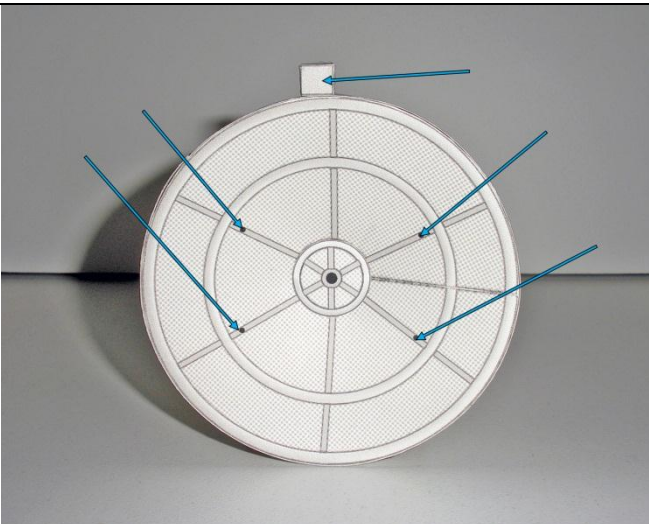


another view

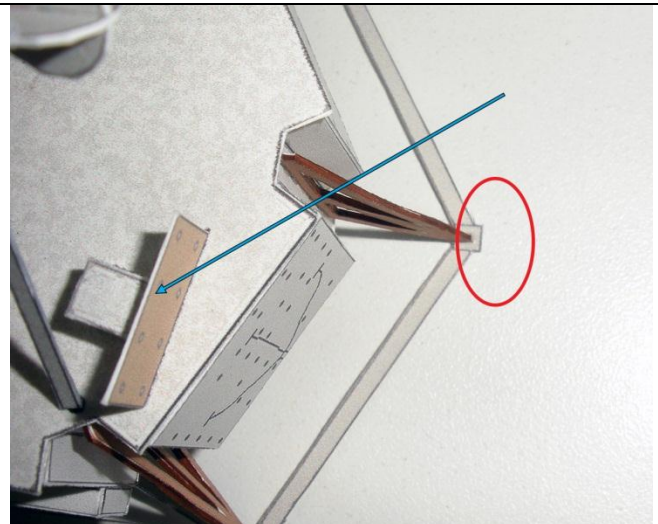
Glue to part 65



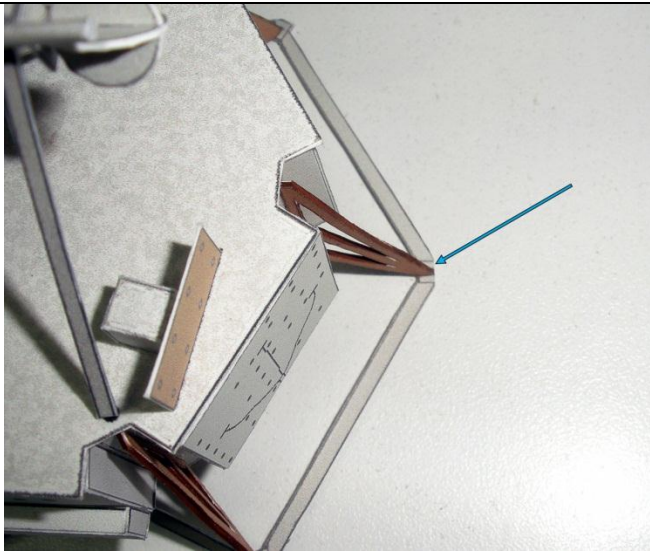
Glue to the back of the dish, see next few photos for locations



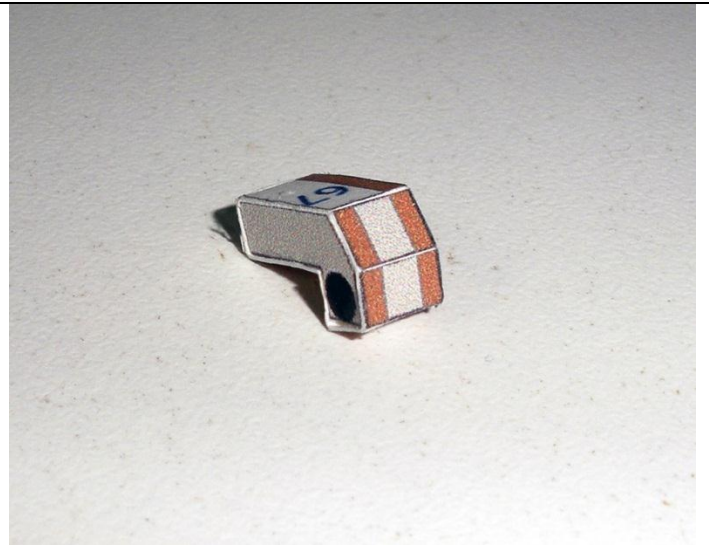
Make sure it is located in relation to the four black dots on the dish as shown (blue arrows).



