

Hitomi (Astro-H) 1/45 Scale Assembly Instructions



NOTE:

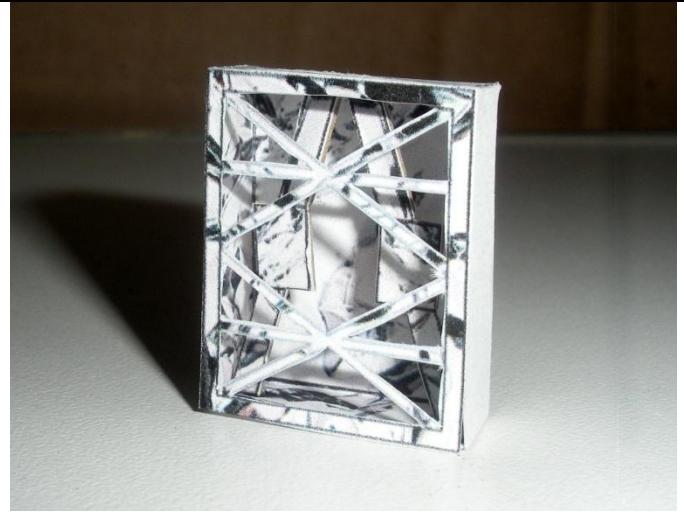
The satellite was called Astro-H before launch on Feb 17, 2016. Since then, the name was changed to Hitomi.



Cutout light blue areas on **Parts 1 and 5**.

Optional: Paint grey rectangles silver for realistic look.

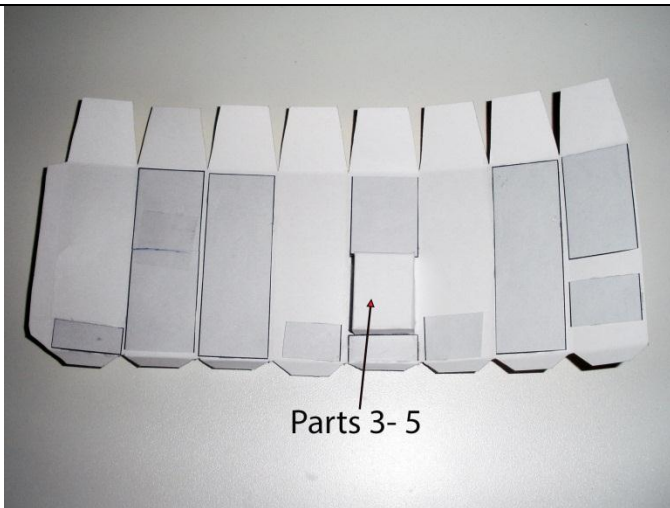
NOTE: Save the small orange rectangle from the area 2nd from the left.



Assemble Parts 3 – 5 shown above. **Part 3** is folded with color inside.

NOTE: This pic shows assembly with 2 internal parts (**Part 4**) which is correct. The following pics will show it with only 1. A mistake was made during the first model build and don't catch this until it was complete.

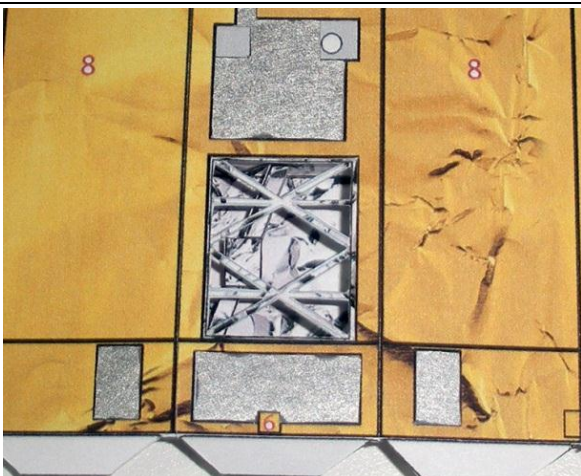
Part 4 is glued half way into the box (**Part 3**).



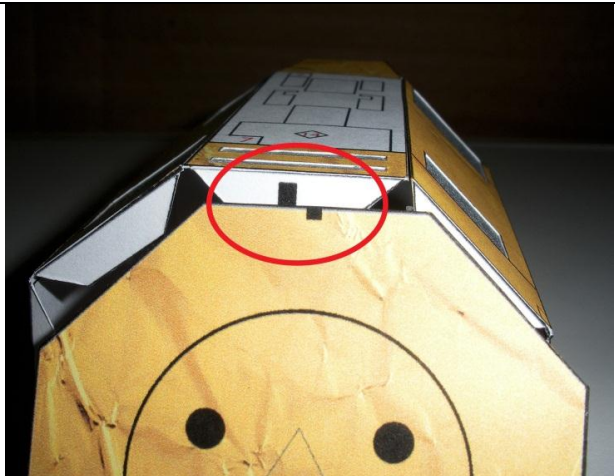
Glue painted grey strips over the cutouts. Note location of 3 – 5 assembly.



