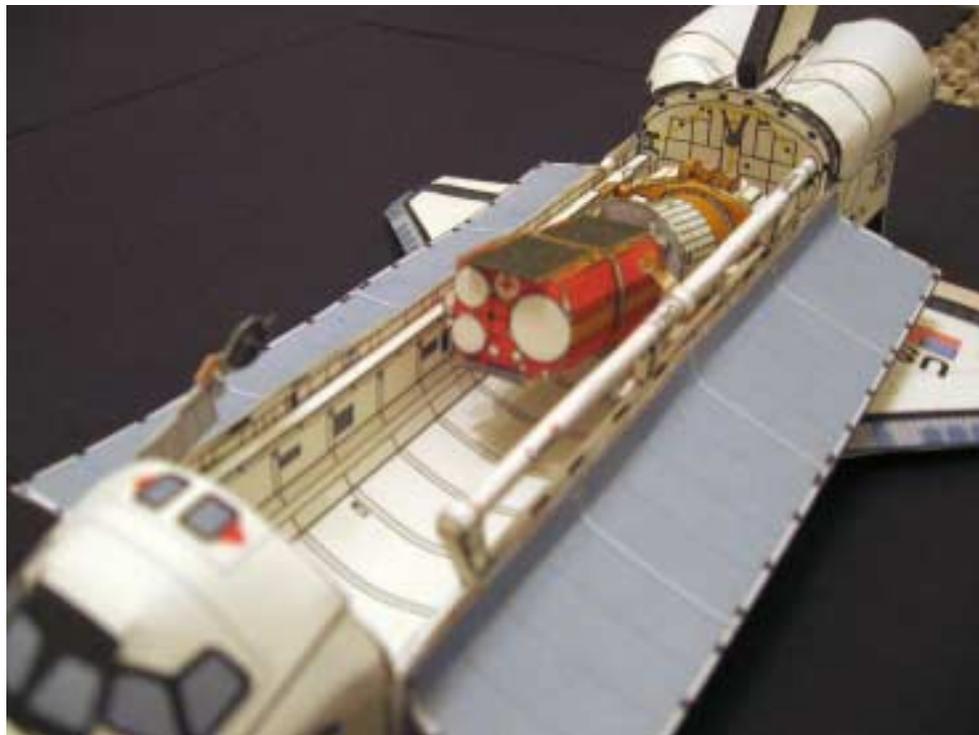
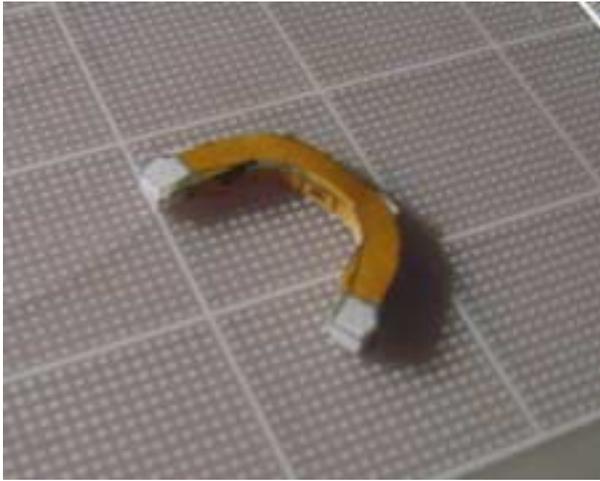




