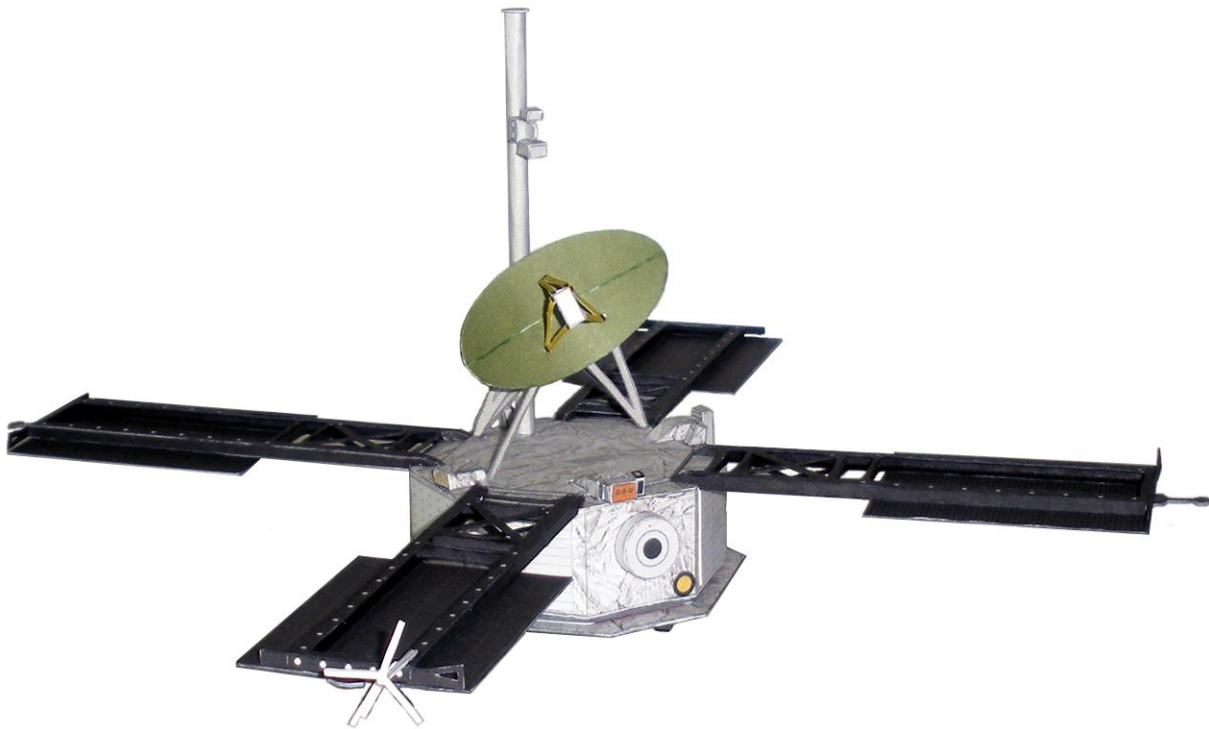
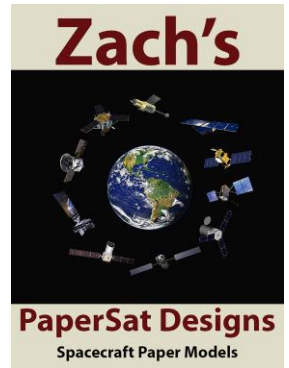
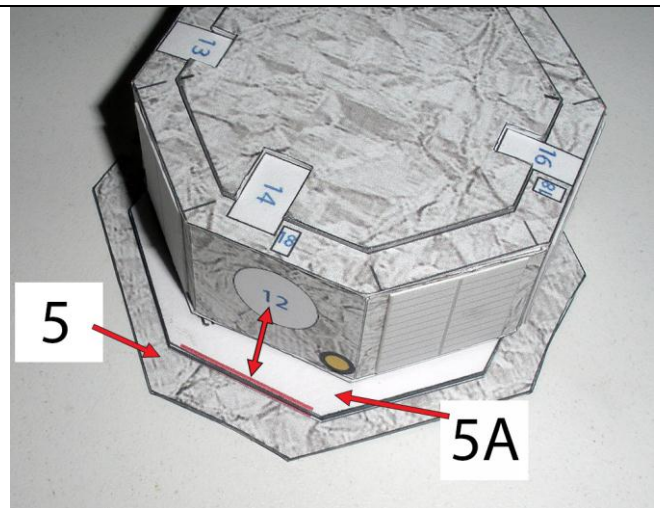
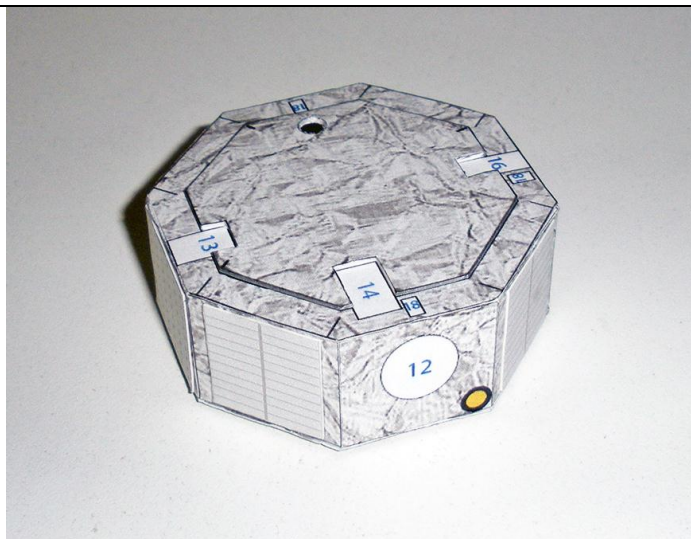
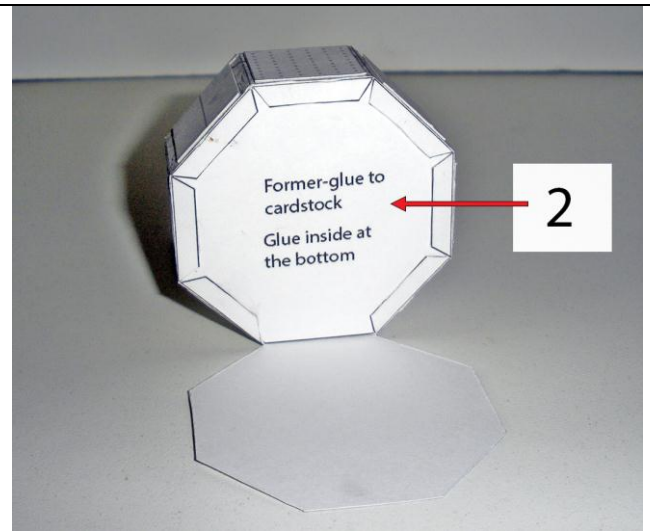
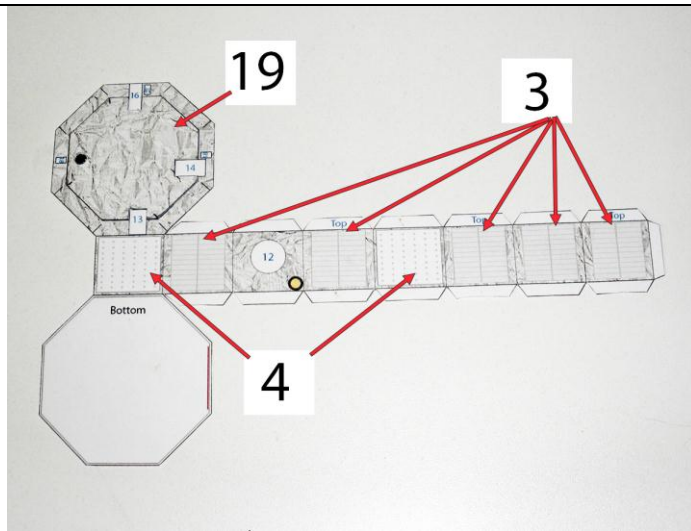