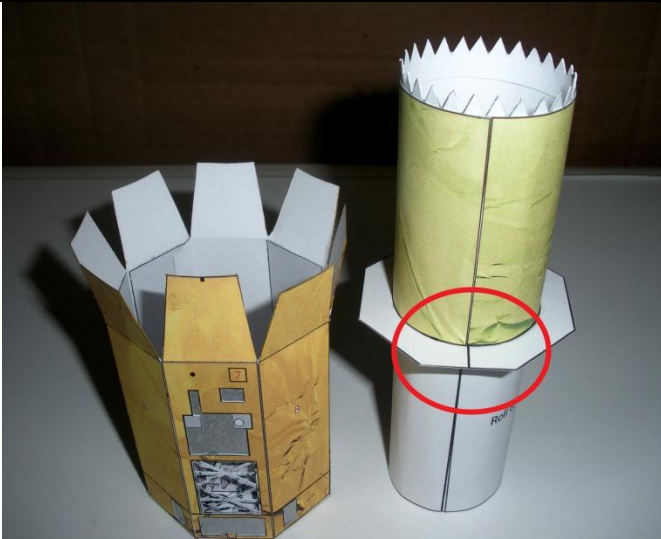
Glue the small orange rectangle you saved as shown.



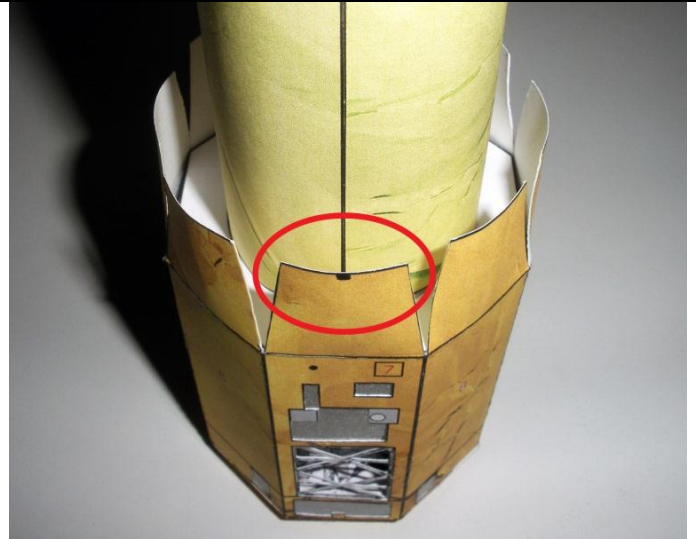
Parts 3 – 5 located between the 2 areas marked '8'.



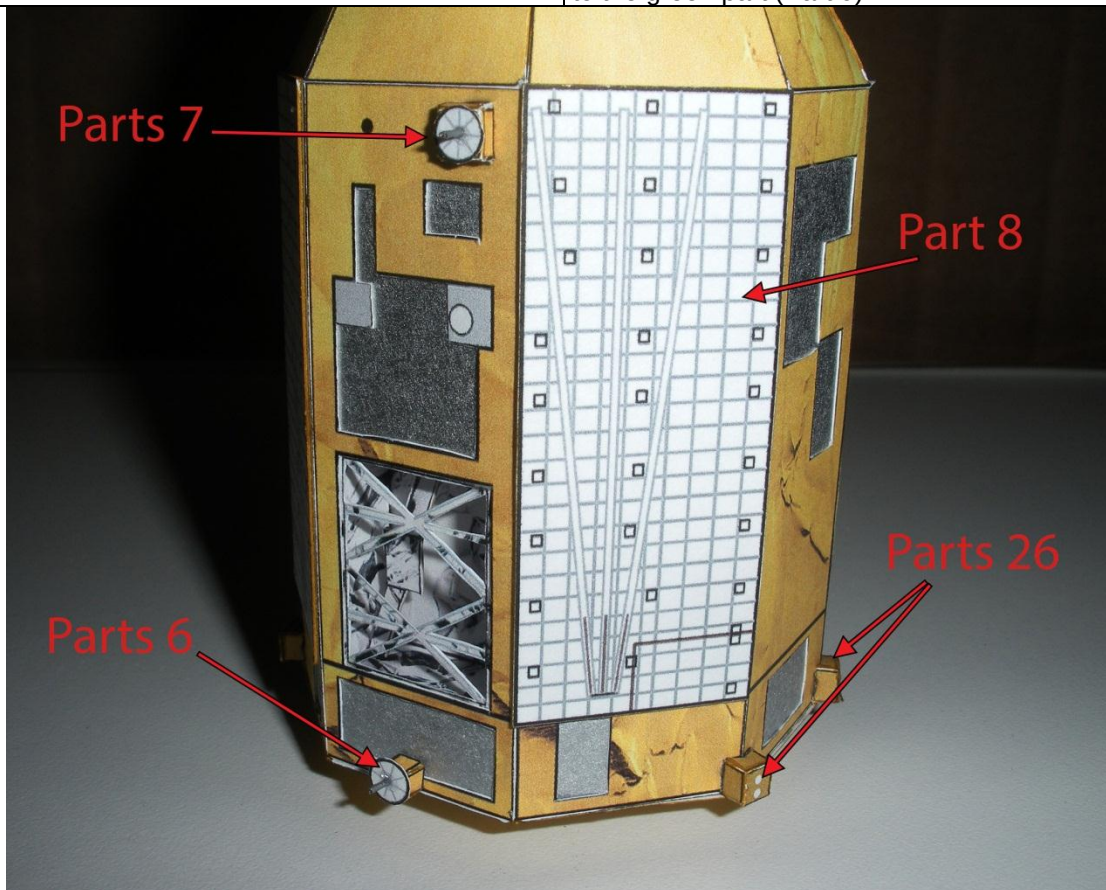
Glue **Part 13** to the bottom, **IMPORTANT**, match the **2 small black squares** for proper orientation.



