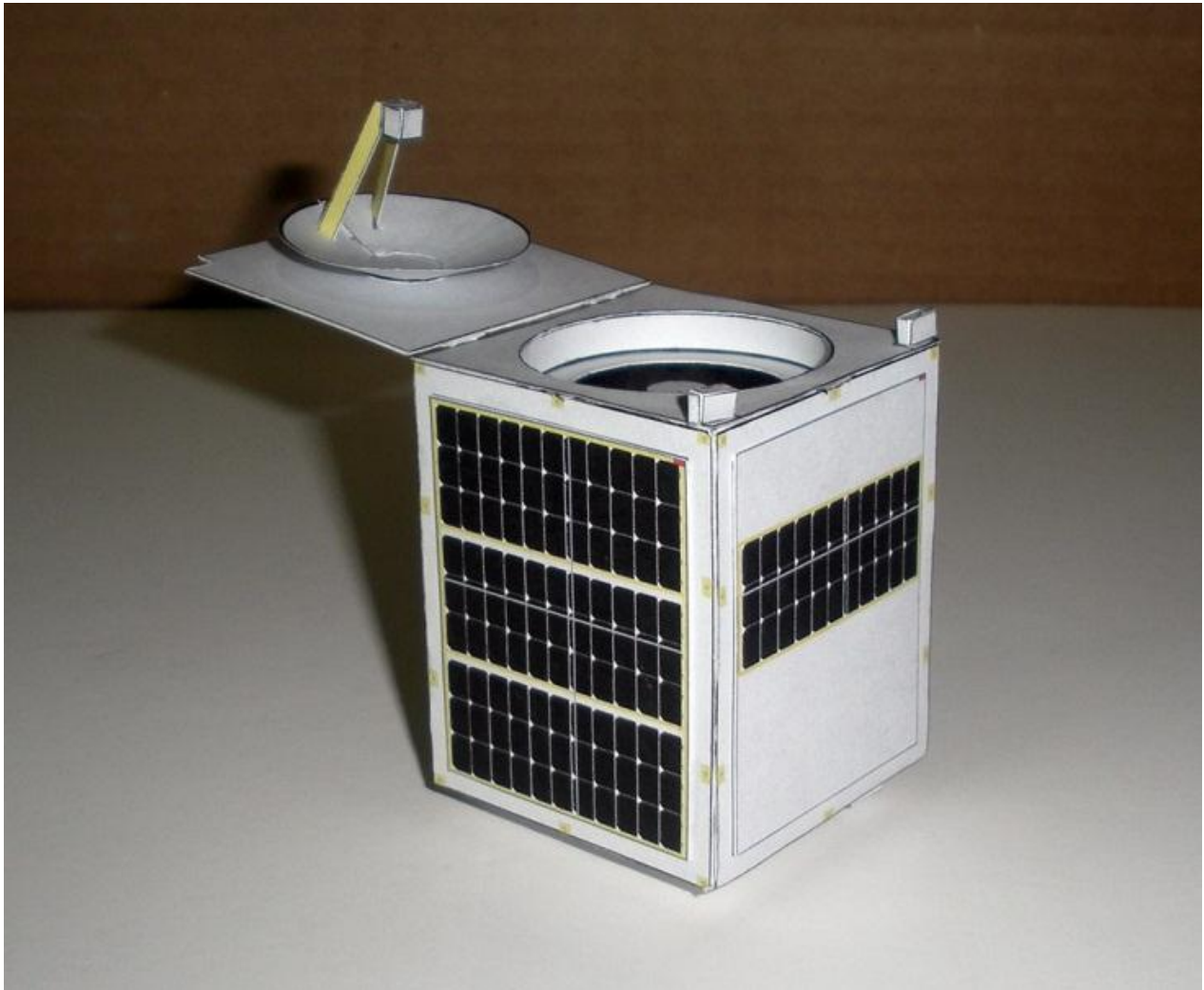


SkyBox (SkySat) Imaging Satellite

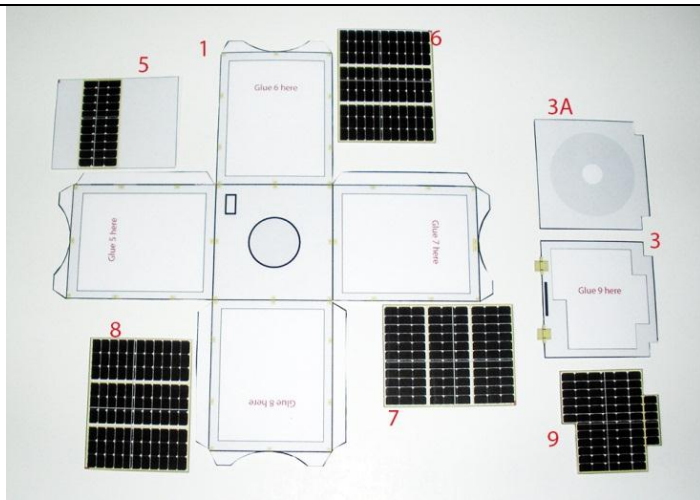
1/16 scale paper model instructions

By Glenn A

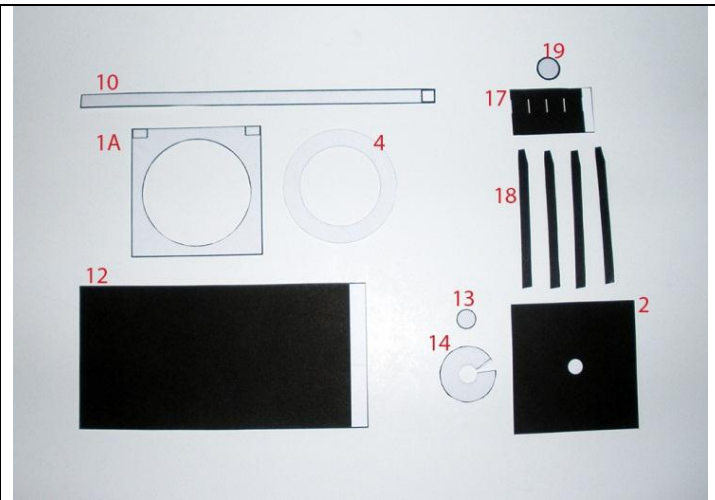


You will notice some small differences