Mariner 5

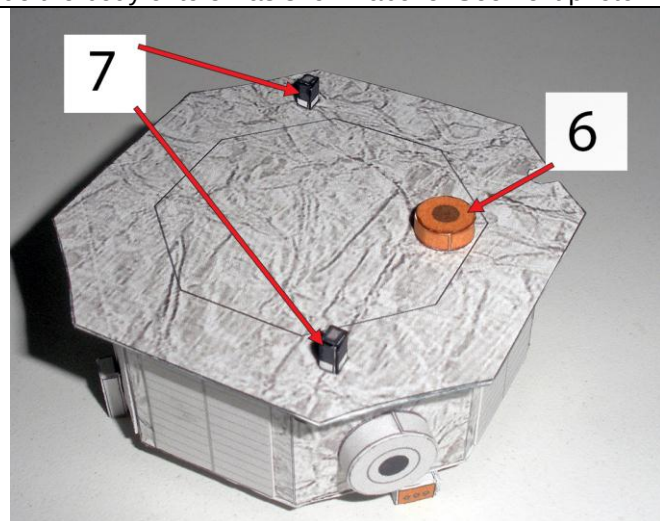
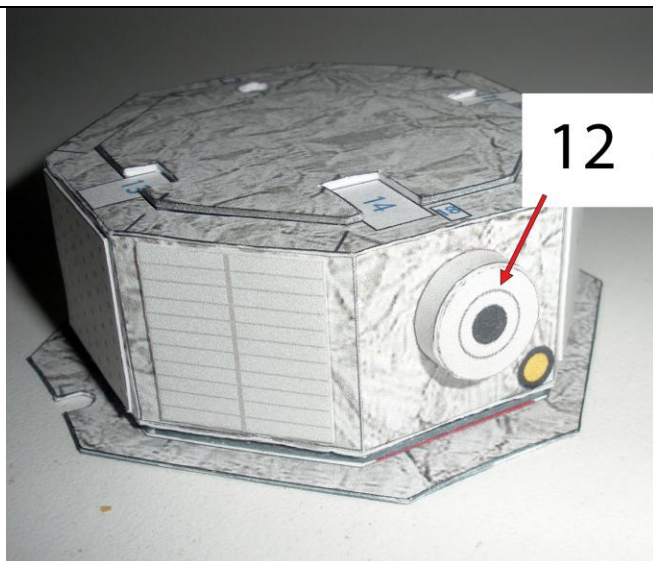
1/20 Scale Paper Model Instructions