Roll **9** into a tube, glue on top of **12** match seem of part 9 with the line on top of part 12. Glue 10 on the bottom.



Slide into the main body. **Align the seem of part 9 with the small black square** as shown for proper orientation. Curve the tops of the main body (8 total) Glue one at-a-time to the green part (Part 9)

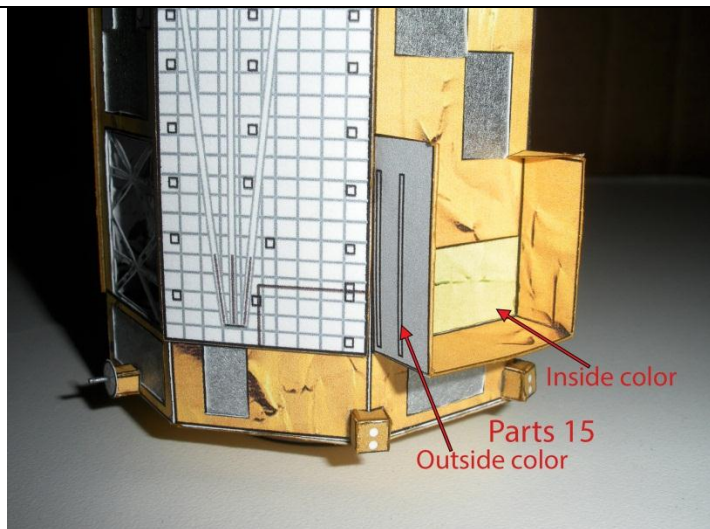


Assemble **parts 6 and 7**, glue on the square graphics on the model as shown. **Optional**, cut plastic broom straws painted silver or grey about 3 mm long and glue in the middle of 6 and 7 for more detail.

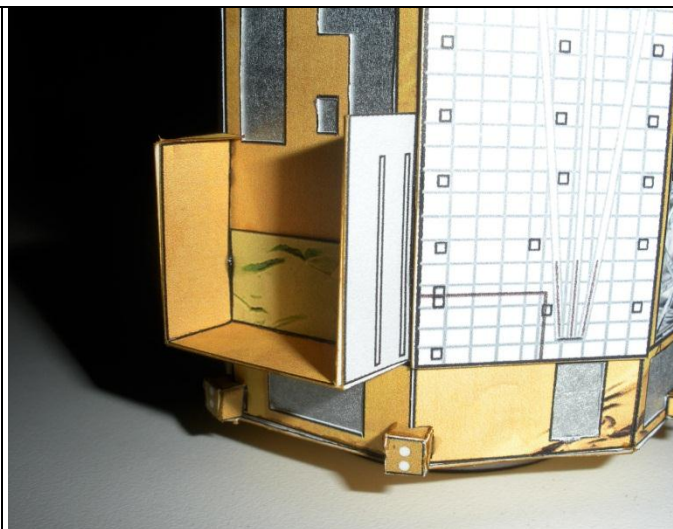
Glue **Part 8** on the area marked '8' as shown, **note the location 3 long rectangle pattern**. Do the same on the other side.

Fold and glue **Part 26** onto the small square graphics on the bottom as shown, there are 4 of these. The other 2 are located on the opposite side of the body.

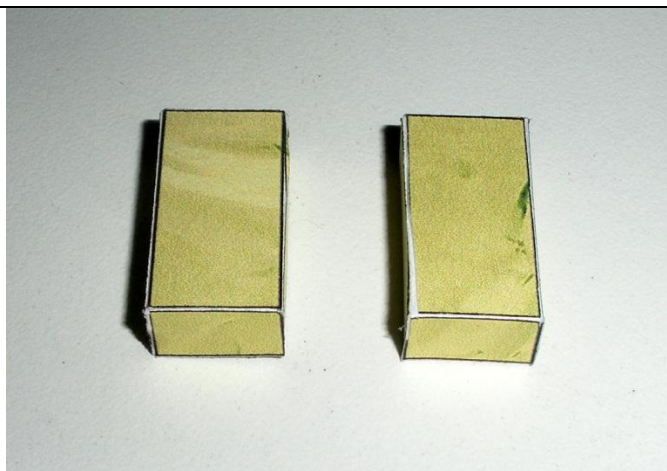
Color **Part 11** black. Roll to a ring and glue to the circle on the bottom of the spacecraft.



