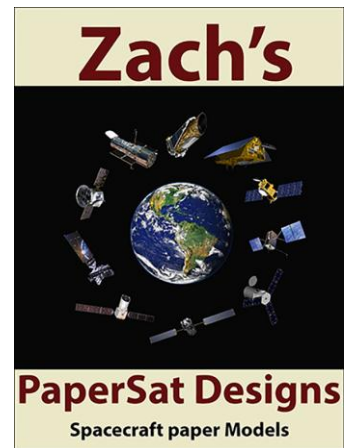
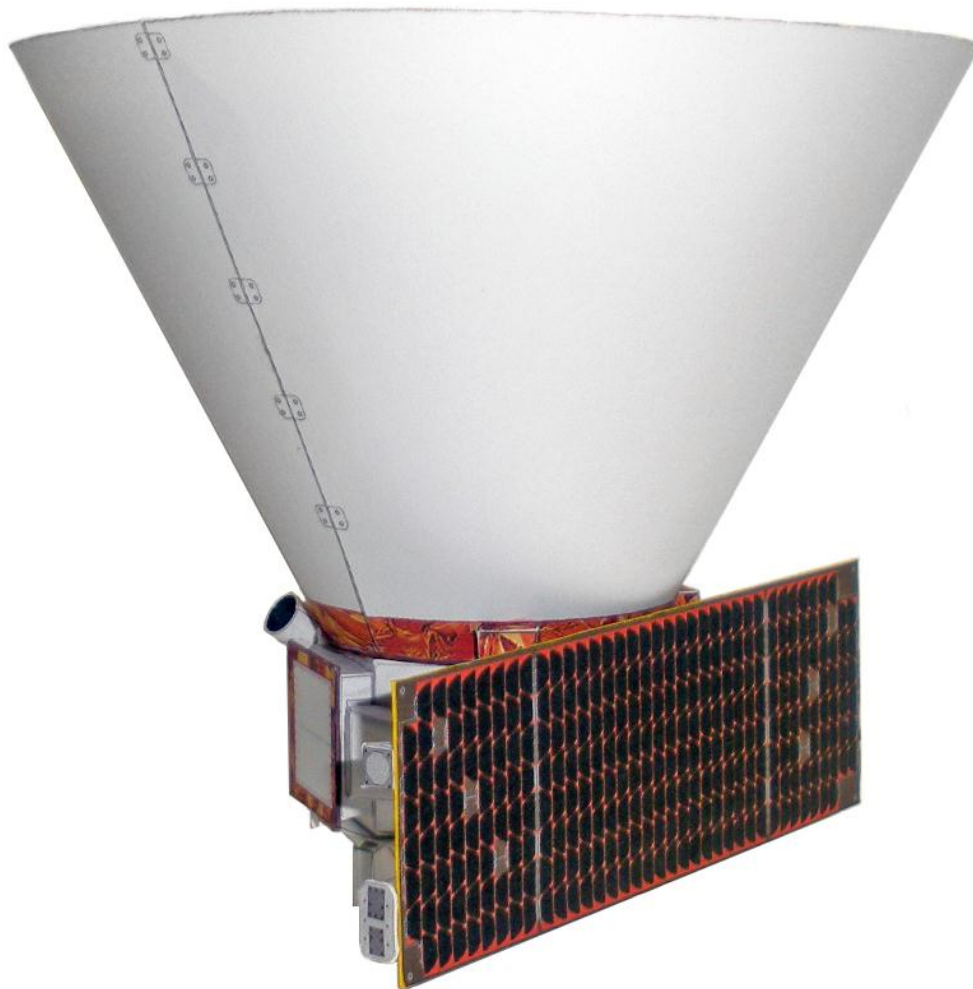
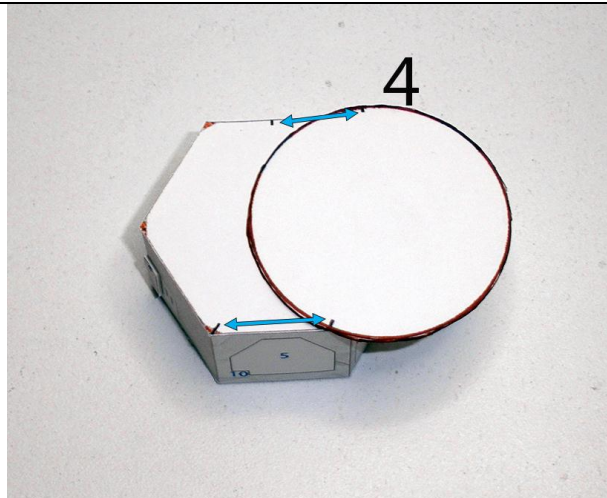
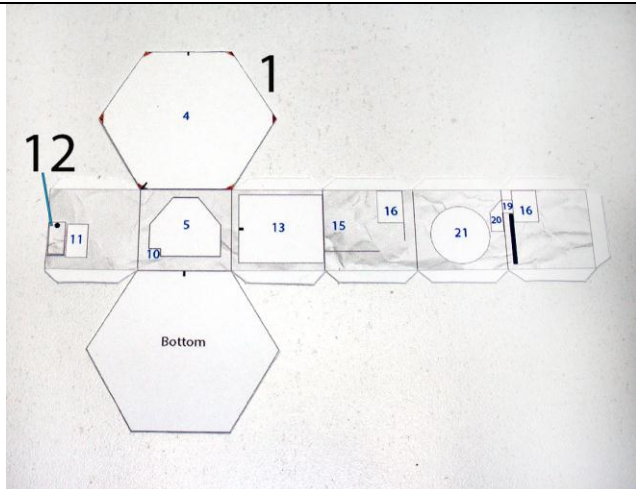