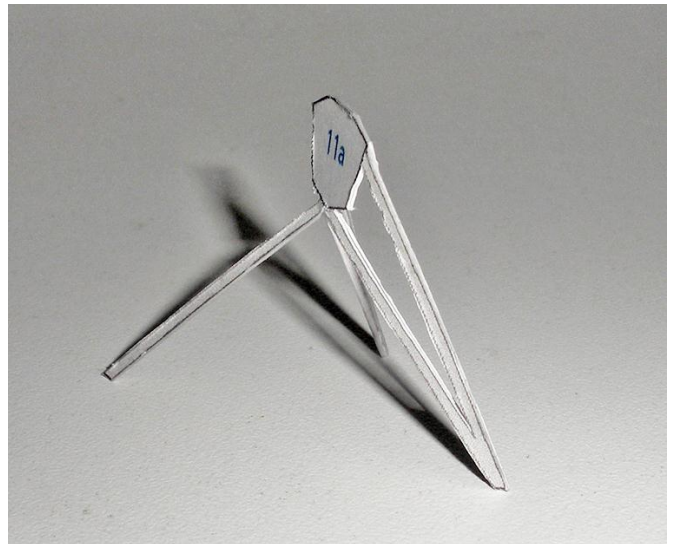
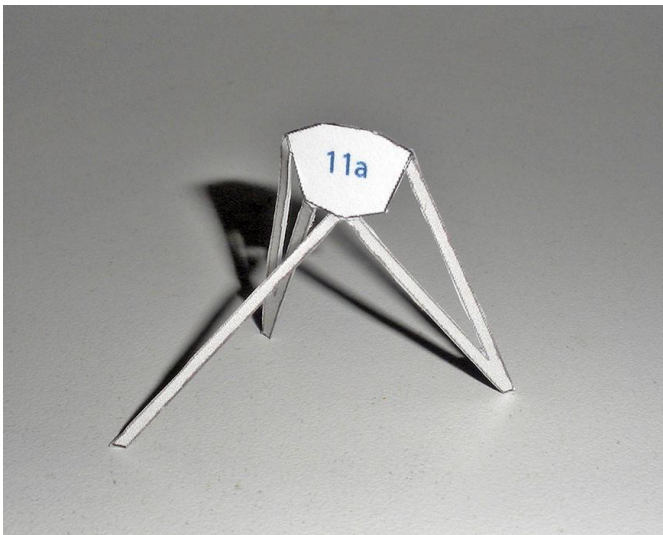
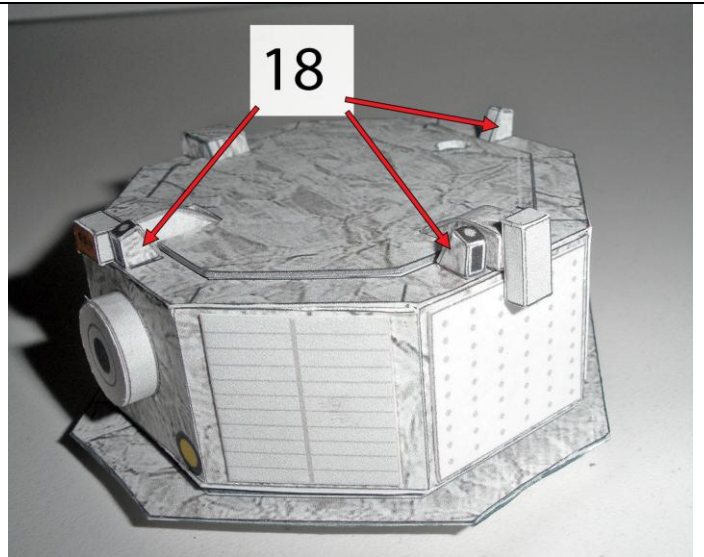
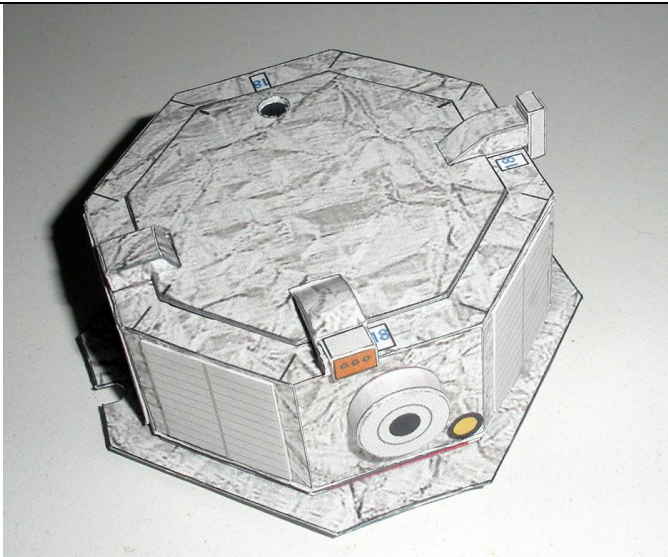
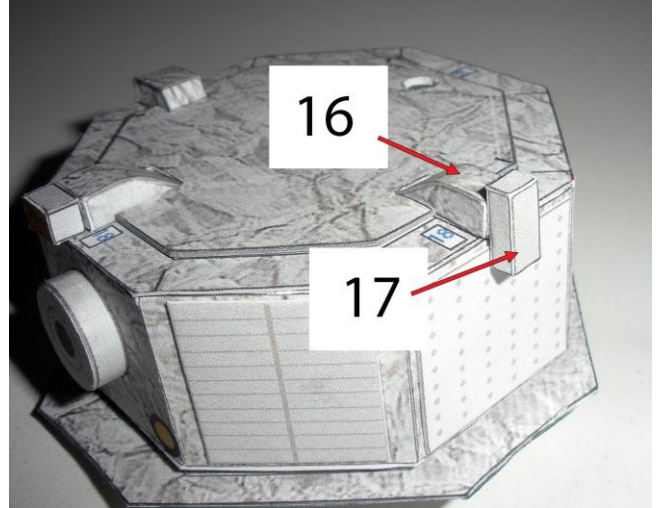
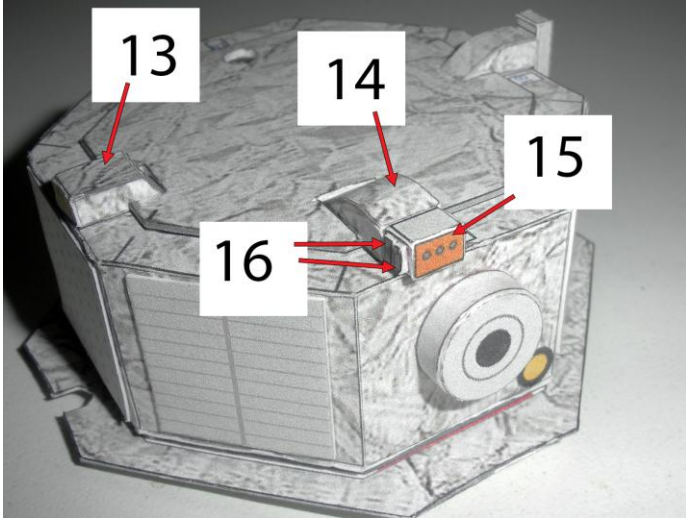
NOTE: may notice some small differences between the test build in this manual and you model.

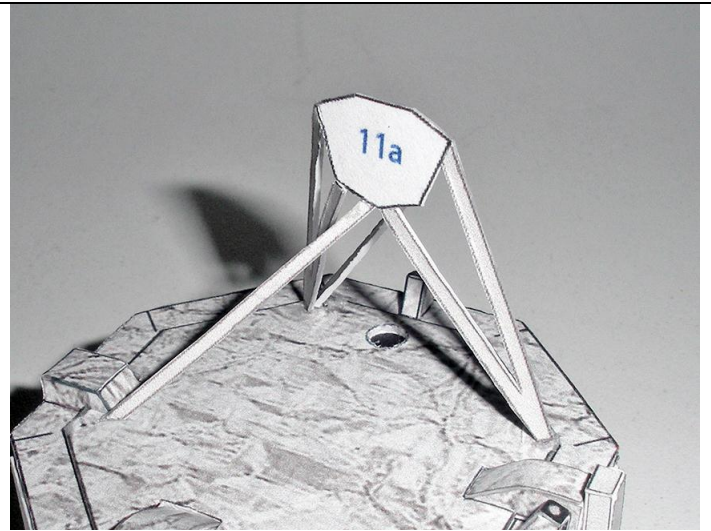
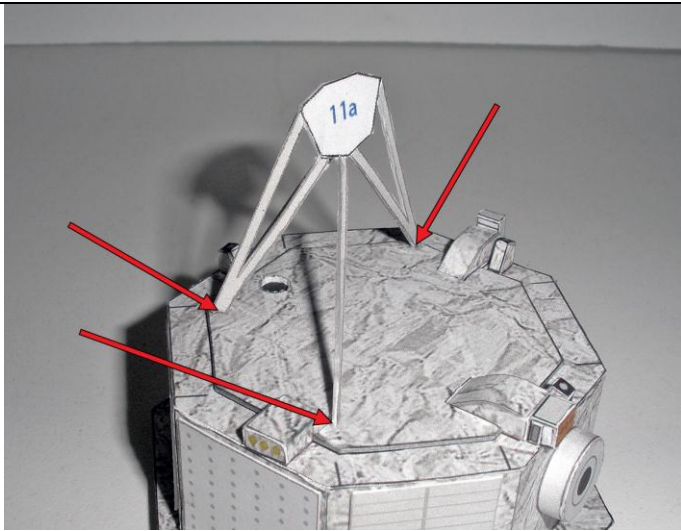