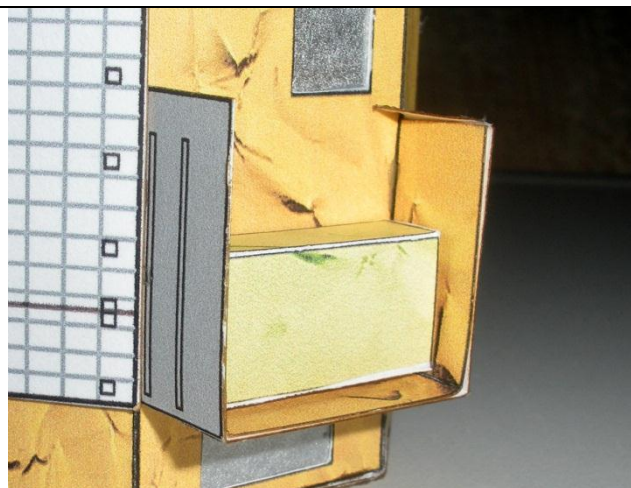
Assemble **Part 15** together and glue in location as shown. Note the location of the grey area with the 2 lines.



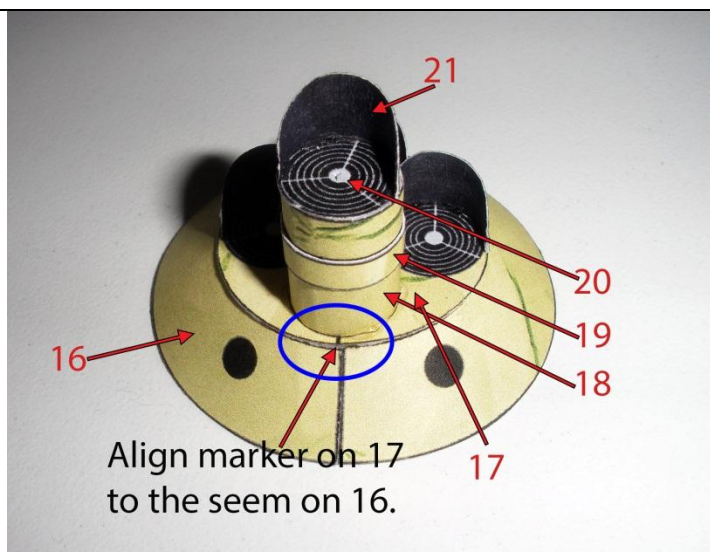
Other side.



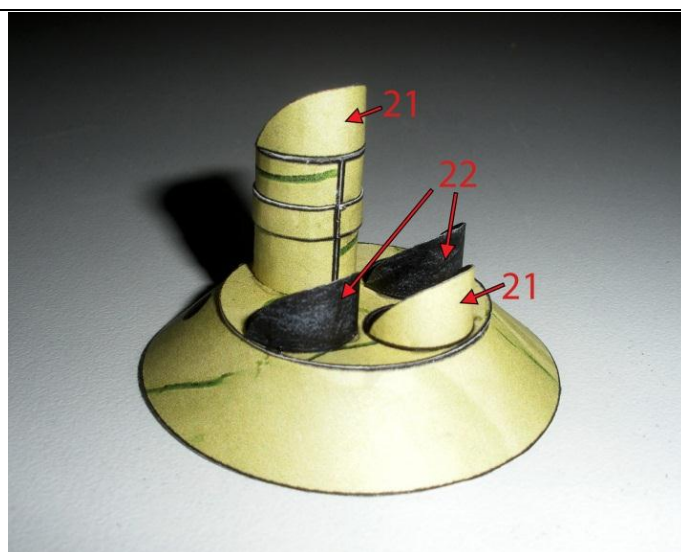
Fold **Parts 15a** into a box.



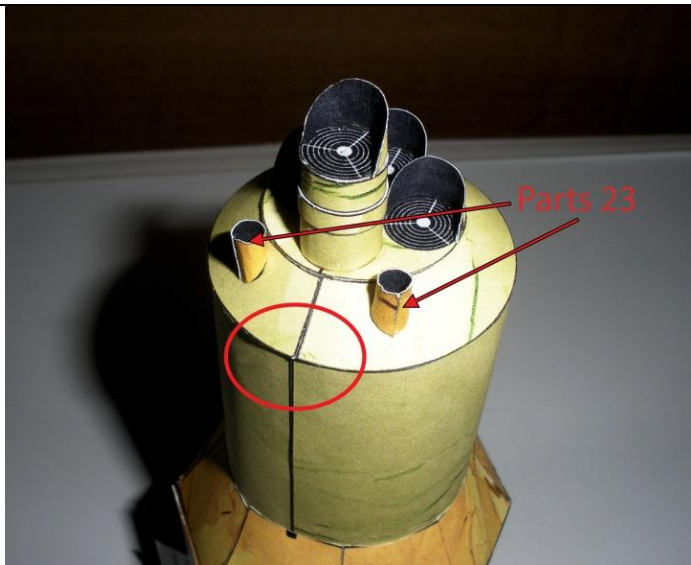
Glue into Part 15 assembly as shown.