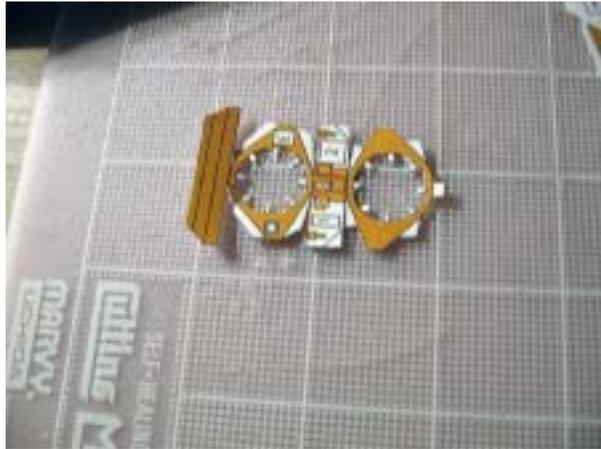
© 2007

Assembly Instructions for STS 51-J payload

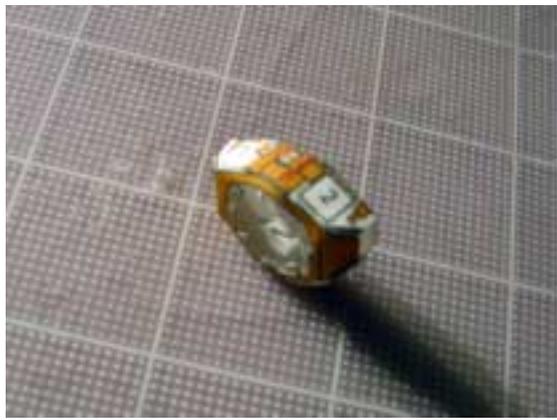
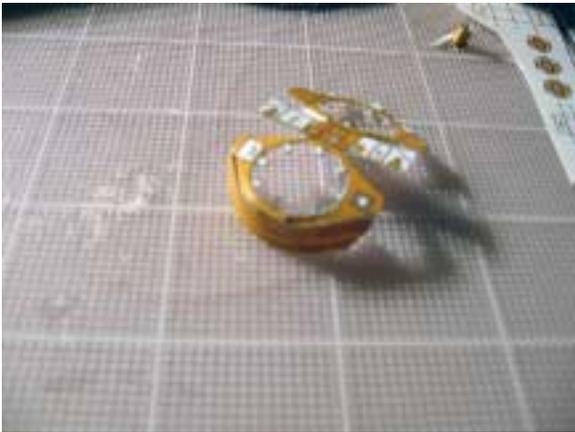




The forward payload frame needs to be folded to make the shape as the photo.

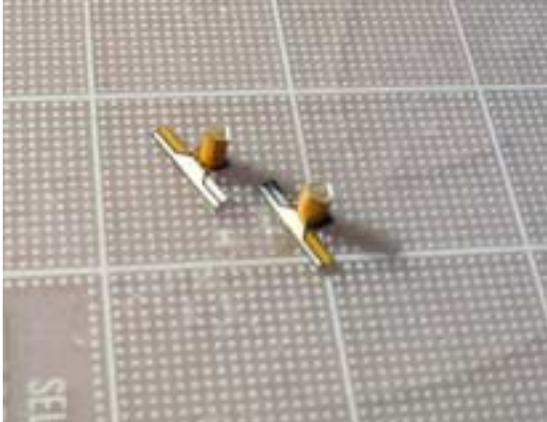


The aft payload frame is displayed in this photo with the circular sections cut open.