Glue **5a** to **5** while matching the two red markers.
Glue the body onto 5A as shown above. See next photo

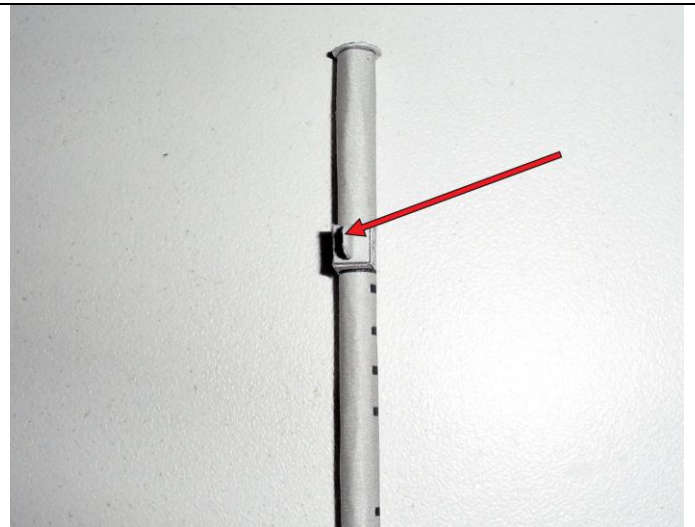
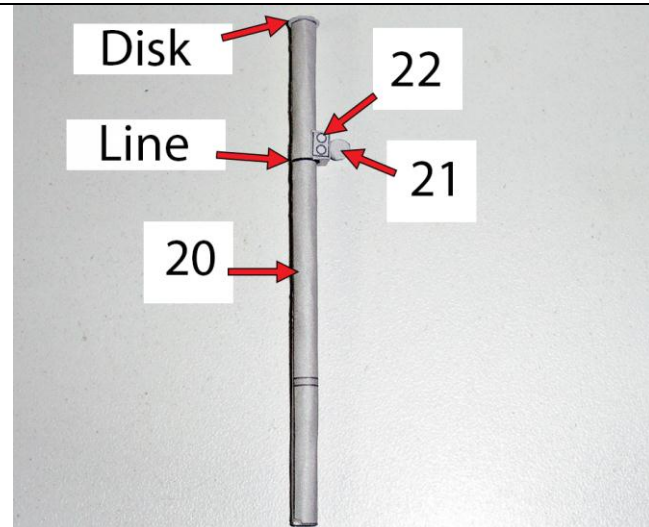


Glue these to the marked areas on the bottom.

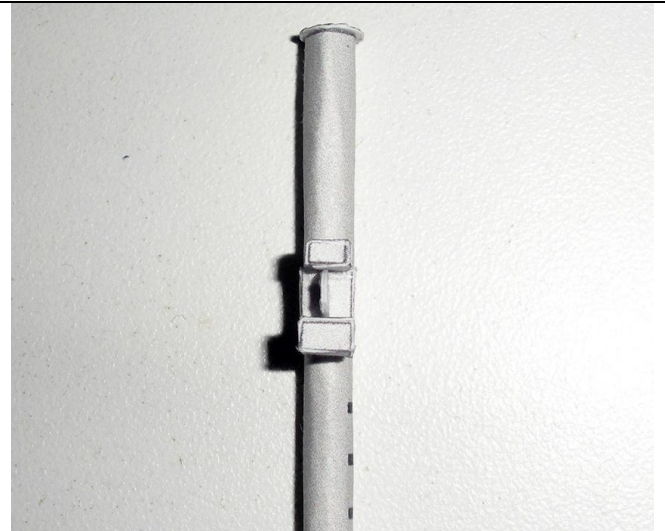
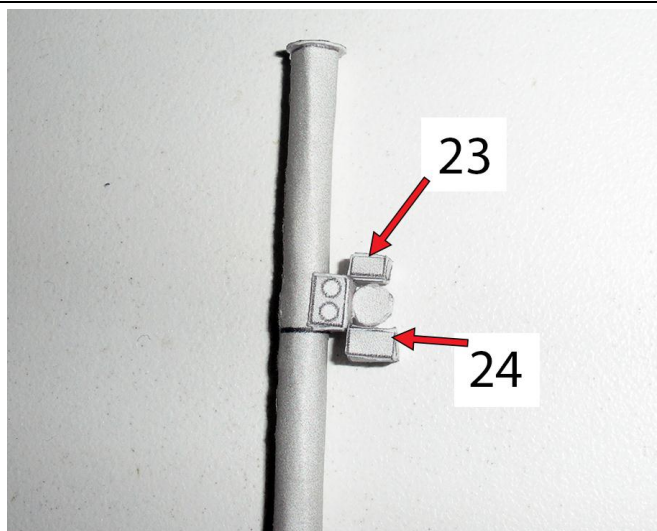