Color other side of **Parts 21 and 22** black. Glue **17** on top of **16** conic.
Match the line of 17 to the seem of Part 16. 19 is wrapped around **18** tube, glue **20** on top.

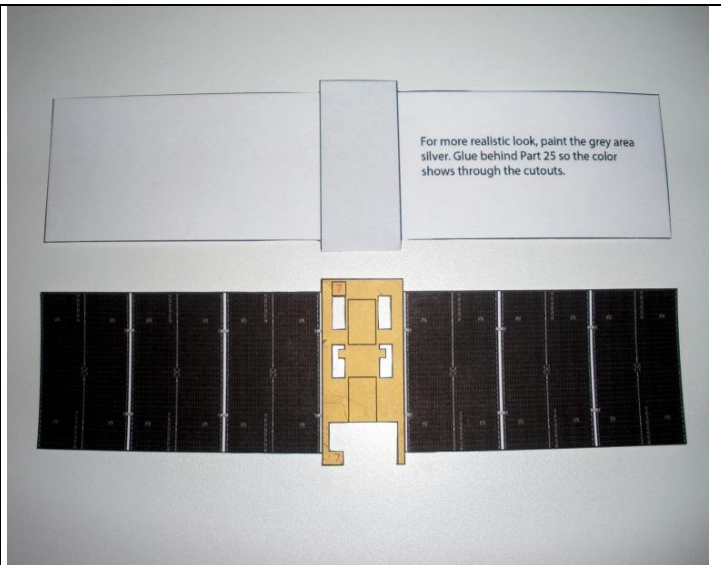


Glue **Parts 21 and 22** as shown. Note the colors.



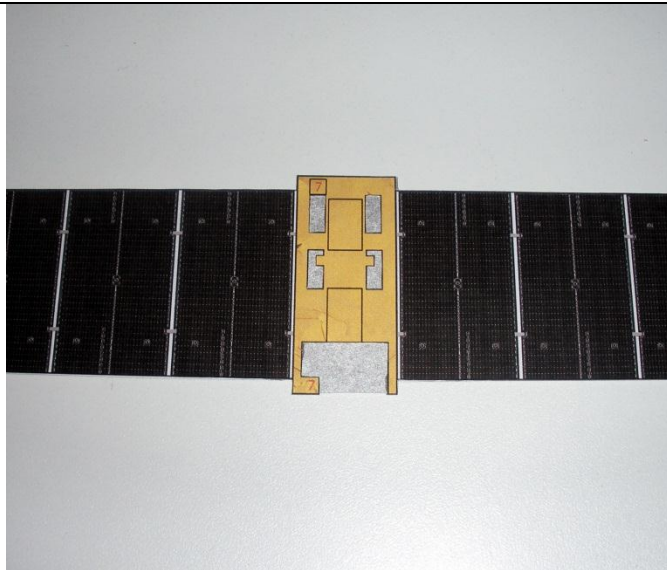
Glue this on top of the spacecraft. Match the two seems indicated by the circle for proper orientation.

Roll and glue **23** on the two black circles, they should stand straight up.

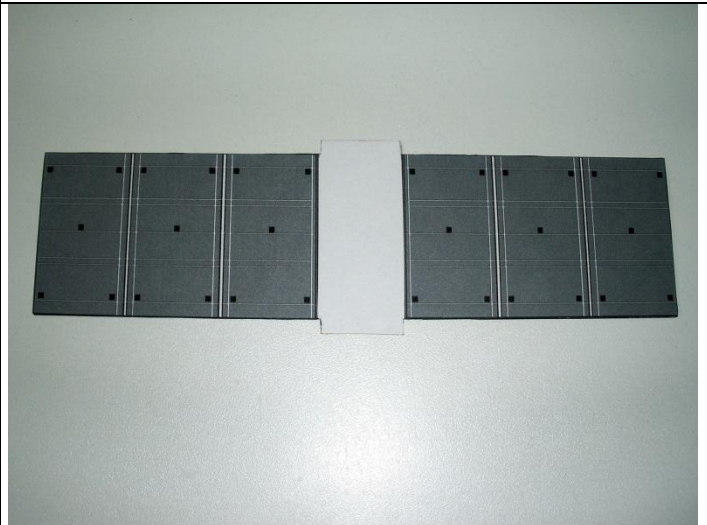


Part 25, cut out the light blue areas.