between the model in the pictures and the one you're building due to some needed adjustments.

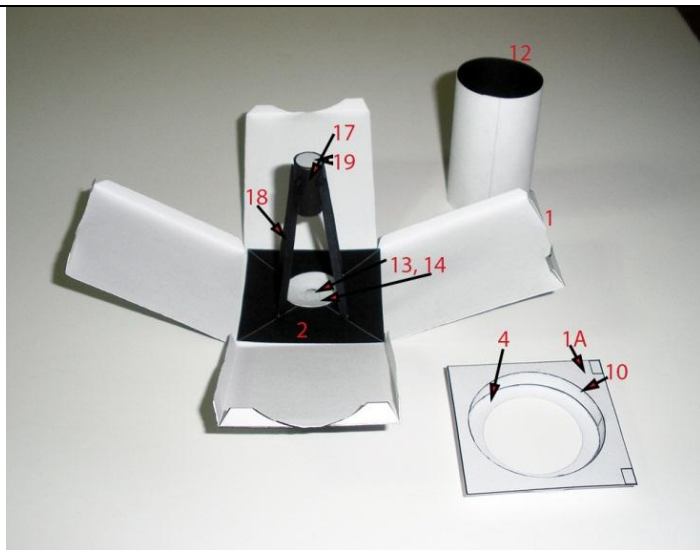
The model is based on artist's drawings and pictures of the satellite while it's being built by the engineers.