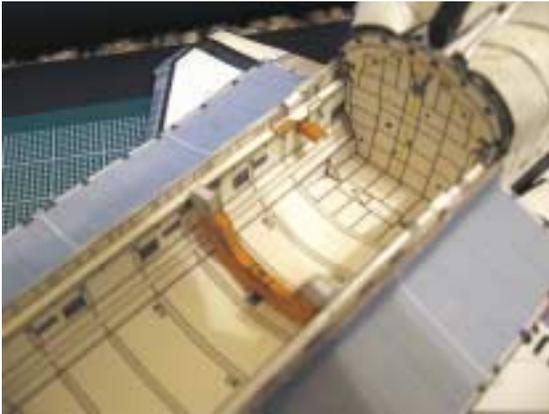




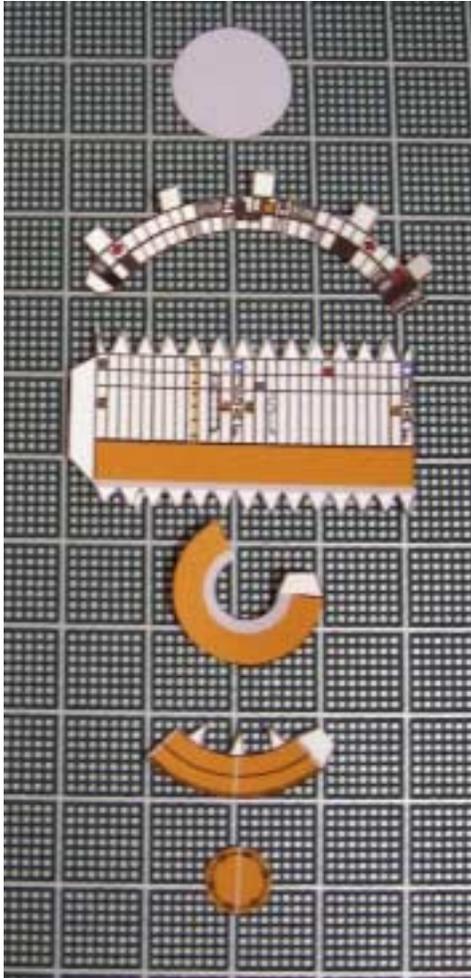
All boxes are glued to areas indicated.



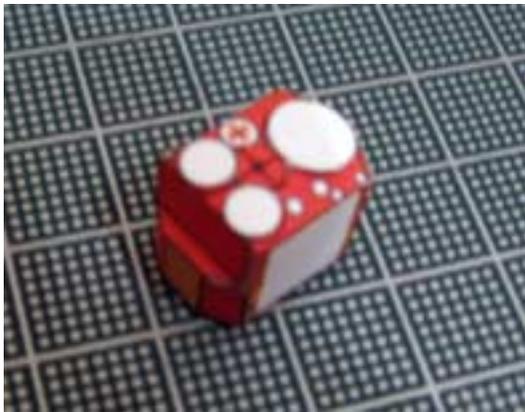
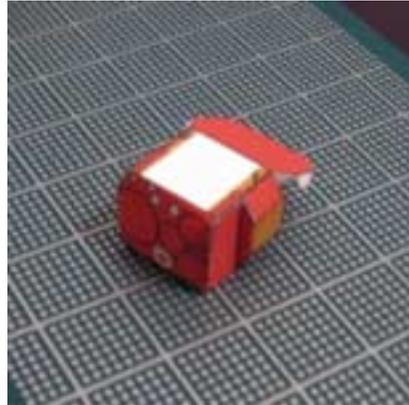
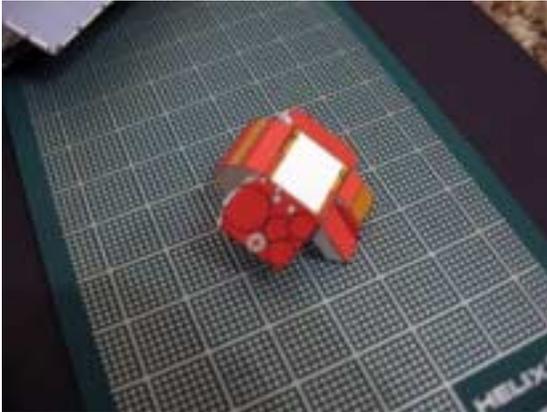
These are the pins that will be glued on the payload bay so the Aft payload frame will rotate. Insert the pins in the side openings of the Aft payload frame.

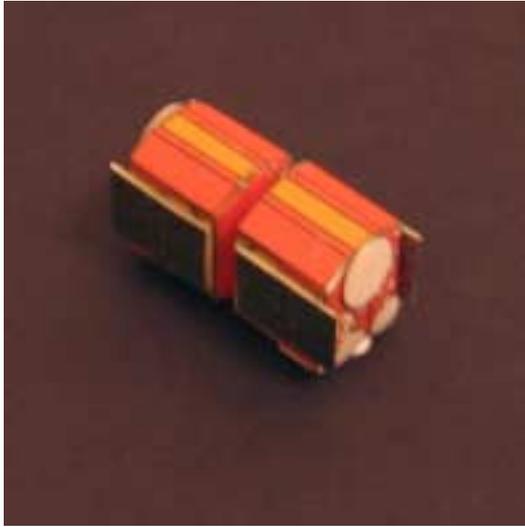


These are the parts needed to build the IUS for this mission.