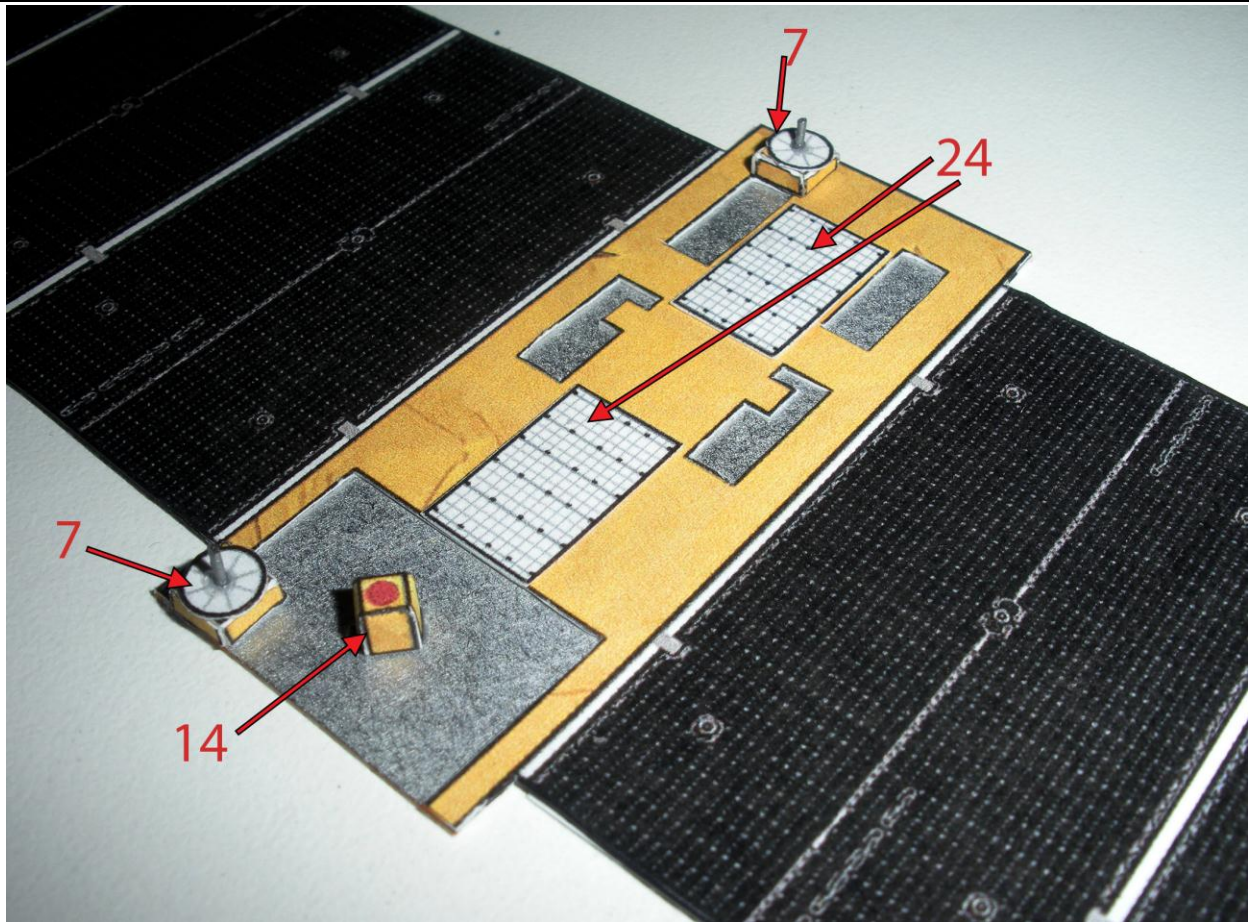
Part 27, paint grey area silver for realistic look to match the rest of the silver patterns on the spacecraft.



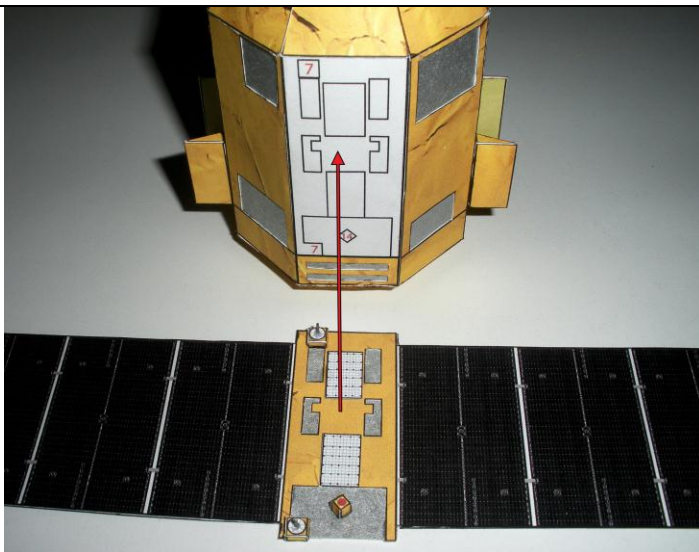
Glue 25 to backside of **27** so the painted areas shows through the cutouts.