SPHERE

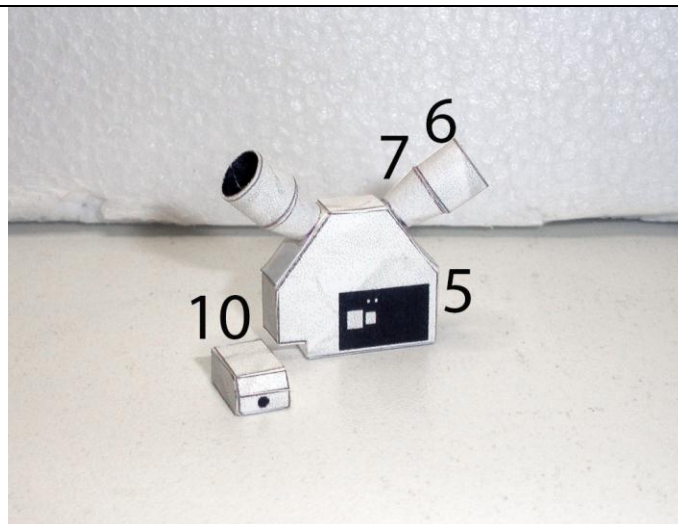
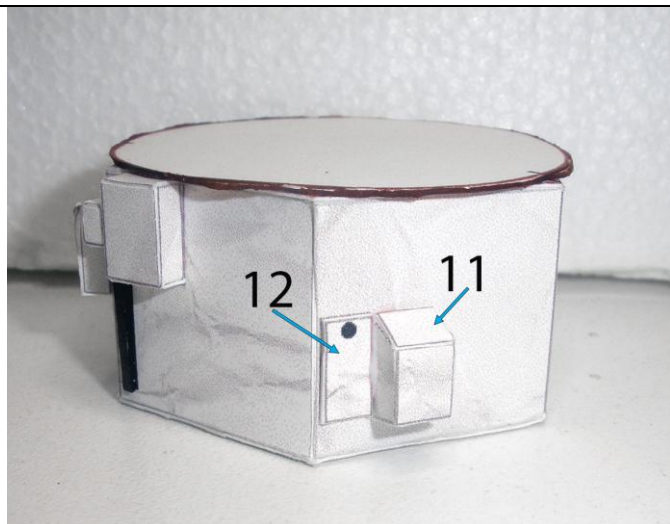
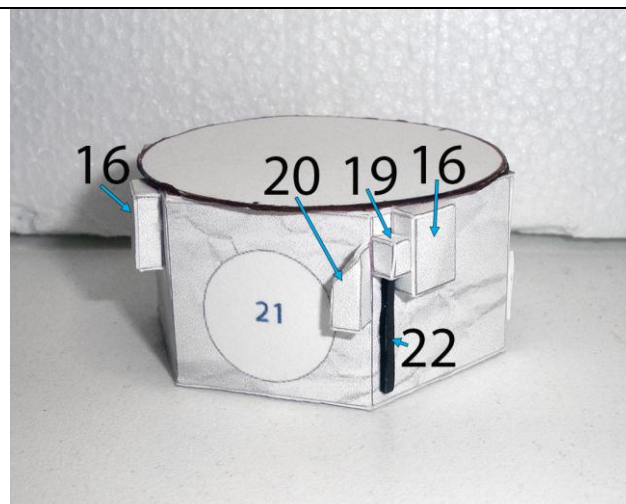
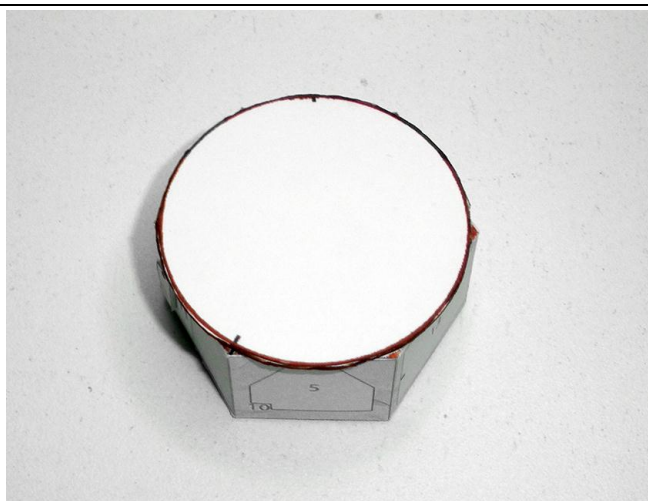
(Spectro-Photometer for the History of the Universe,
Epoch of Reionization and Ices Explorer)

1/20 Scale Paper Model Instructions

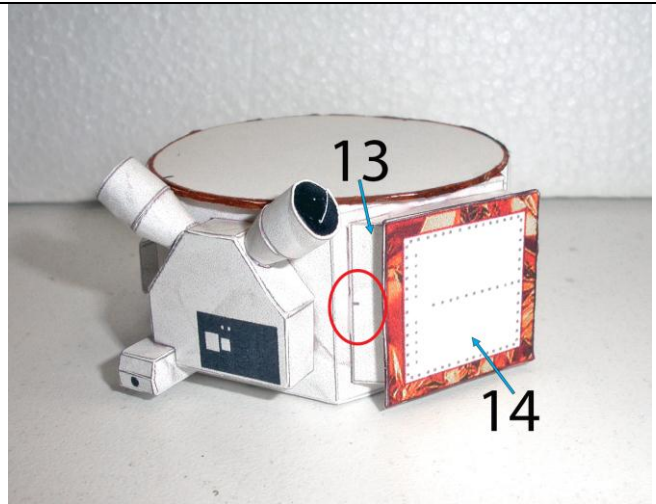
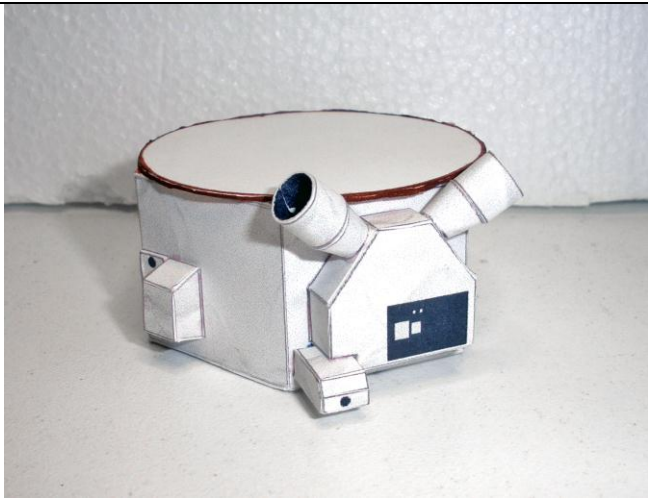




