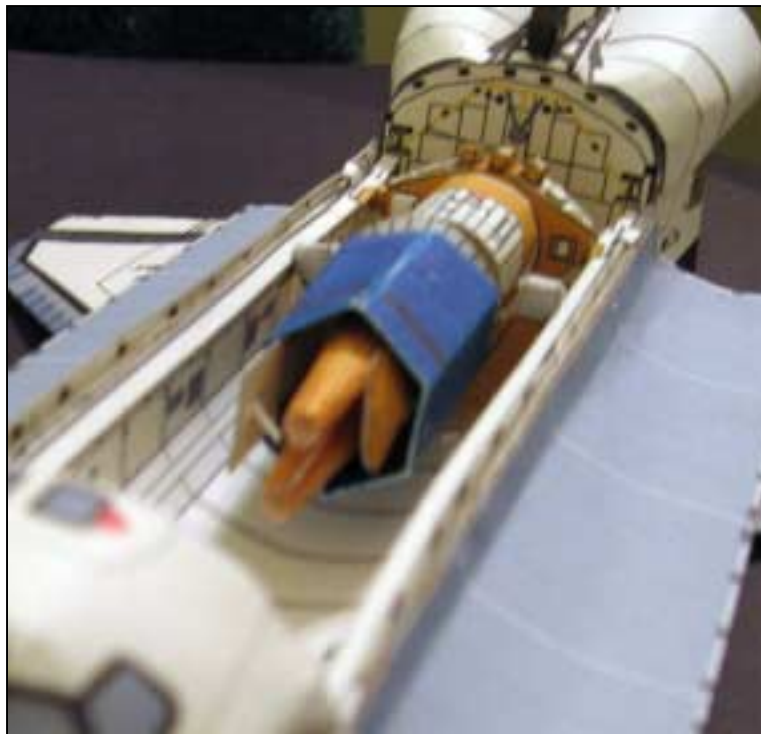




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Assembly Instructions for STS-6 payload

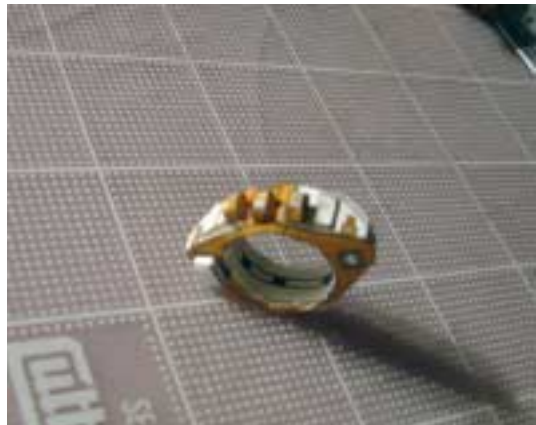
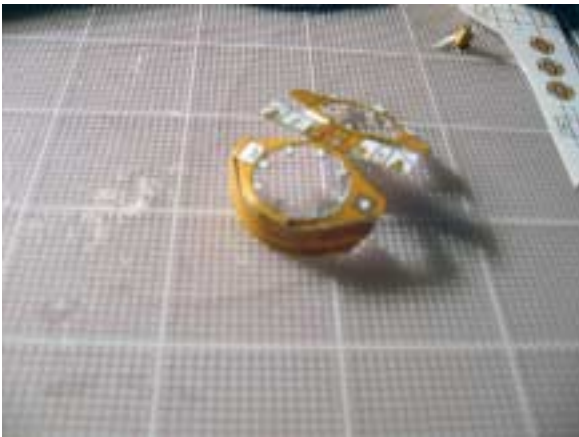




The forward payload frame needs to be folded to make the shape as the photo.



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



All boxes are glued to areas indicated.



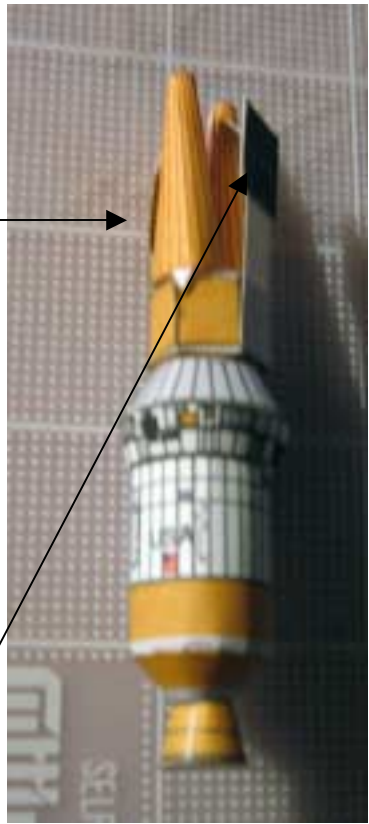
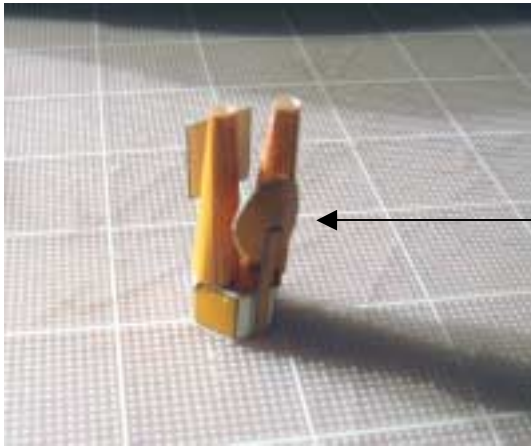
Building the IUS (inertial upper stage) is very straightforward. Follow the sequence and glue the correspondent parts as photo shows.