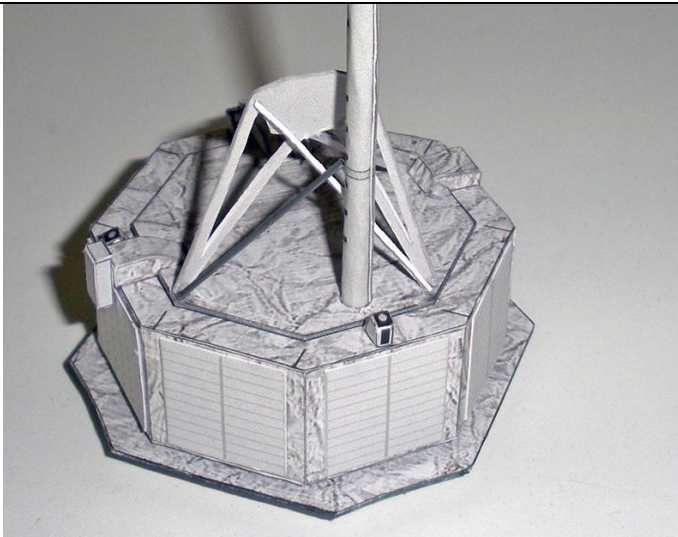


Glue the legs to the three black lines as shown

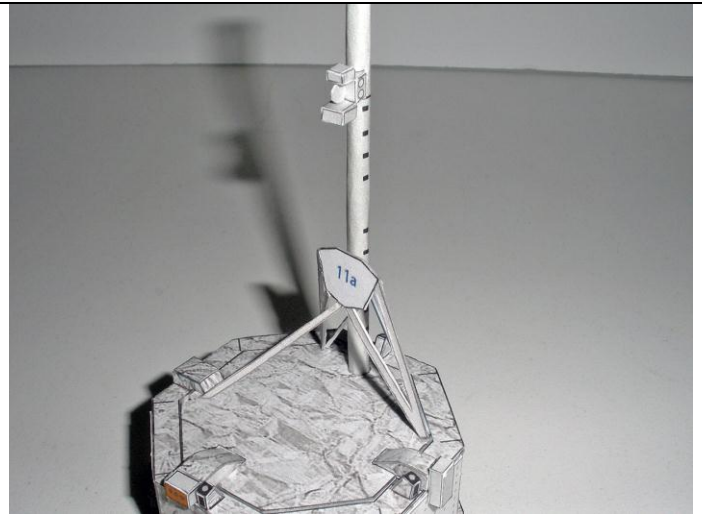


Can use a 3.5 mm ball instead of 21 for realistic look
Glue 22 to the short line on the pole. Glue 21 to the line on 22

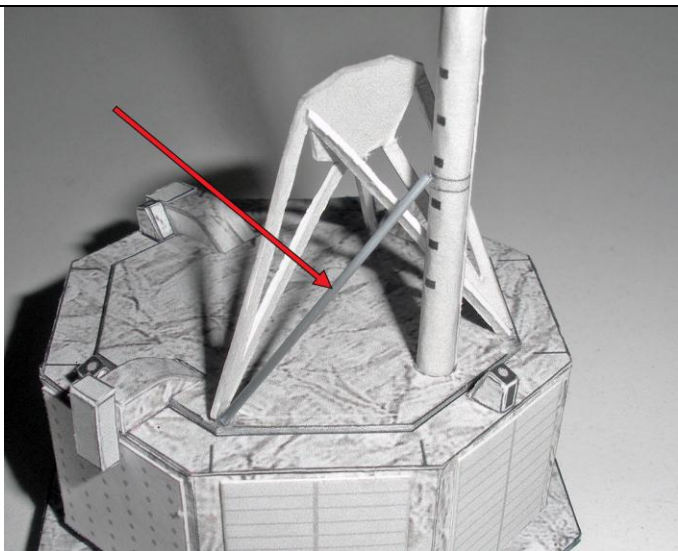




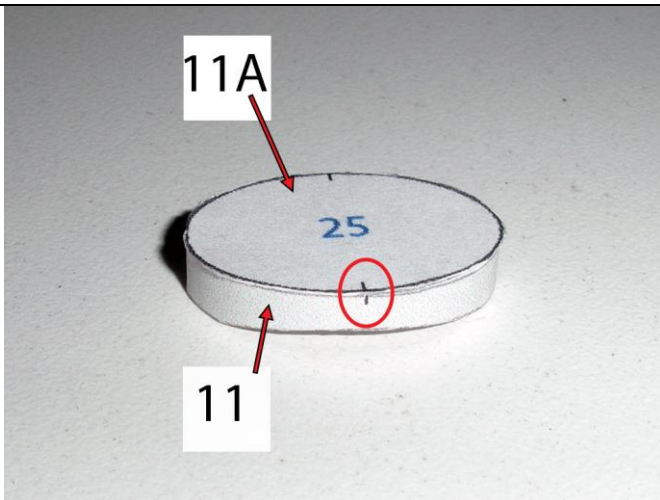
Glue into the hole you cut into part 19 at the beginning.



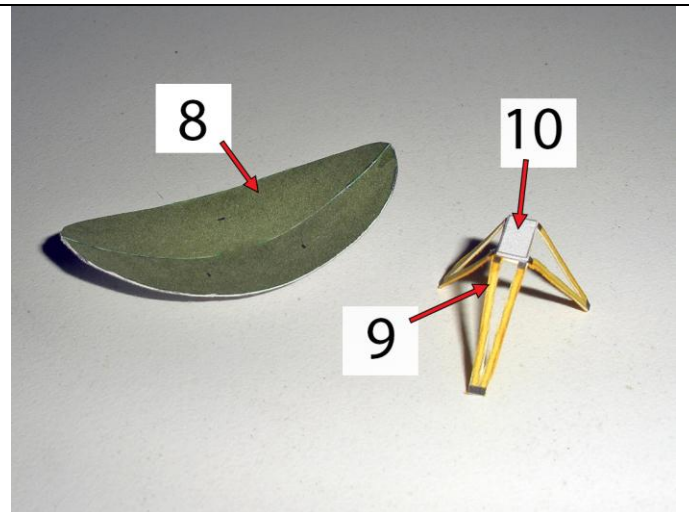
Note the position of parts 12-24



Prepare this according to the instructions of p[age 3 of the parts file. Glue as shown



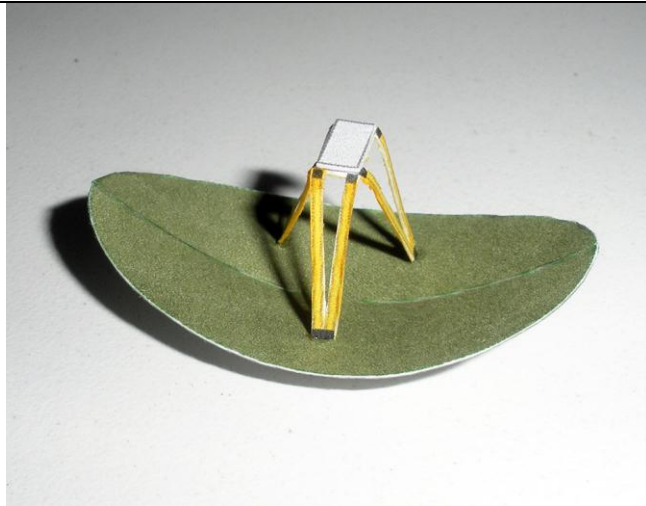
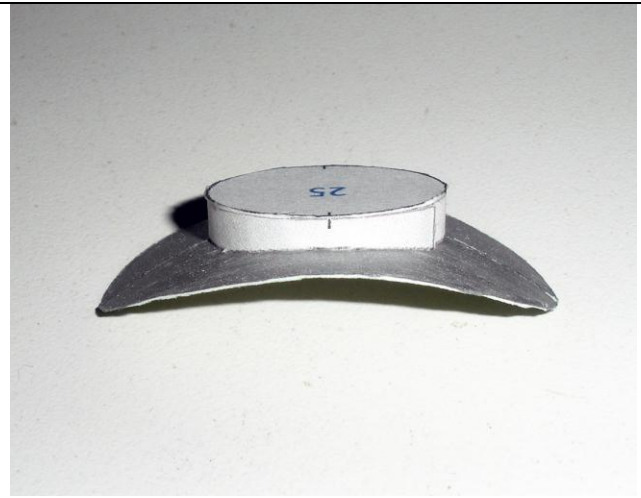
Match the lines on the two parts.