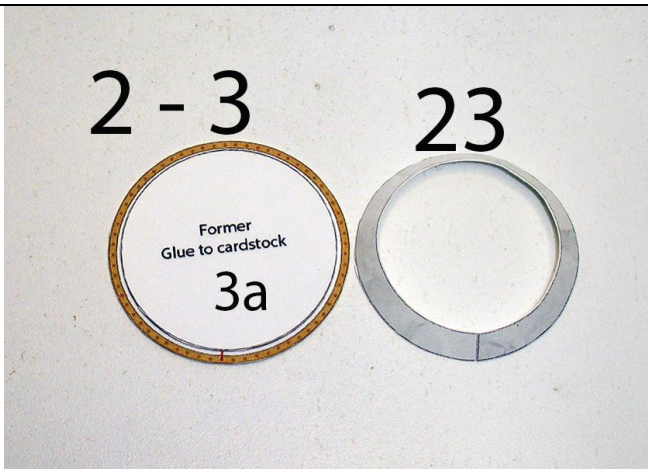
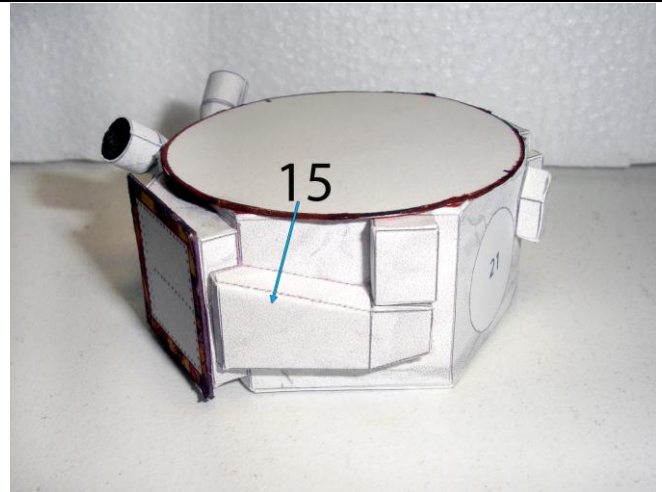
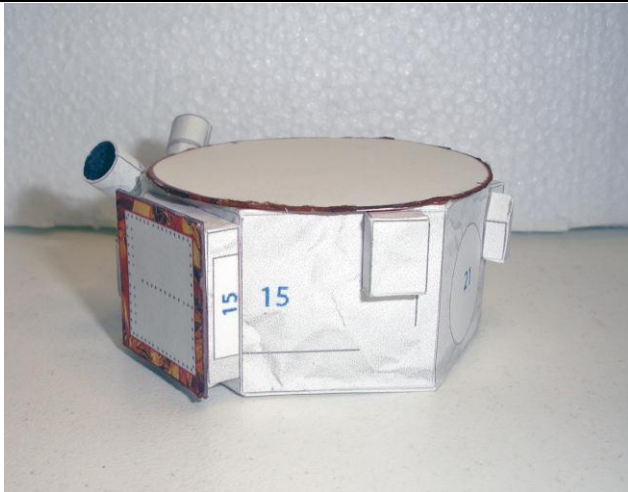
Glue 4 onto the TOP, match the two black makers (Blue arrows).



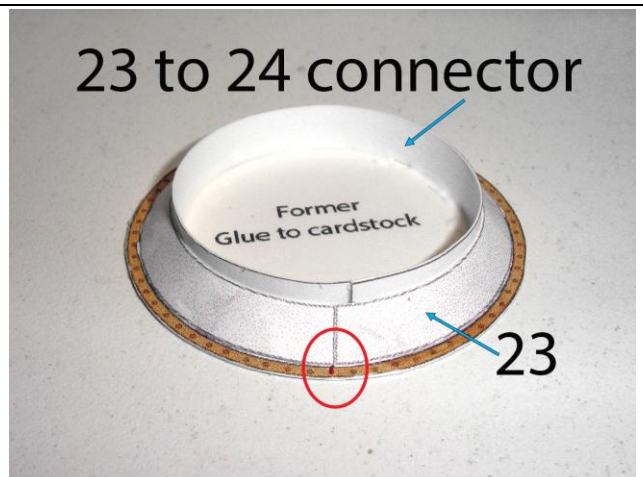
Match seems on 6 and 7, Glue on the black circles on 5, match the seem on 7 with the red markers on the black circle on 5



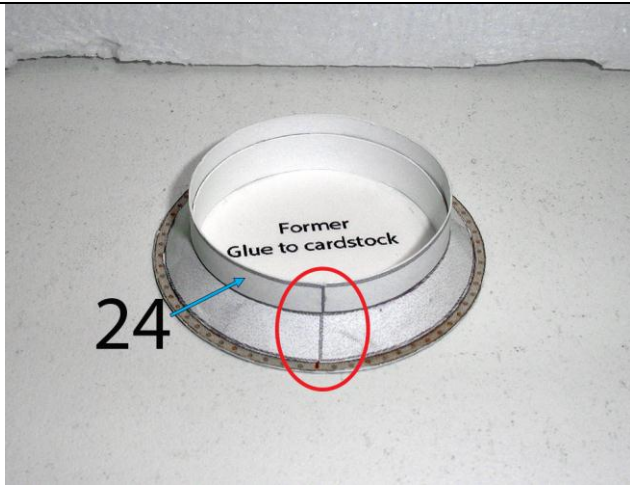
Glue 13 and 14 together, match the two black markers.
Glue onto the body as shown, match the marker on 13 to the marker on the body (red circle).