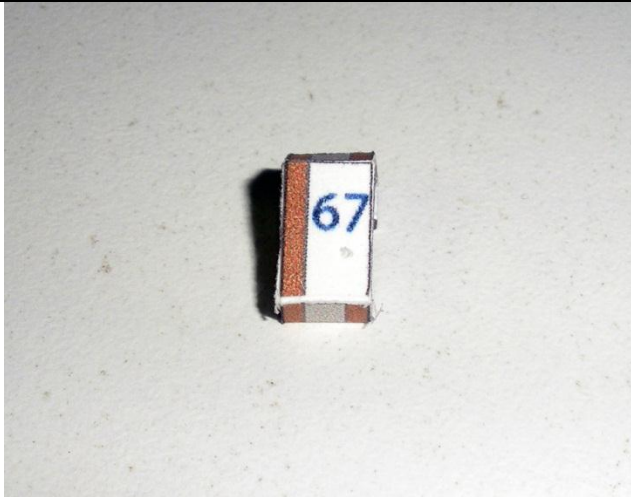
Locate the foot pad at the side with parts 8-9 (blue arrow)



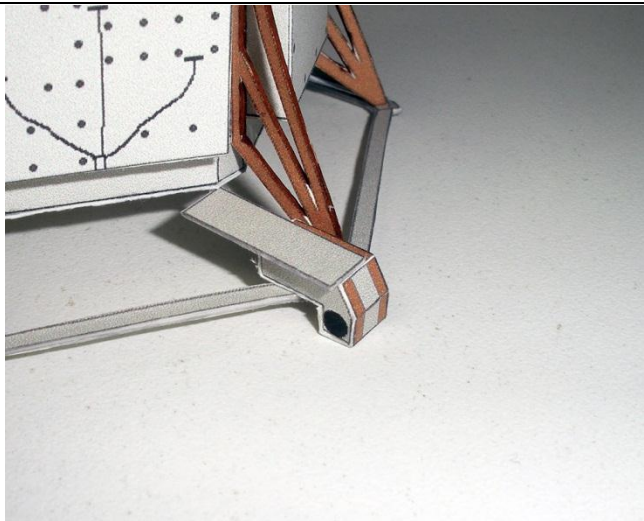
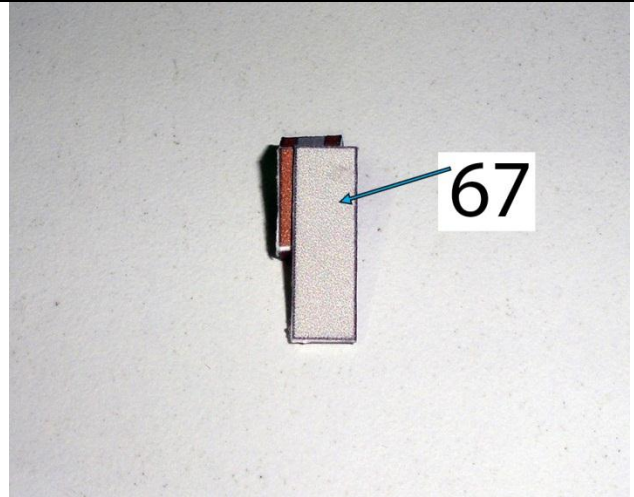
Cut off the edge that sticks out as shown.