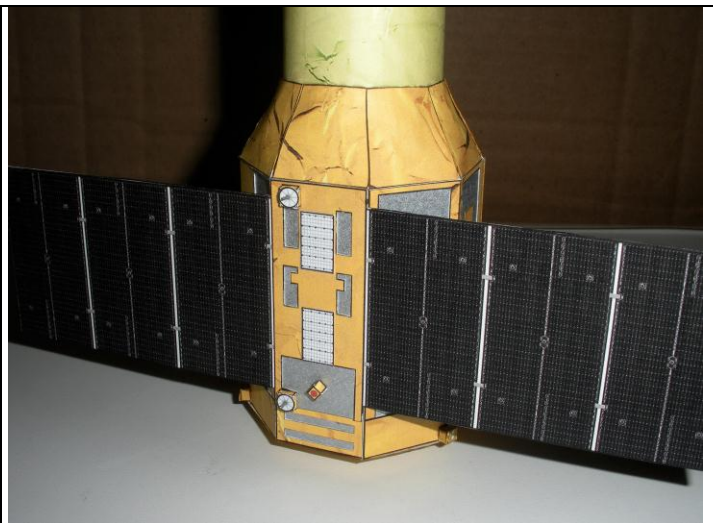
Glue 28 to backside of 25 – 27 assembly. The white lines close to the edge goes towards the middle.



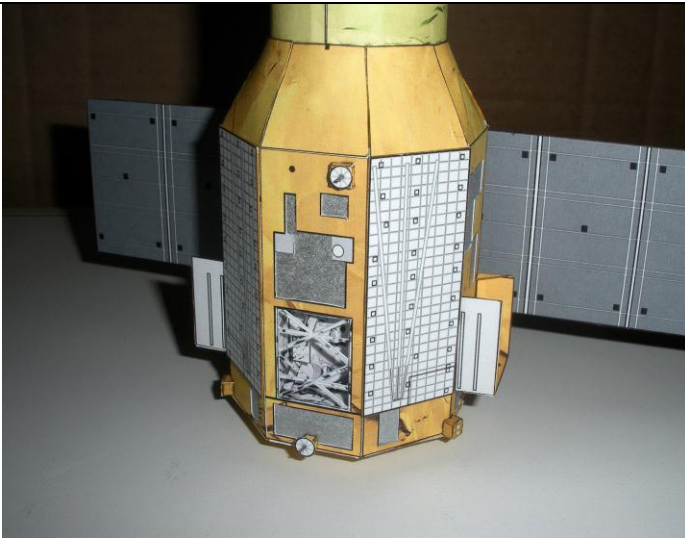
Assemble **Parts 7** on the square graphics on the model, for more detail, glue plastic broom straws colored grey to the middle. Fold and glue **14** as shown. Glue **24** in the rectangle graphics as shown.



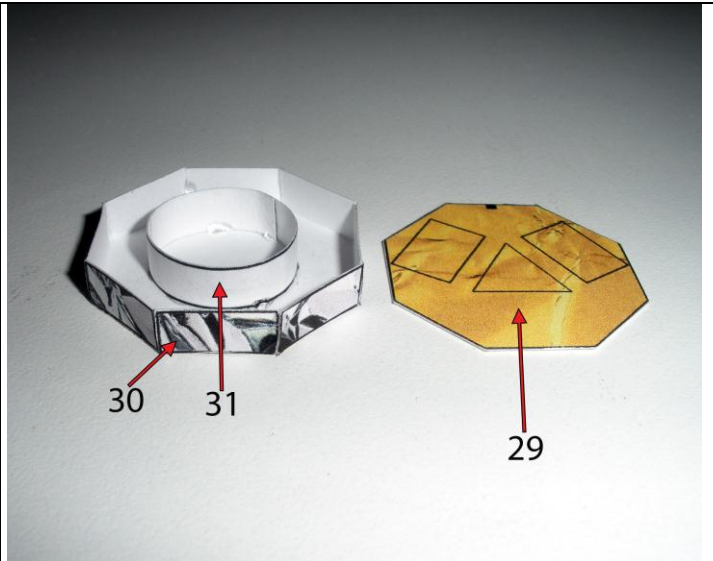
Glue this to the white area, see above.