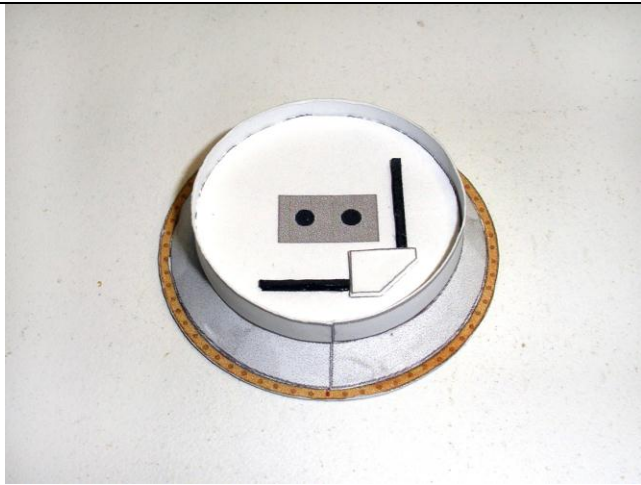
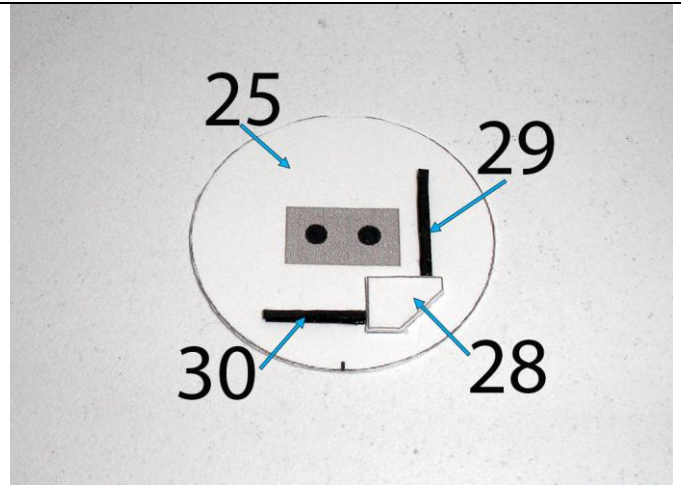
Glue the former(3a) onto the center of 2-3 as shown. Match the seem on 23 with the red marker on 2-3 (red circle on the next photo).



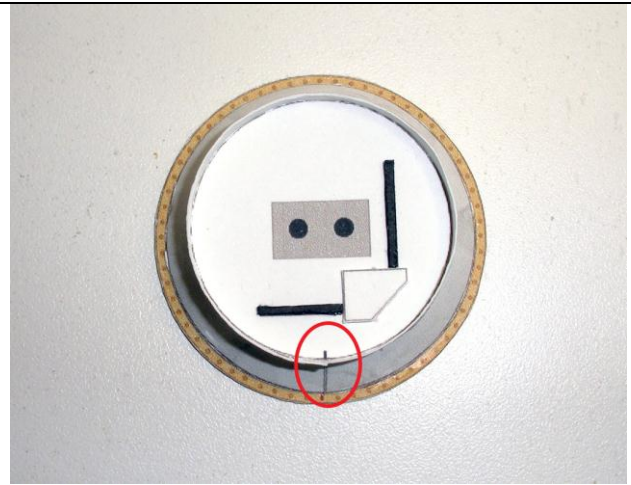
Glue 23 onto 2-3, former will hold it at the center and make it round. Slide the 23 to 24 connector into 23 and onto the former and glue in place.



Slide 24 over the connector and glue in place, match the two seems (red circle). Grey Line along the edge should be at the top



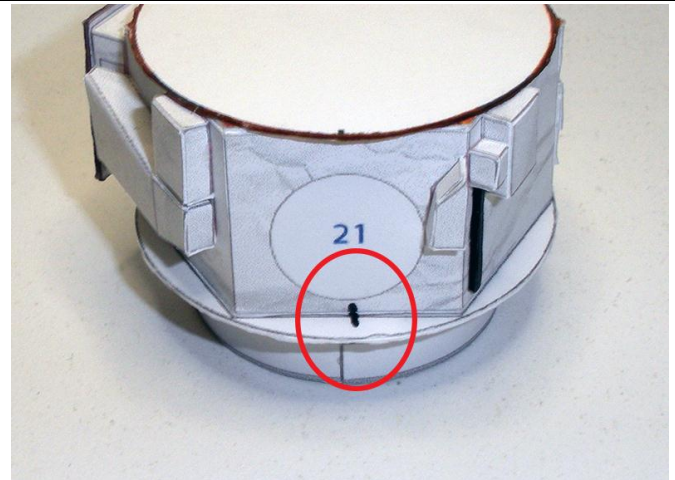
Slide and glue inside



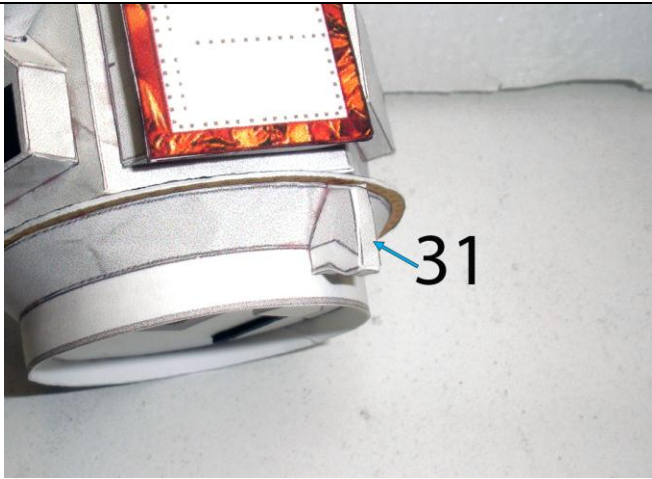
Match the marker on 25 to the seem (red circle).