Building the Defense Satellite Communications Systems (DSCS-III)



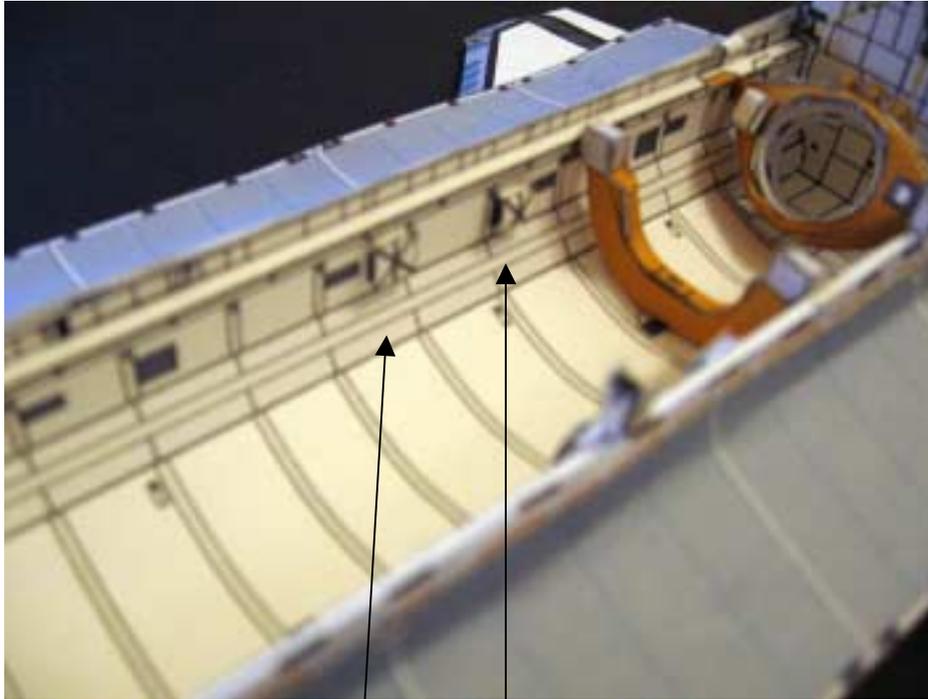


Both satellites are glued together back to back as in the photo.

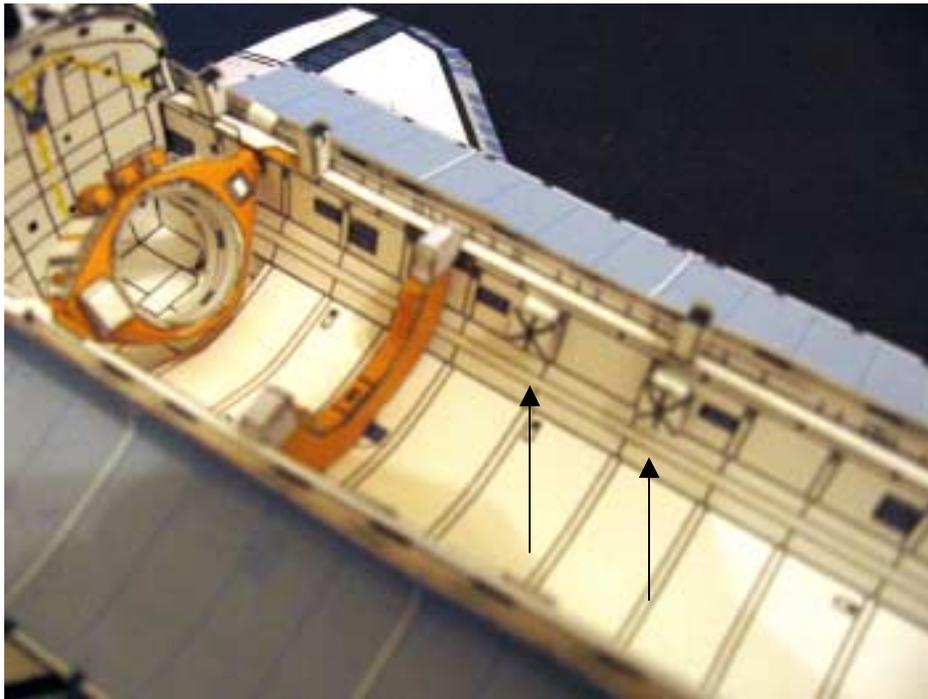


Glue the cylinder on top of the IUS in order to fix the satellites stack to the IUS.