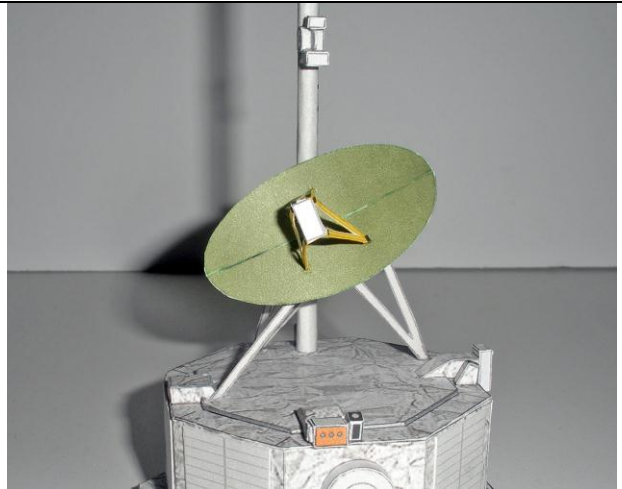
Glue **10** onto top of **9**



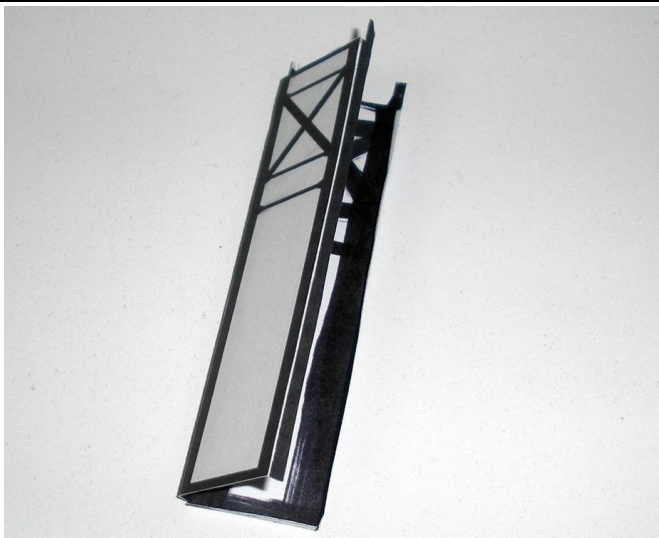
Glue to the back as shown



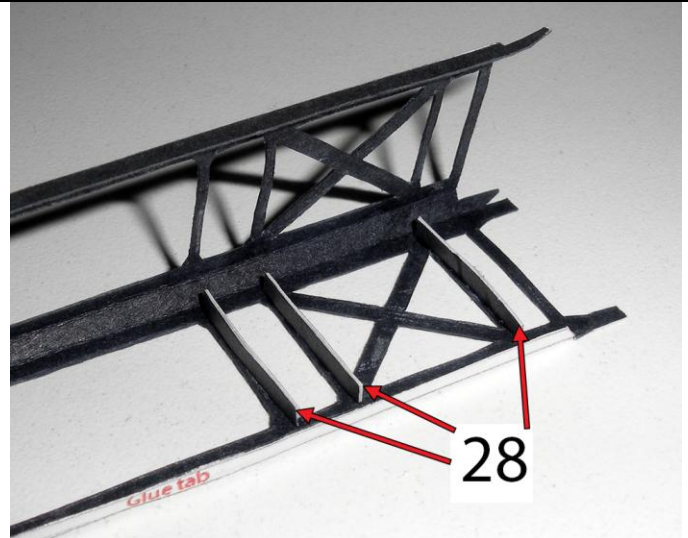
Glue to the three markers on the dish as shown.



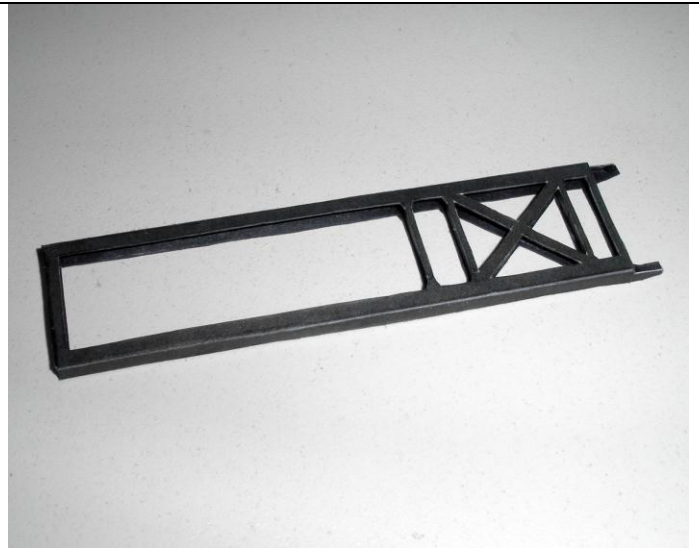
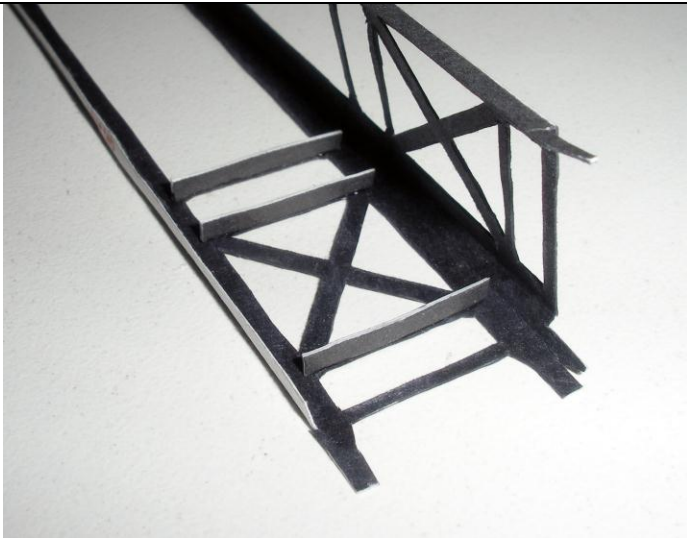
Mount to the rack either as shown or more parallel with the body.