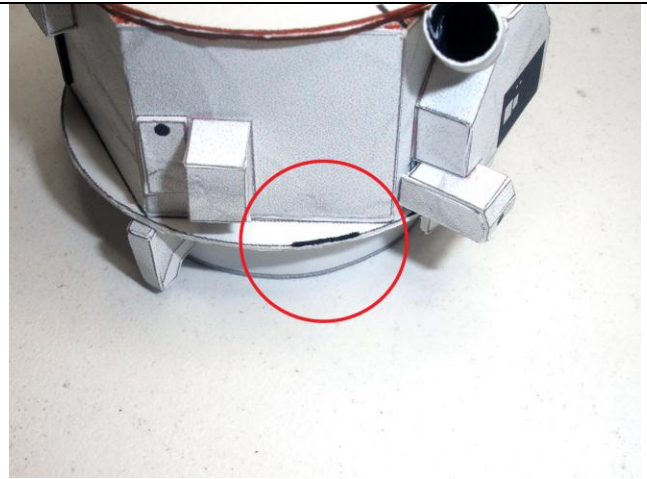
Glue onto the bottom.



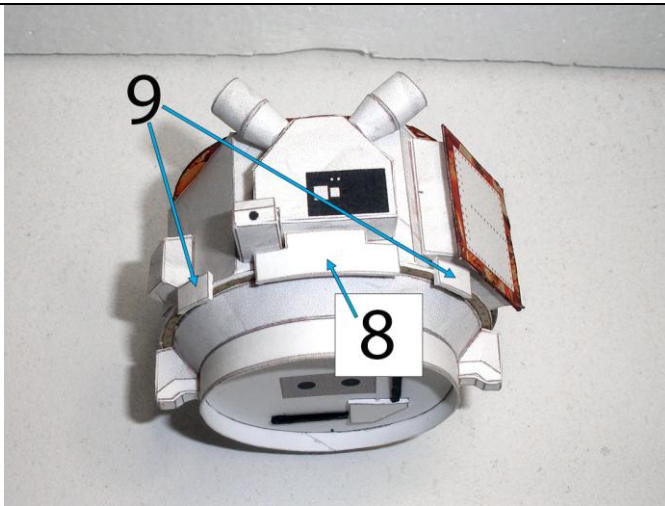
Align the marker with the marker under the circle labeled "21" (red circle).



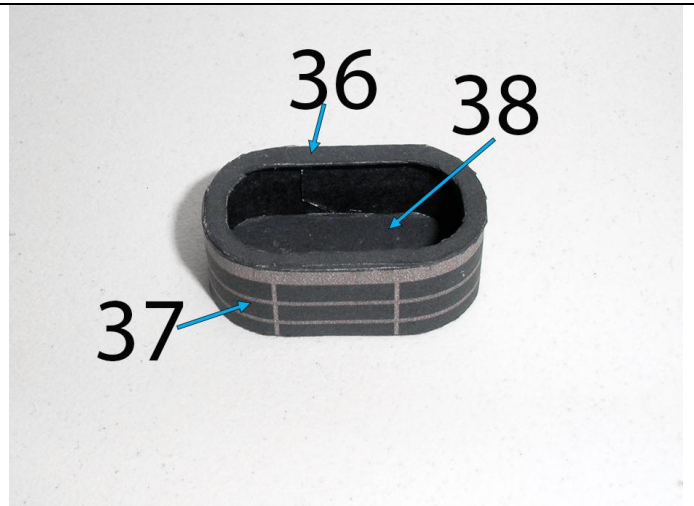
Glue 31 onto the two short lines on 24.



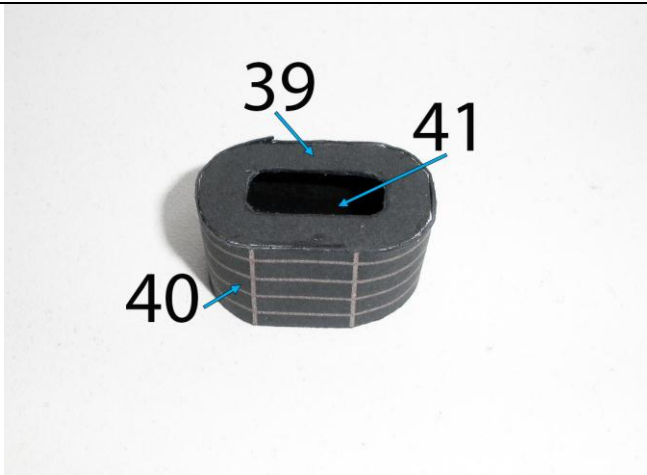
Note the three black lines along the edge of the bottom (one is located under parts 5 – 7)



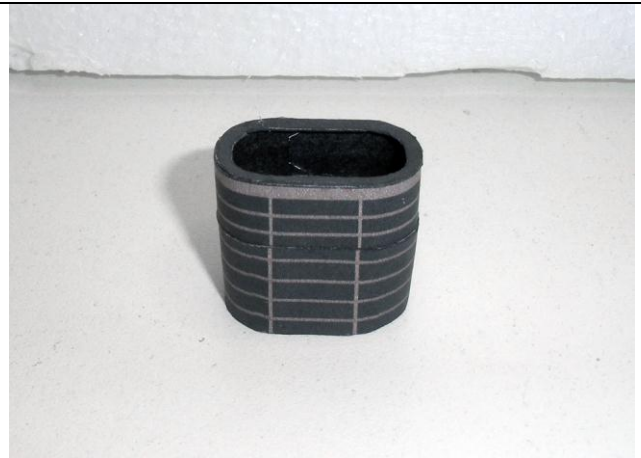
Glue 8 on the outer edge of the circle at the longer black line under parts 5 – 7. Glue parts 9 on the outer edge of the circle at the shorter black lines as shown.