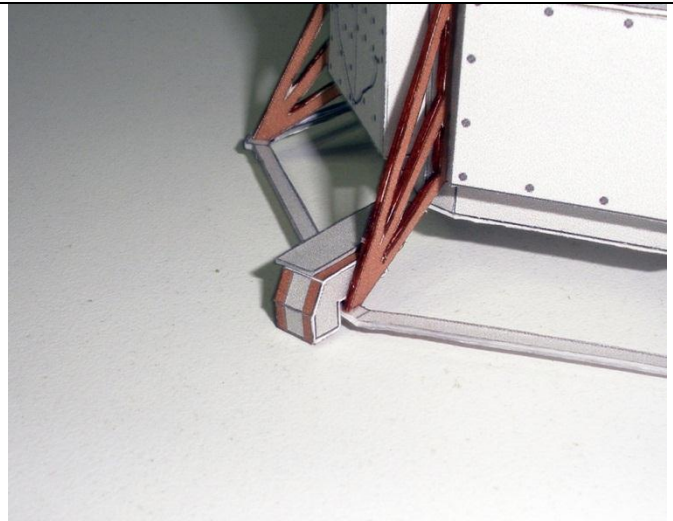
Part 66

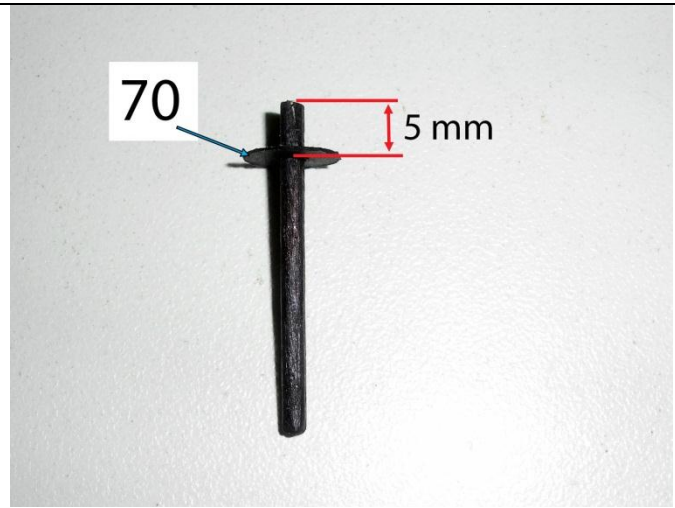
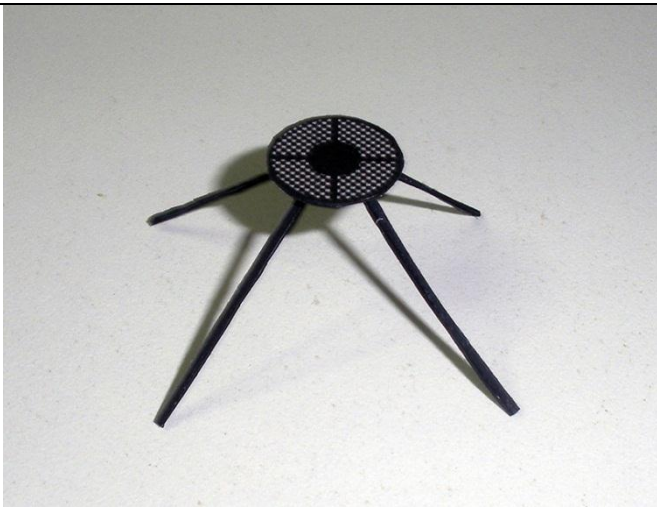
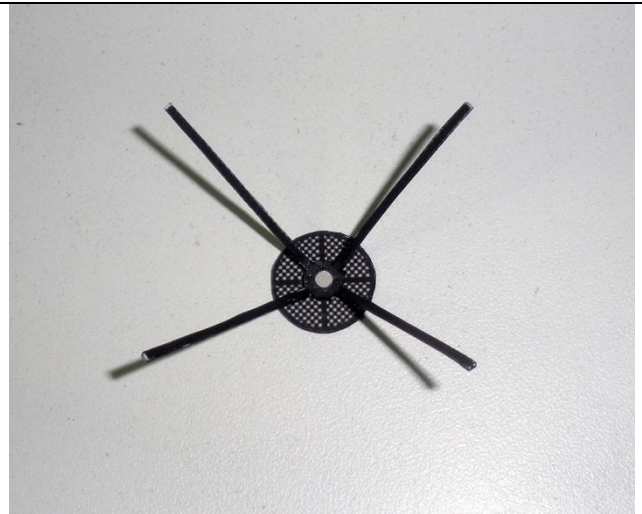
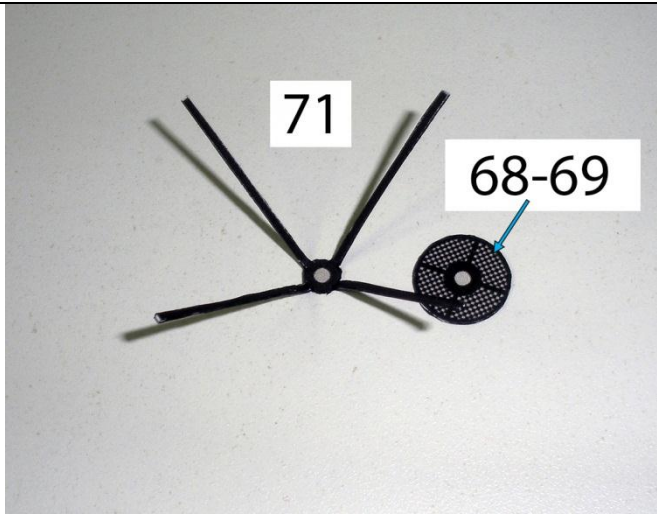


Part 66

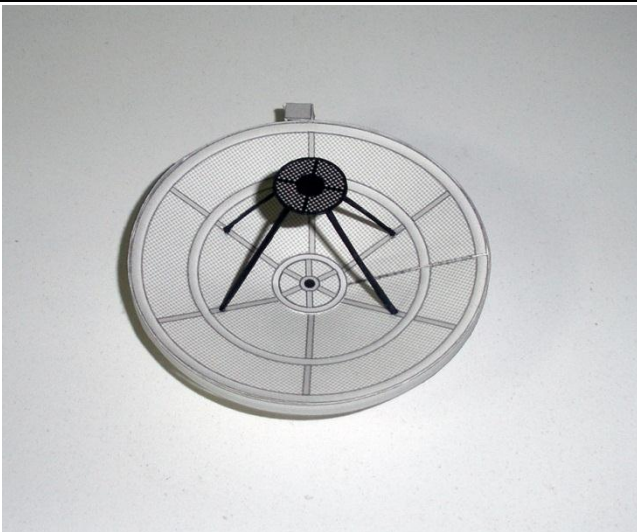


Glue against the leg where you cut off the edge.