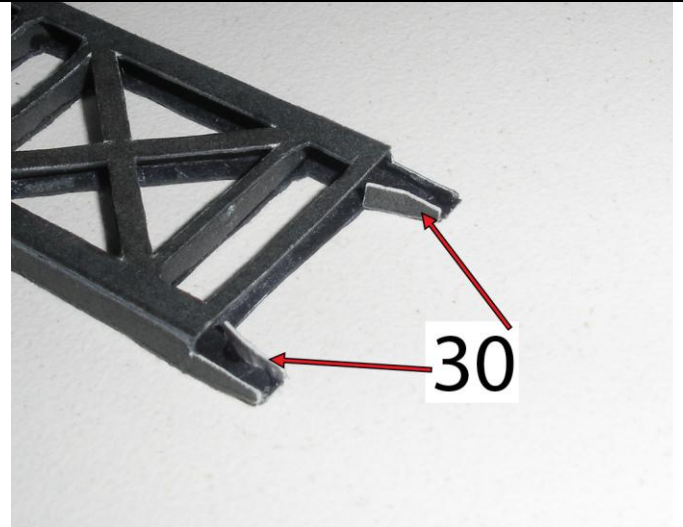
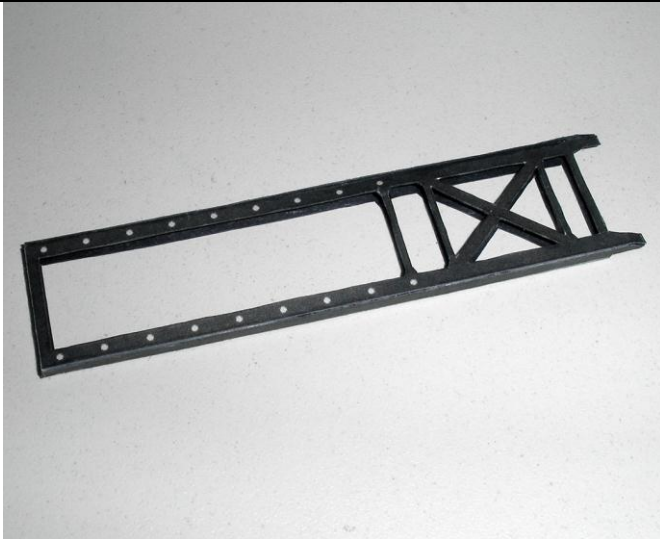
The next few steps are delicate and requires patience.
Do these steps better results...
 Cut out parts 29. Color back side black.
 Fold into a long rectangular box including the glue tab –
Do not glue yet. Color the white lines along the fold areas



Unfold and cut out the white areas. Glue in **parts 28** as shown. Parts 28 will not reach from one side the to other for better folding to a box – see next photo.

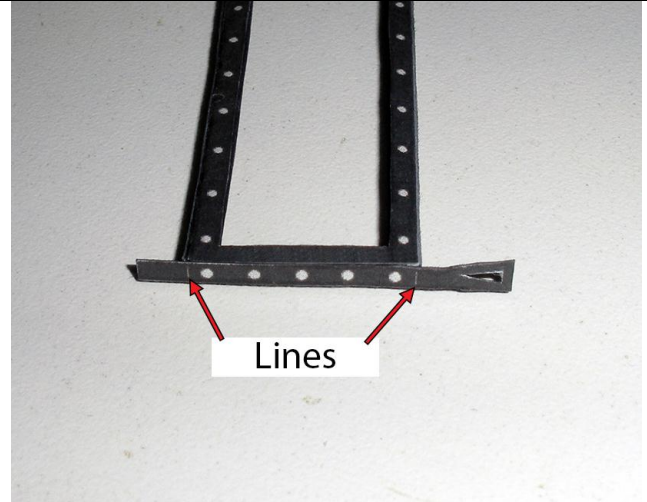
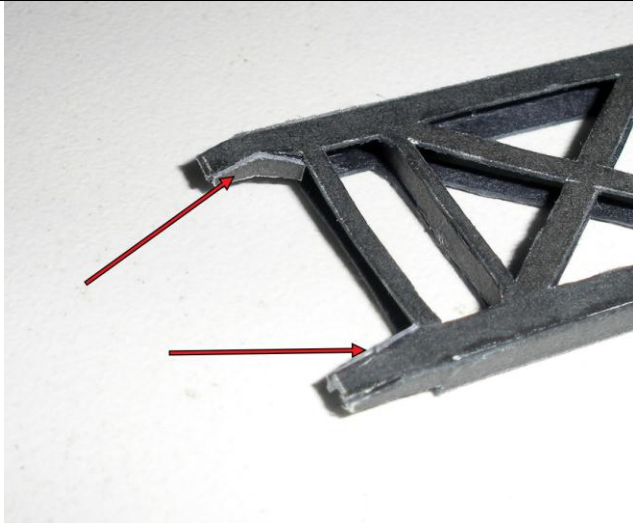


Fold back into the long rectangular frame and glue together. Make four of these.



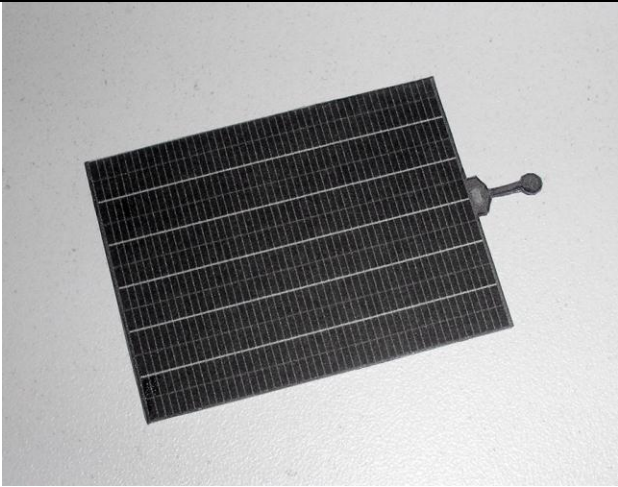
Top of the frame

Glue parts 30 as shown. This will add to the completeness of the frame but also add strength when gluing to the body.