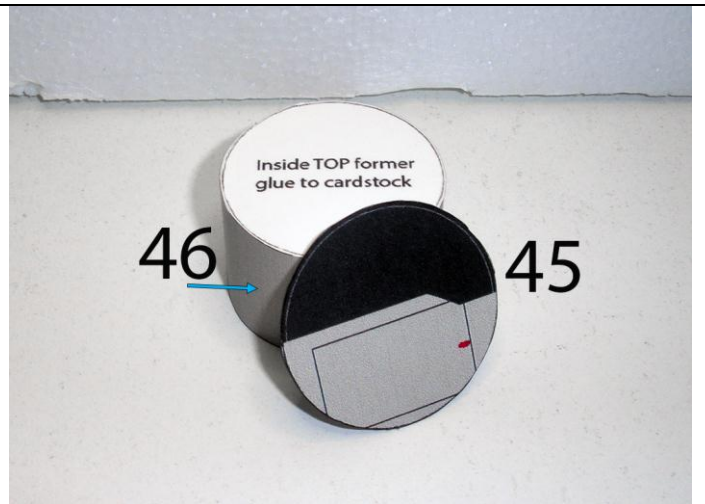
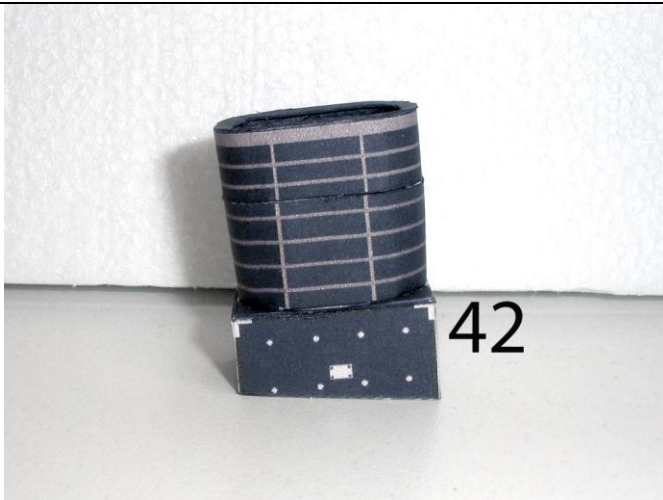
38 is glue inside bottom to give it its shape. Mold the top of 37 into an oval shape to match the bottom and glue 36 on top. Two vertical lines on 37 should be at the center.



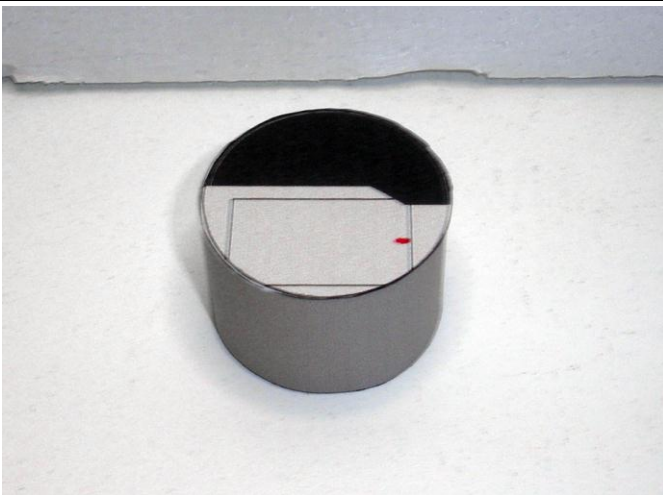
Glue 39 inside top of 40, insert 41 into the bottom and use the opening of 39 and a rod to pound 41 flat at the inside bottom. Two vertical lines on 40 should be at the center.



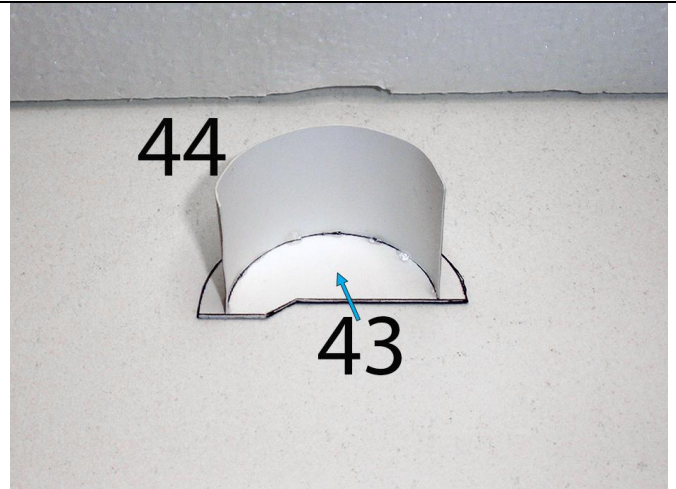
Glue 36 – 38 on top.



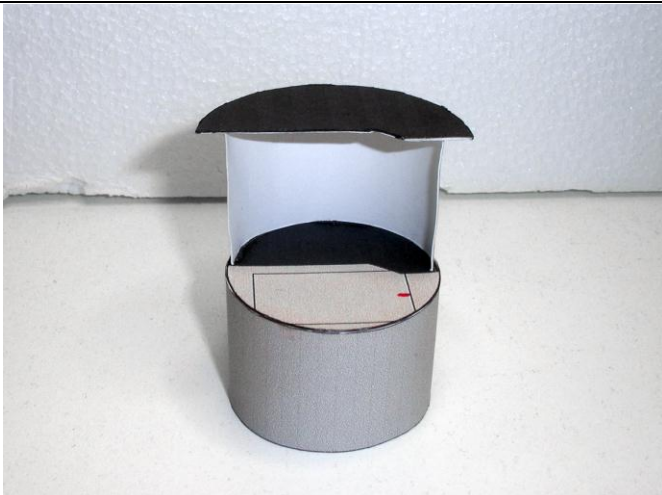
The former fits inside top of 46 and glue in place.