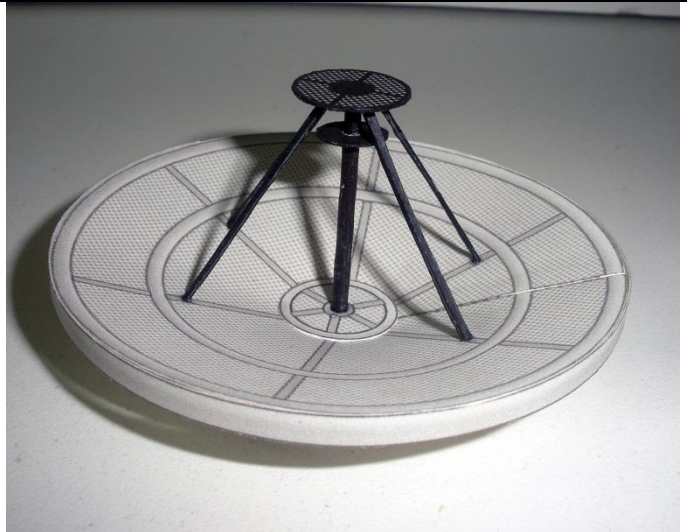




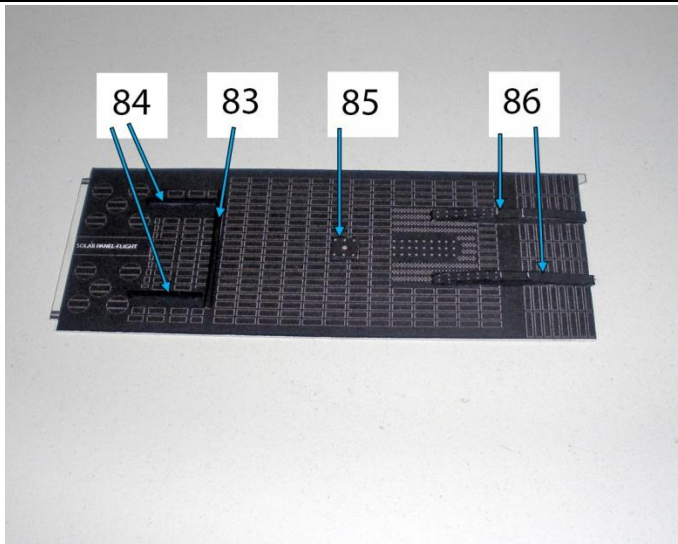
Cut out tooth pic according to instructions on page 6.
Slide-glue 70 onto the tooth pic as shown.



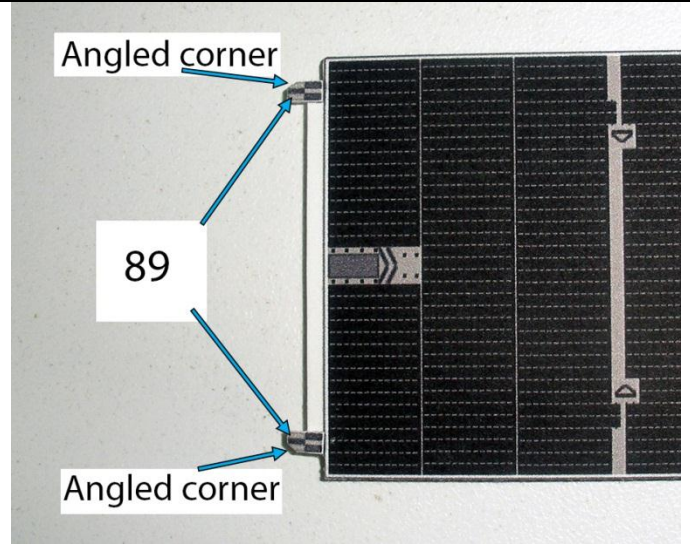
Glue on the four black dots on the dish as shown