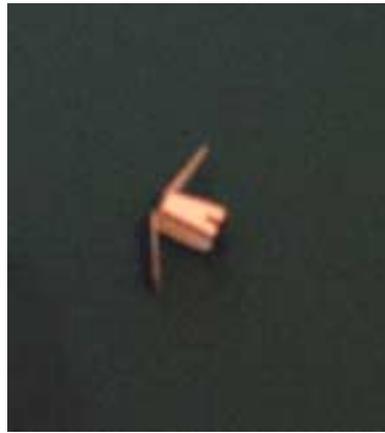




These are the positions to put the panels that cover the vent doors in the payload bay on both sides.



Building the Remote Manipulator Arm retention latches



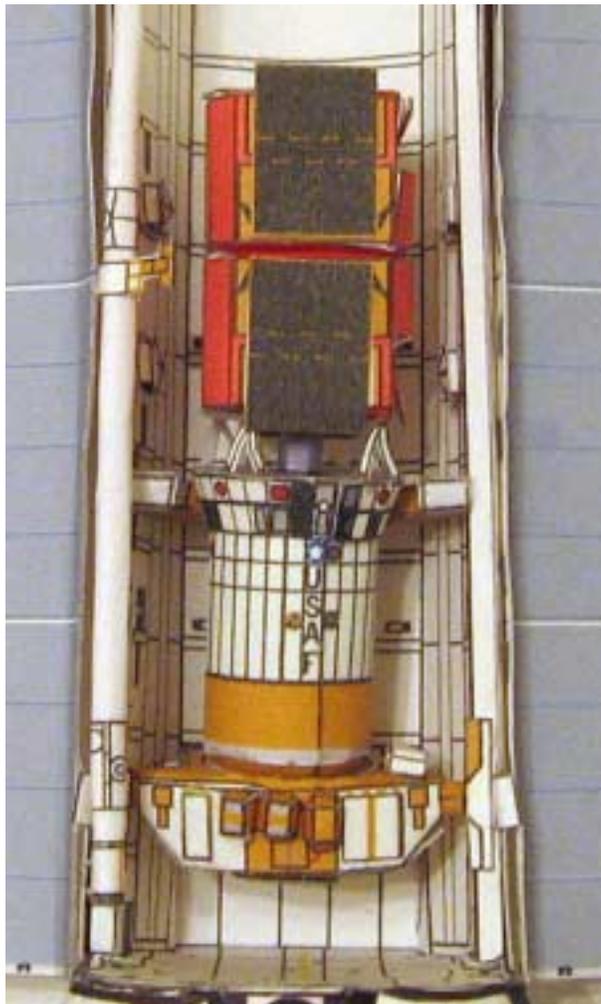
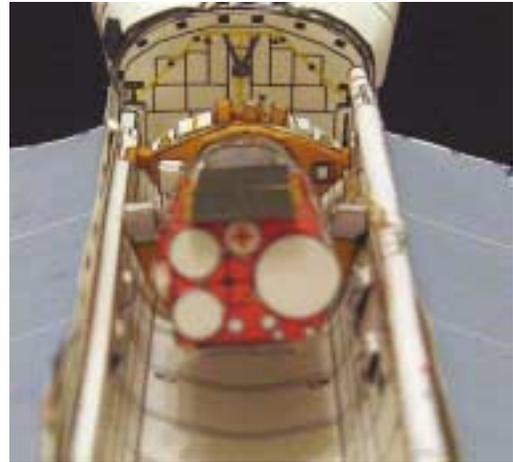
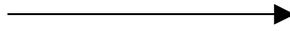


KU-Band: the photo shows the prototype model of this antenna. The final model is smaller and is glued on bay 1 on the right side of the payload bay wall.



Photo shows Remote Manipulator Arm with the location where the camera is glued.

Follow the photo for the correct position of the satellite stack in the payload bay.



Note the side of the IUS that faces up in the payload bay. This is the correct position.



Another Shuttle payload for you to enjoy!

<http://www.axmpaperspacescalemodels.com>