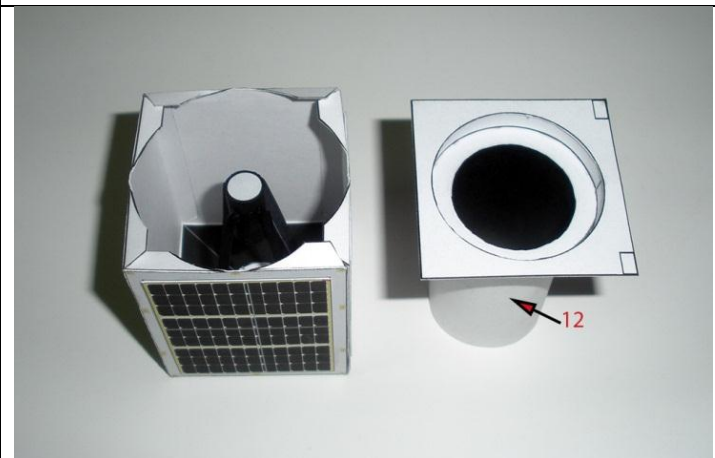
Prepare the above parts. Glue the solar panels onto the indicated areas on the main body.
The SMALL RED MARK on the upper right of the solar panels indicates the top.
Glue 3A to the back of part 3 matching the corner notches.



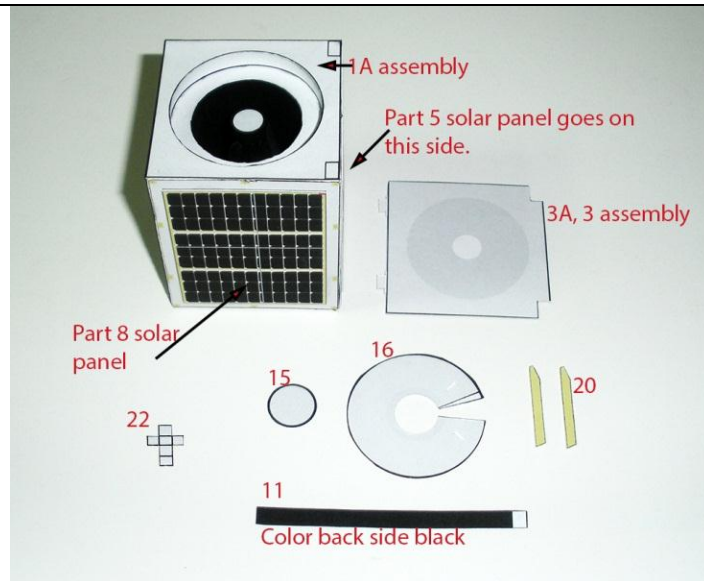
Roll 10 into a ring – color inside.
Remove the center from 1A and 4.
Roll 12 into a tube with color inside.
Glue 18 onto another layer of cardstock, color back and edges black.
Roll 17 into a tube and glue 19 on top (4 white lines towards the top).
Glue the 4 legs (Part 18) onto the white lines on 17.
Glue 14 into a shallow dish and glue 13 to the outer bottom.



Glue 13, 14 dish assembly on the white circle on part 2.
Glue 17 – 19 assembly above the dish, matching the legs to the “X” pattern on the bottom (this is important).
Glue this assembly to inside the main body shown above.
Glue 1A, 4 and 10 shown above.