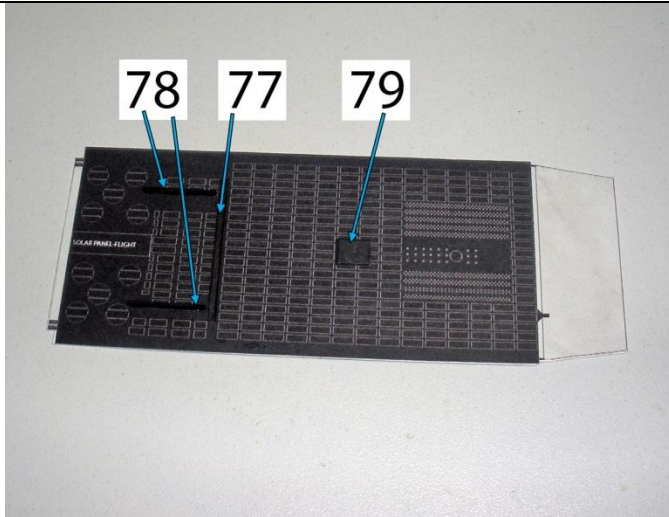
Glue the parts you just made as shown



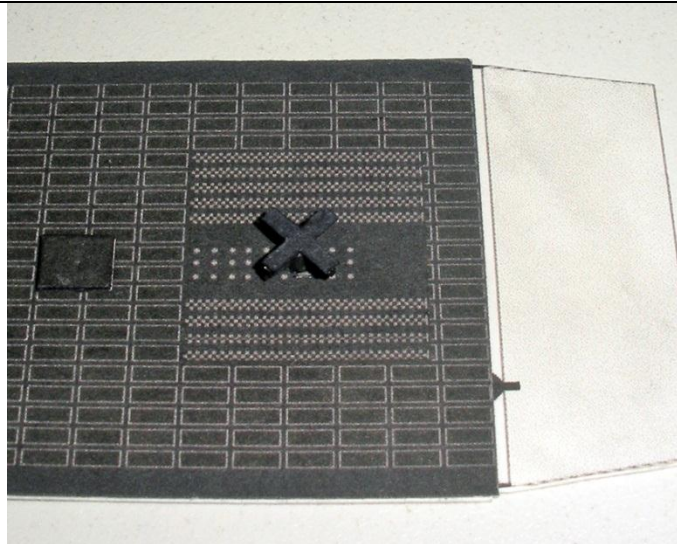
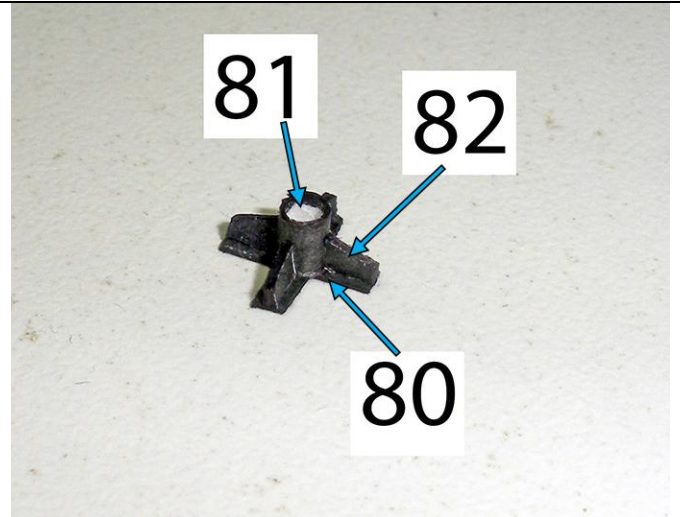
Solar panel 73.
84 is glued to the two horizontal lines. 83 is glued to the thick vertical line. Glue 85 and 86b as shown



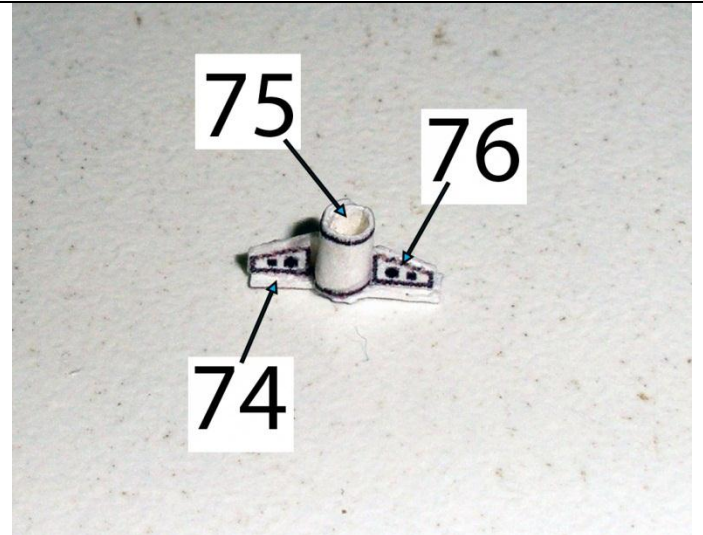
Glue 89 as shown.