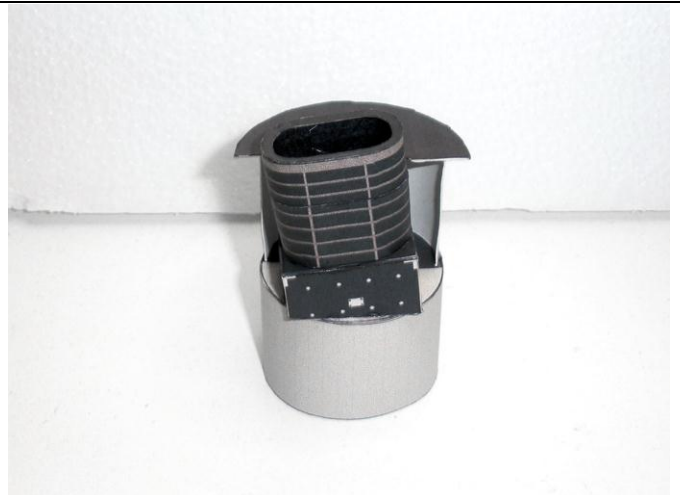
Glue 45 on top over the former.



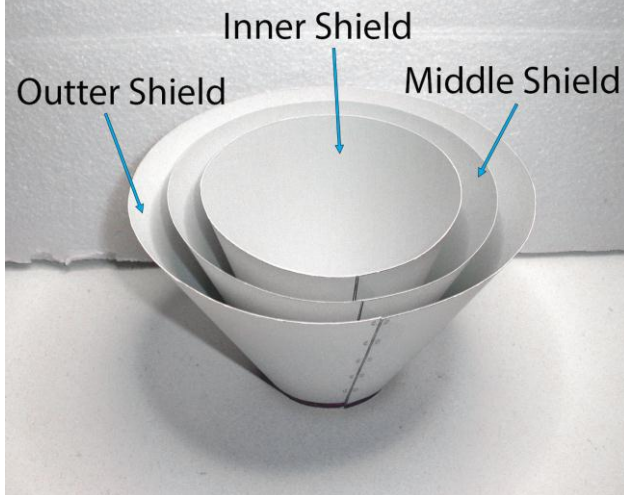
Glue 44 at the bottom of 43 along the inner line as shown.



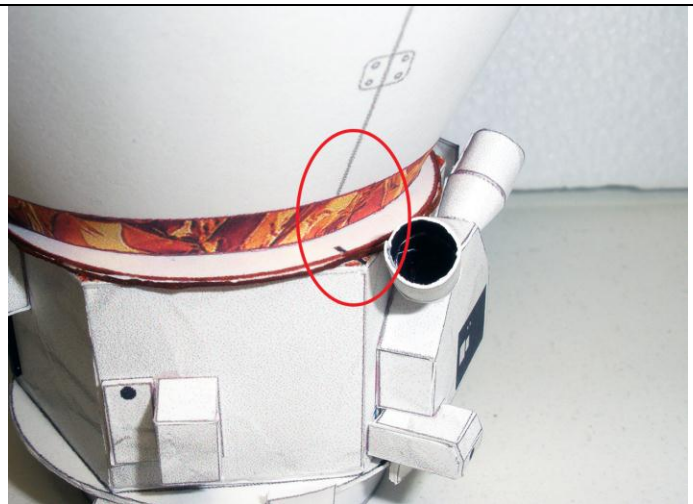
Glue on top, glue bottom of 44 along the grey circle line on 45 as shown.



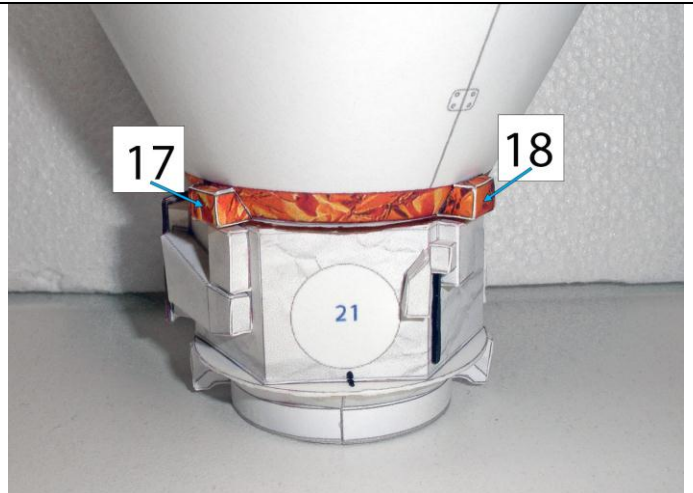
Glue the telescope onto the square, match the red markers together.



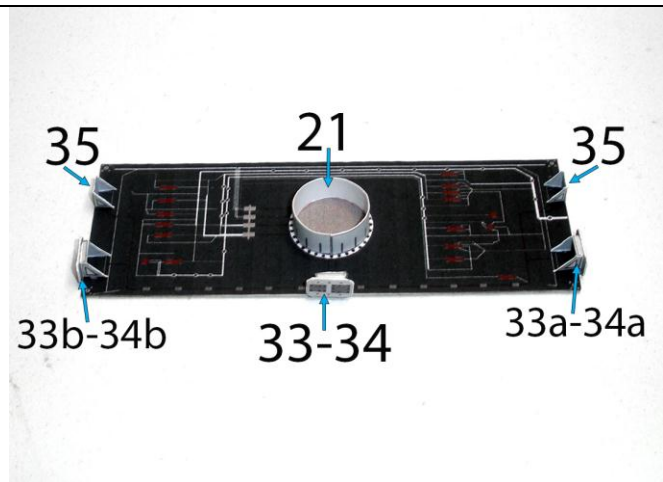
Glue the formers inside bottom of each shield to make them round at the bottom. Make sure the formers are perfectly flat. Glue them together as shown, center each one as best as possible.