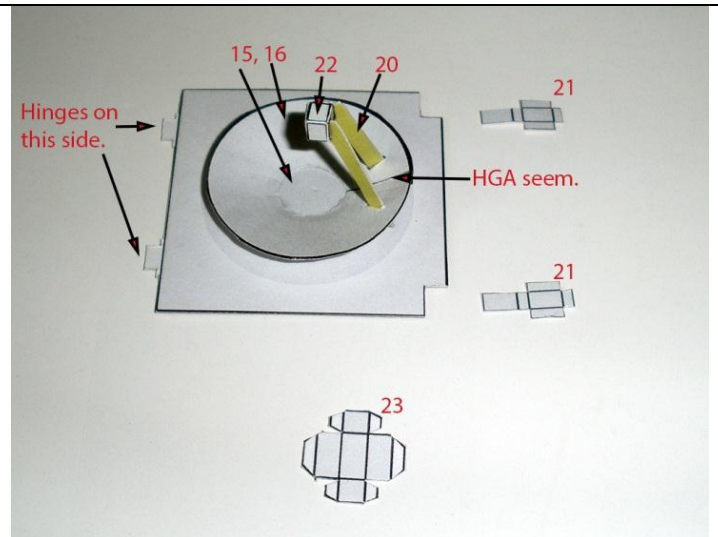
Glue the box together,
Glue 12 to the bottom of the 1A, 4 and 10 assembly shown above.



Glue the 1A assembly to the top of the main body (see above)

NOTE: The two corner rectangle graphics on the 1A assembly goes to the SAME SIDE as SOLAR PANEL 5 (See picture on the bottom right on this page). Color backside of 11 black and glue into a ring. Glue 20 to the BACK SIDE of the gold square. Fold 22 into a box.

Cut out the two slits from 16 and glue 16 into a shallow dish (HGA) and glue 15 to the outer bottom of the HGA.



Place the lid with the backside facing up.

Glue the HGA to the white circle (Try to center the HGA as good as possible).

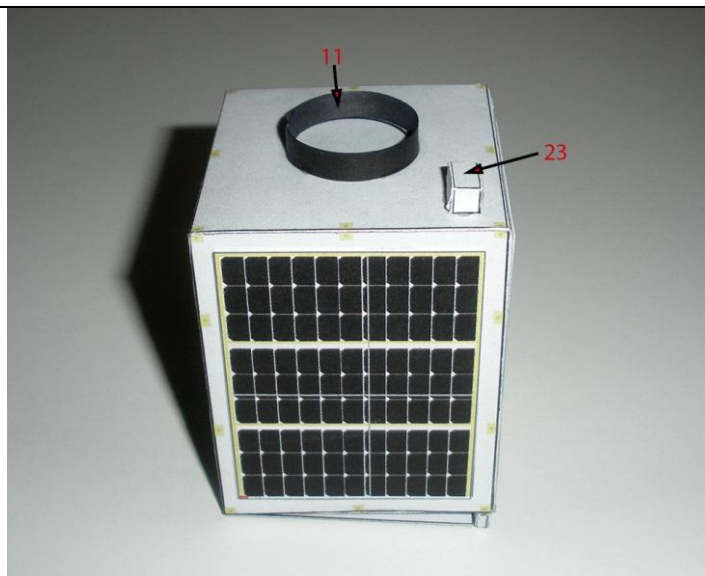
MAKE SURE THE HGA SEEM IS ON THE OPPOSITE ENDS OF THE TWO HINGES (see above).

Glue the upper part of the two gold arms (Part 22) to the blue markings on 22.

Slide the lower part of the arms through the two slits on the HGA and glue at an angle shown above.

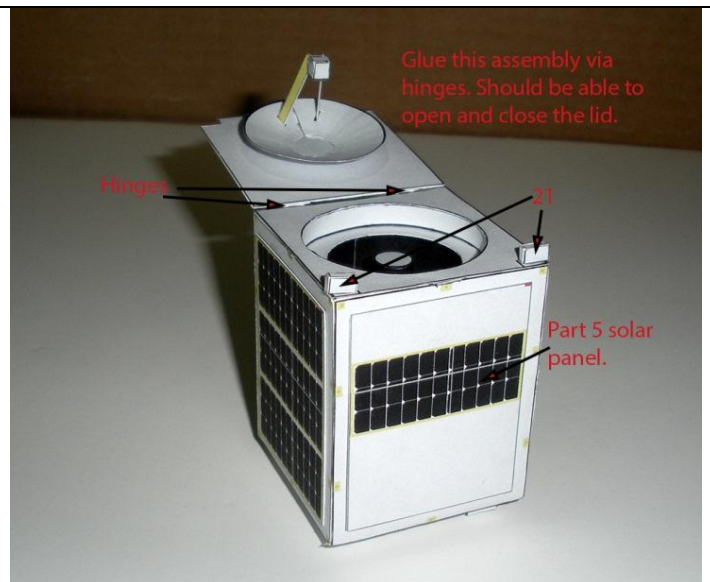
This completes the lid assembly.