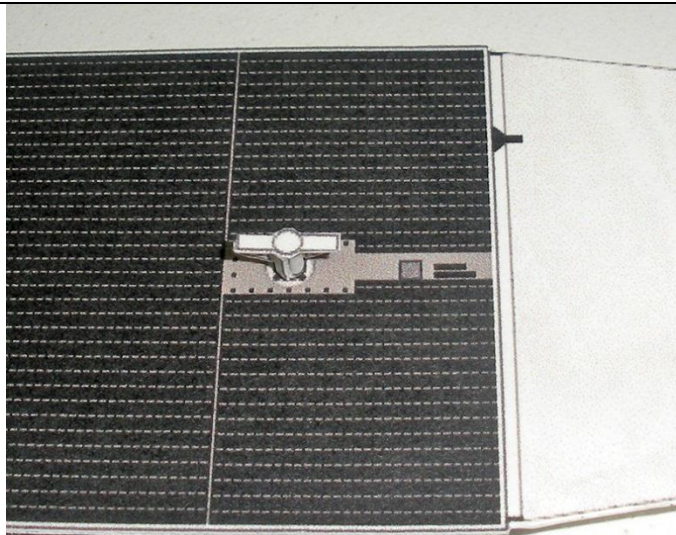


Solar Panel 72

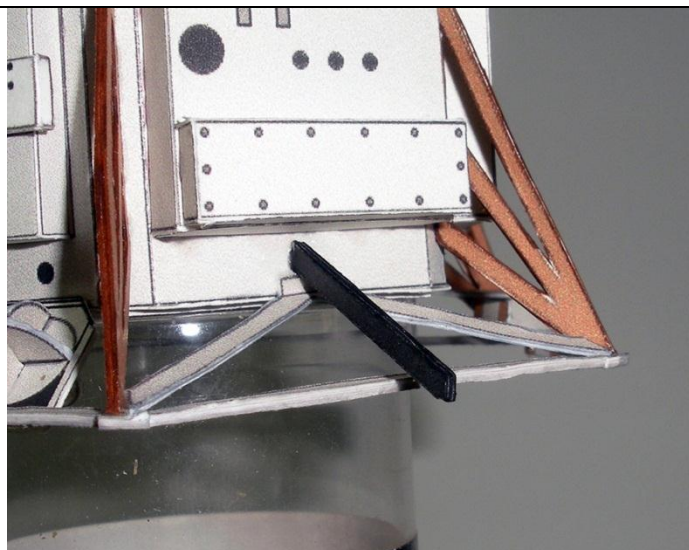
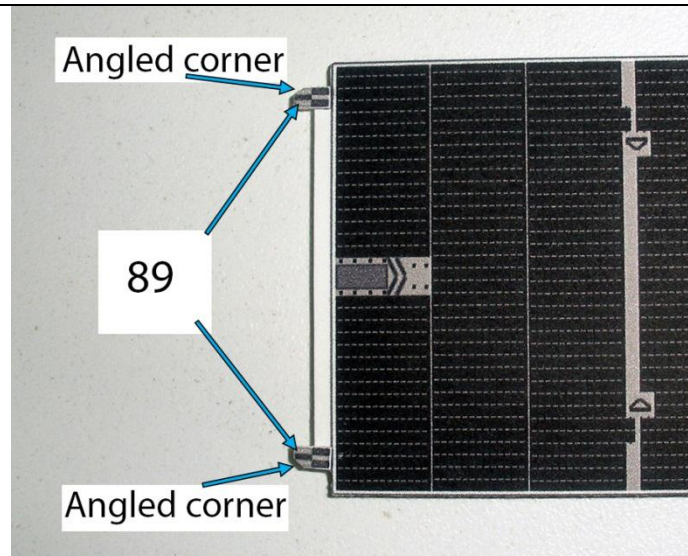


Glue on the white circle on 72 as shown on the back side of the solar panel.