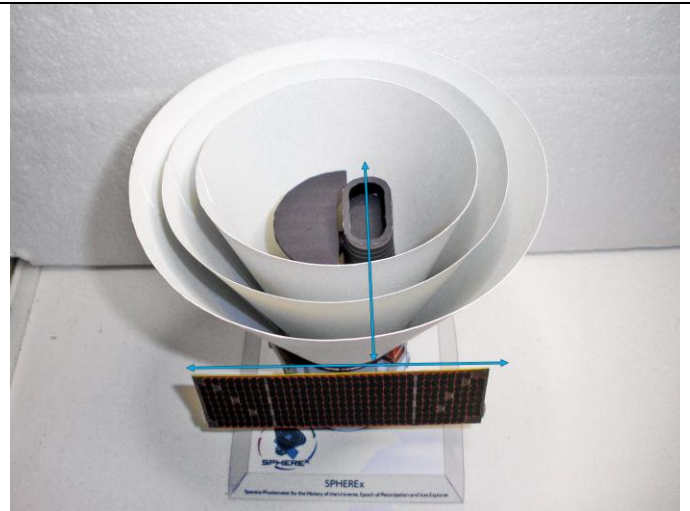
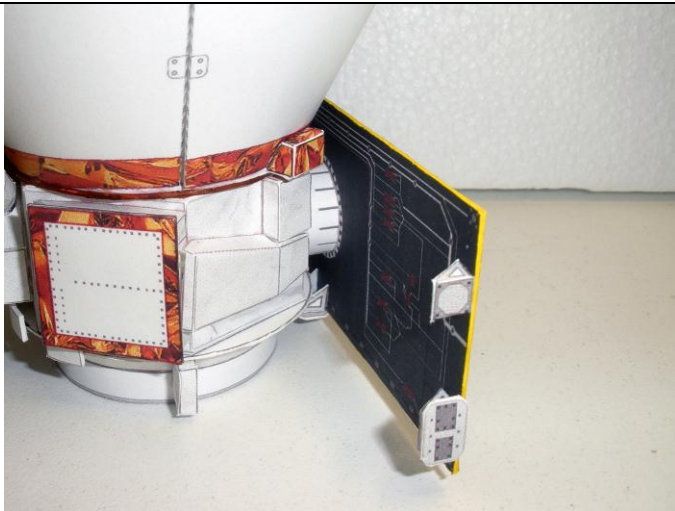
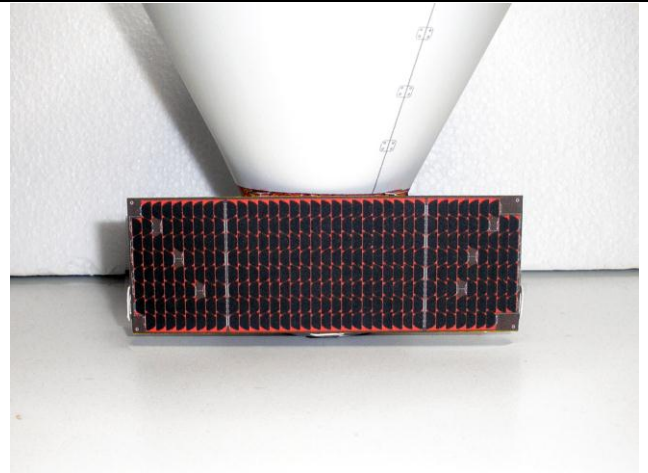
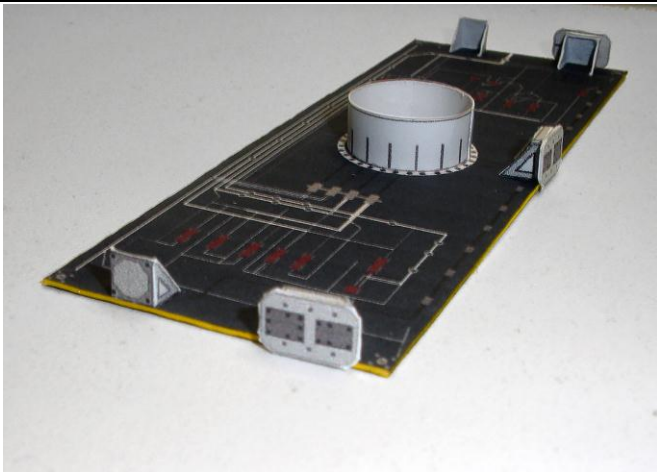
Glue onto the top of the body, match one of the lines on the outer shield with the black marker on top (red circle).



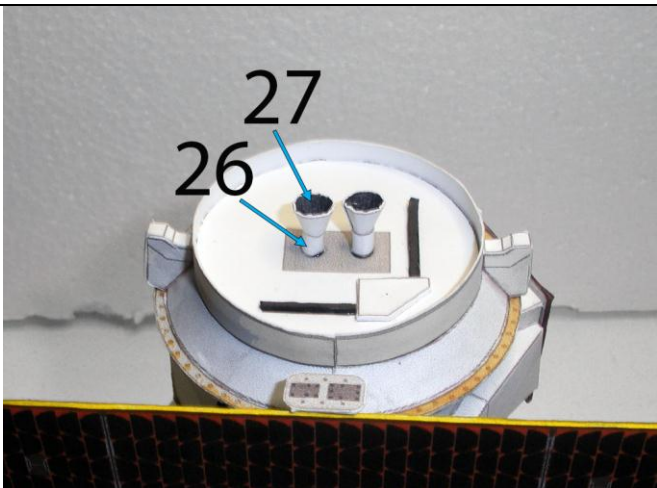
Glue over parts 16 as shown.



Glue 33a and 34a together, match the two markers
Glue 33b and 34b together, match the two markers.
Glue all these onto the back of the solar panel as shown.



Glue the telescope into the shields as shown, telescope should be perpendicular with the solar panel (blue arrows).



Congrats, your model is done.