Fold-glue 21 and 23 into boxes.



Glue 11 to the circle graphic on the bottom of the spacecraft.

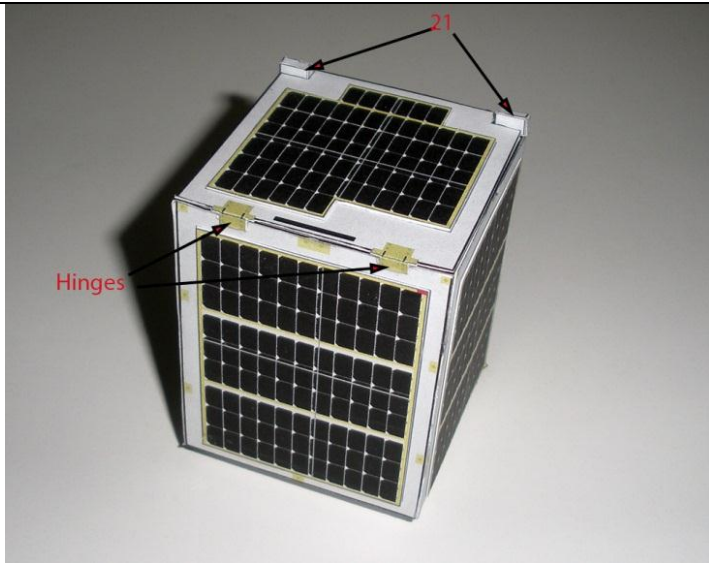
Glue 23 to the rectangle graphic.



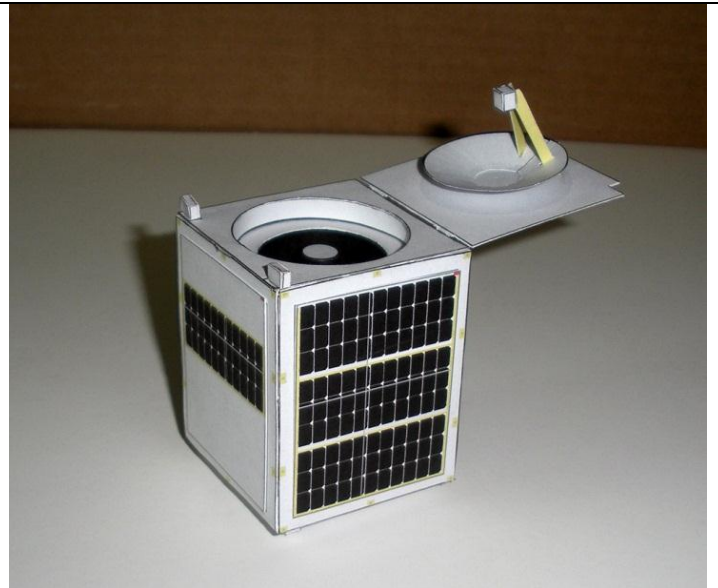
Glue 21 to the two rectangle graphics on top.

Glue the lid on top using the two hinges. The two corner notches on the lid should miss the two boxes (21).

If all works well, you should be able to close and open the lid.



Pic shows the spacecraft with the lid closed.
The lid is opened in orbit.



Congratulations, your model is complete.

ENJOY.