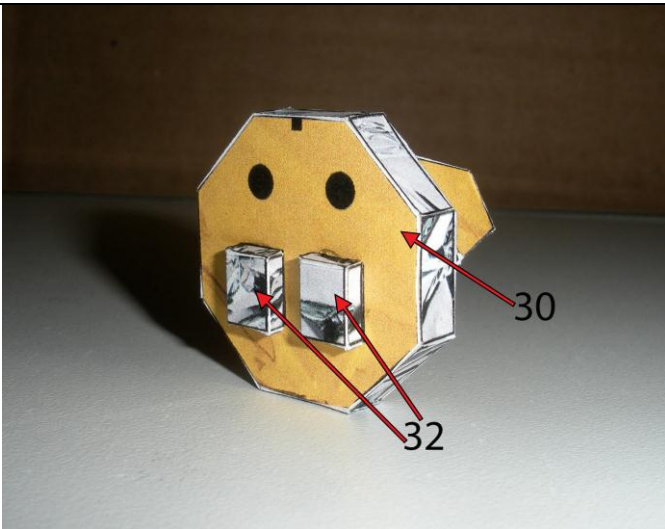
The main body is complete.



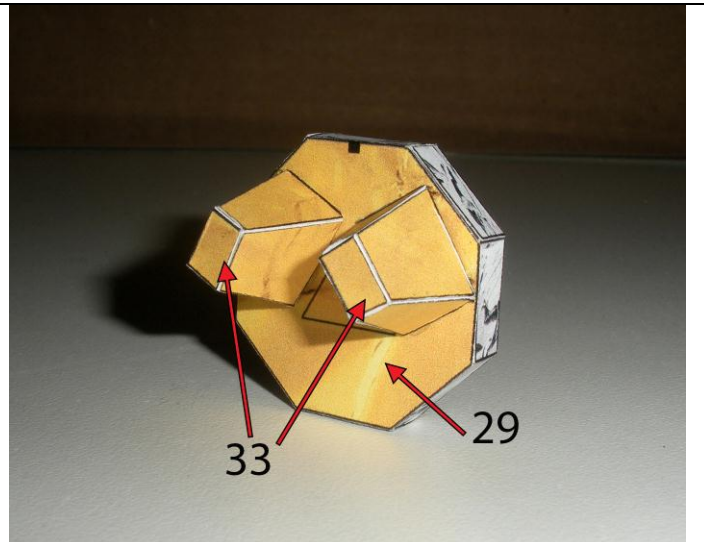
Opposite side.



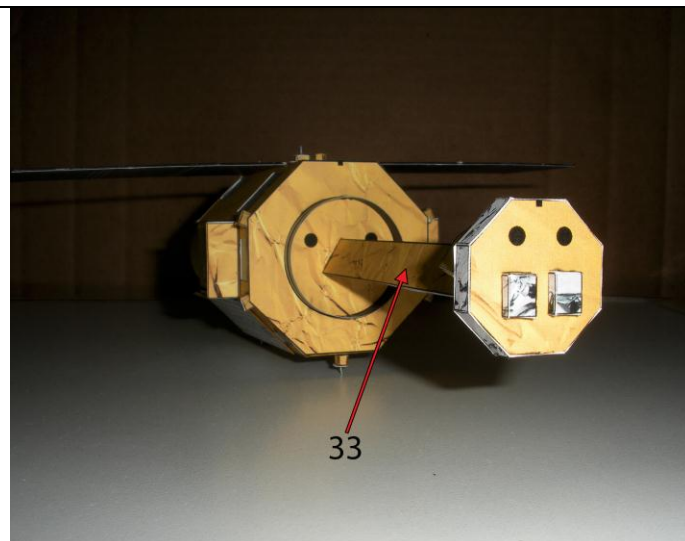
Prepare the parts above. **31** acts as a re-inforcement.



Fold and glue **32** on the square graphics shown.



Fold and glue **33** on the square graphics on the other side.

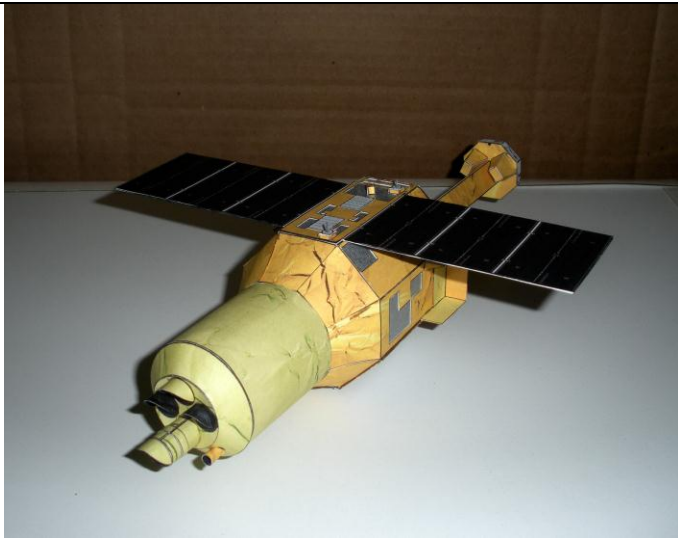


Fold and glue **33** onto the triangle graphic on the above assembly.

Glue the other end to the triangle graphic on the bottom of the spacecraft.

The two small circles must be positioned in relation to the spacecraft as shown for proper orientation.

Congrats, your model is complete – enjoy.



Completed model