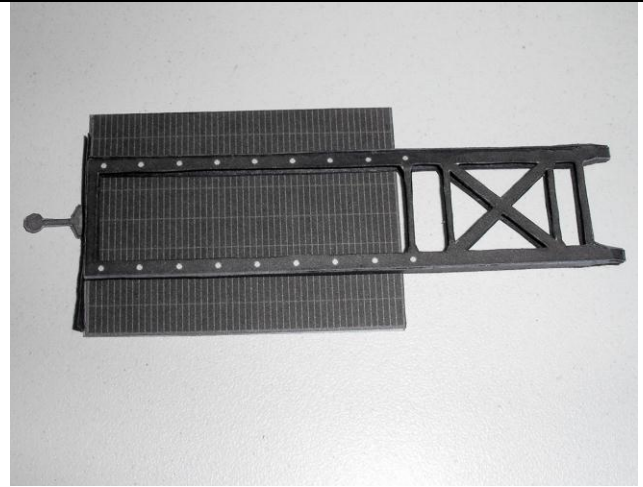


Lines

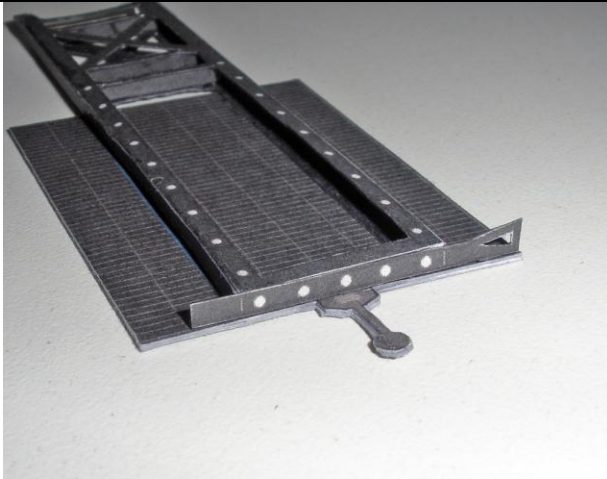
Glue **part 31** to the other end as shown. Match the two lines on 31 to the frame. The angled end on 31 towards the right and the top of the frame (grey circles) facing up.



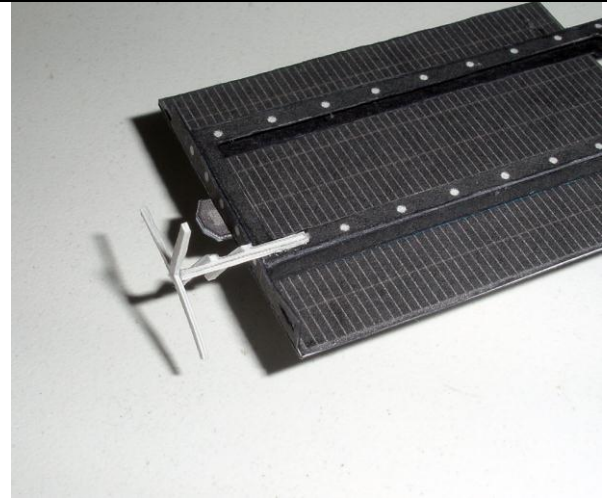
Fold-glue back-to-back...make four of these. This is the front side of the solar panels.



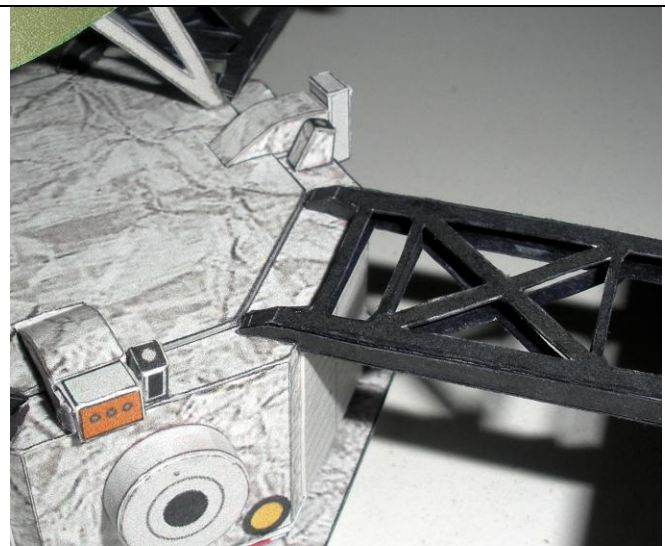
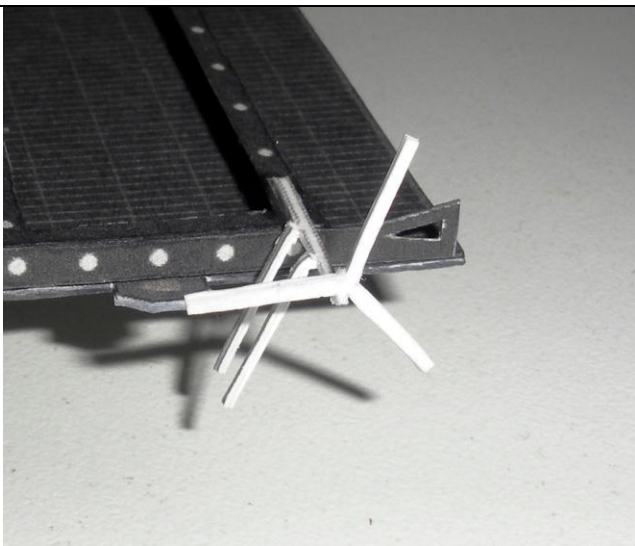
Glue the bottom of the frame to the blue lines on the backside of the solar panels as shown. Make four of these.



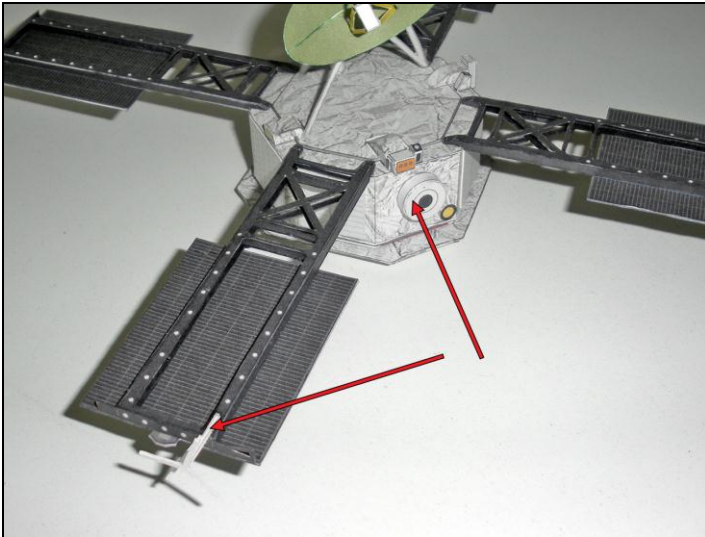
Another look.



This is for panel 27X – Cut out part 32, fold as shown and glue to the white line at the end of the frame. Add some glue where the long stem meets at the tripod area for strength. Fold down the two other straight bars – see next photo.



Use super glue – Add plenty to the bottom of the angled end of the frame and glue to the two lines on top of the body as shown. See next photo.



The frame with solar panel 27X and part 32--- glue to the side located to the left of the camera (red arrow).

The unique aspect of this spacecraft is that the solar panels are mounted up-side-down.

Your model is done.