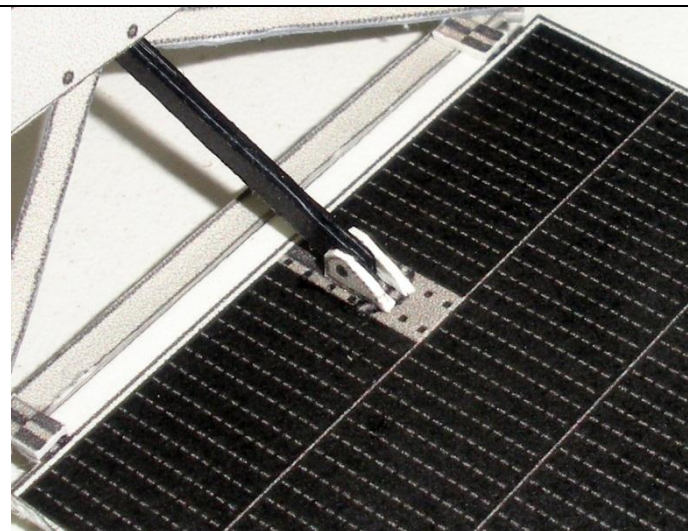
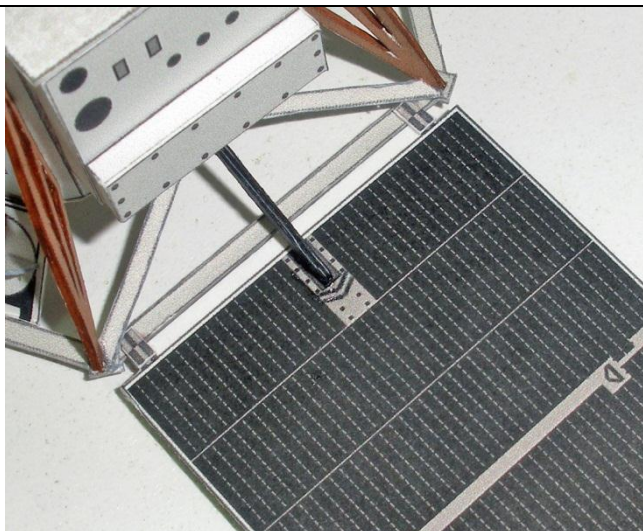
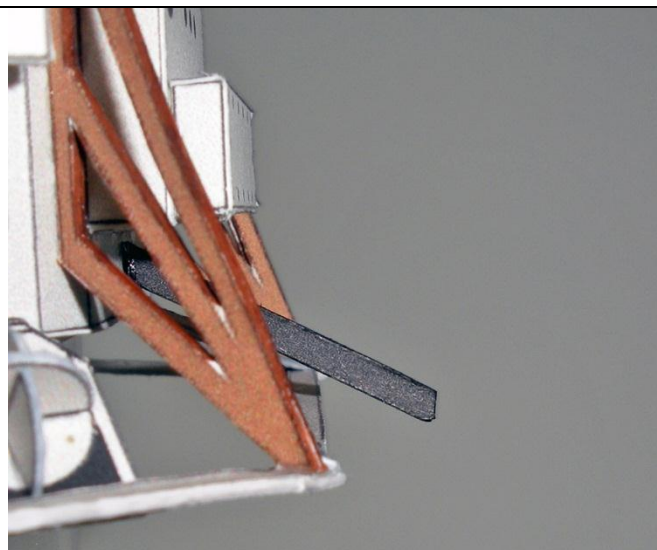




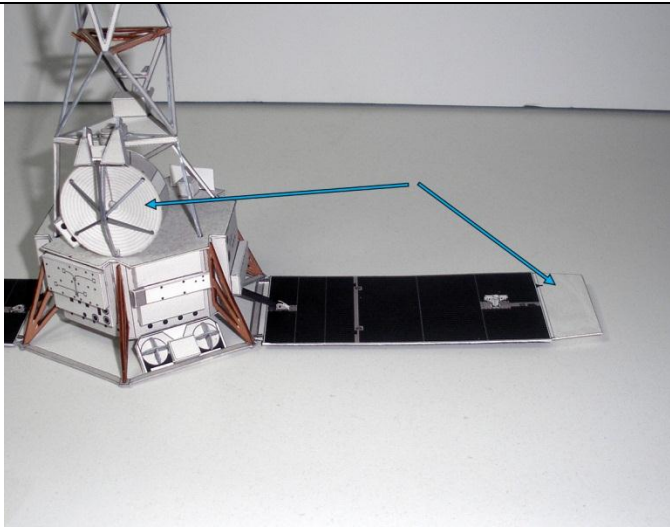
Glue on the white circle on 72 as shown on the front side of the solar panel.



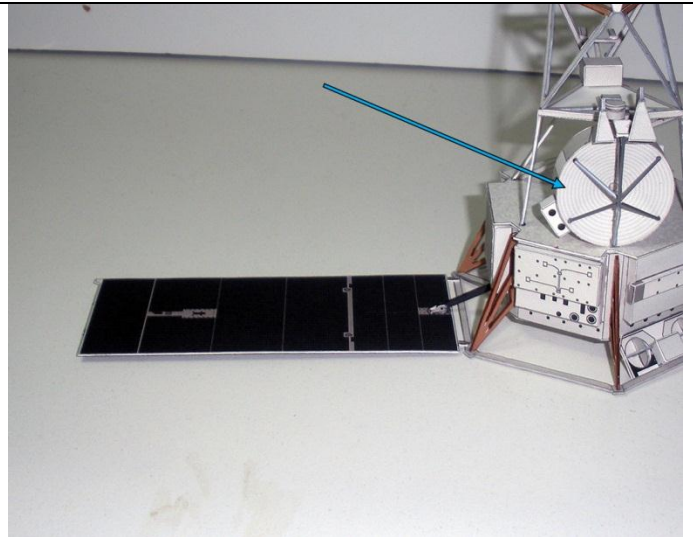
Glue 87 to the black dot near the bottom edge of the body as shown, do the same to the other side of the body.



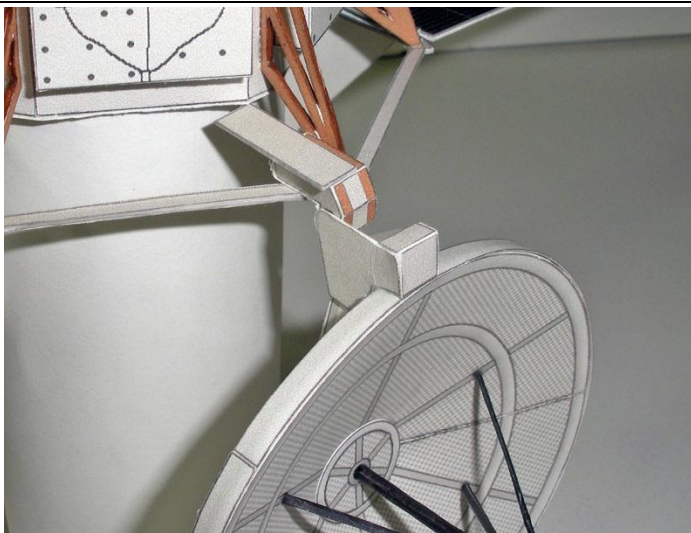
Add parts 88 as shown.



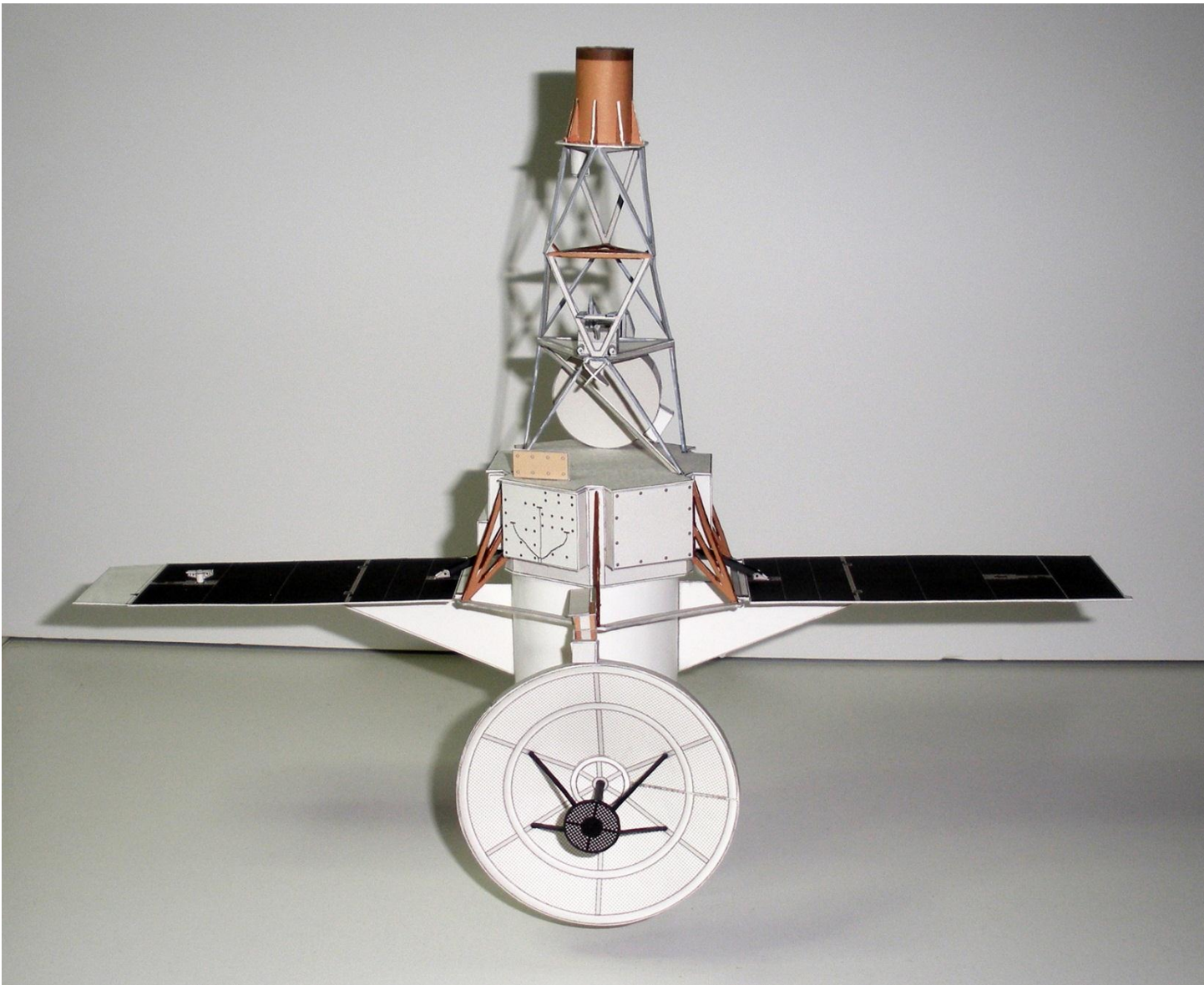
Location of solar panel 72.



Location of solar panel 73



Last step...glue the dish onto the black dot on 64a as shown, your model is done.



Model with solar panel support stand