Hexagonal box: The cover with numbers 1 and 2 is glued on top of the hexagonal box with number 1 pointing to the seam of the box.

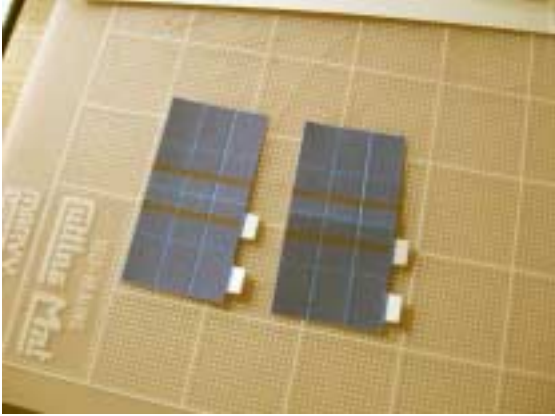


Cones 1 and 2 are glued on top of box with correspondent numbers. Part 3 is glued to the side as shown.

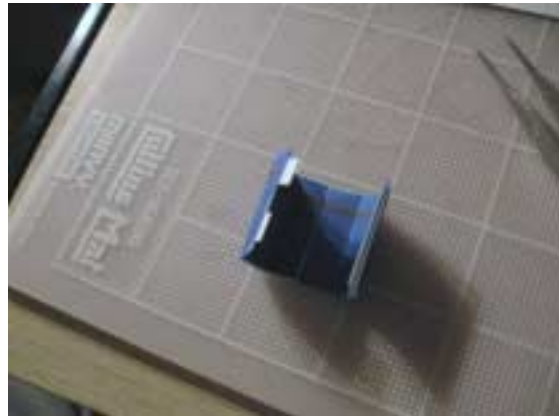
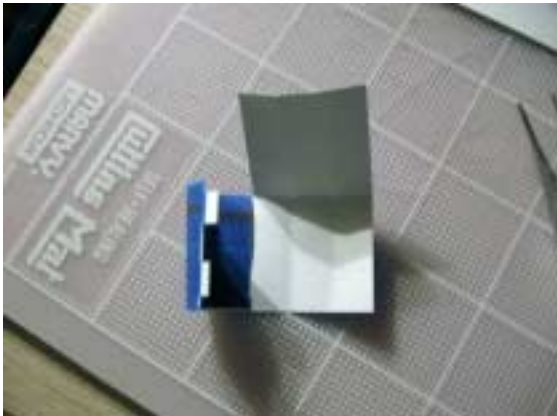
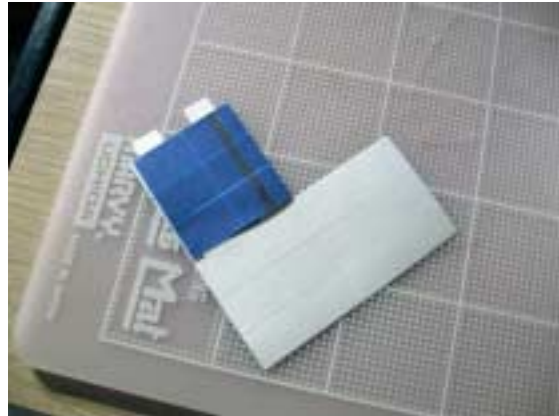


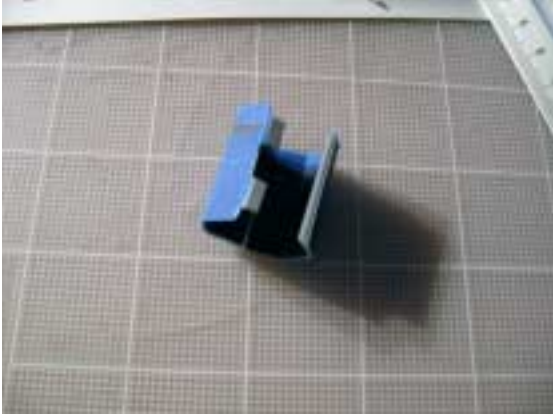
The TDRS satellite (Tracking and Data Relay Satellite) is complete.

The TDRS stack is glued on top of the IUS with the flat white/black panel to the right and the circular antennae to the left as photo shows.

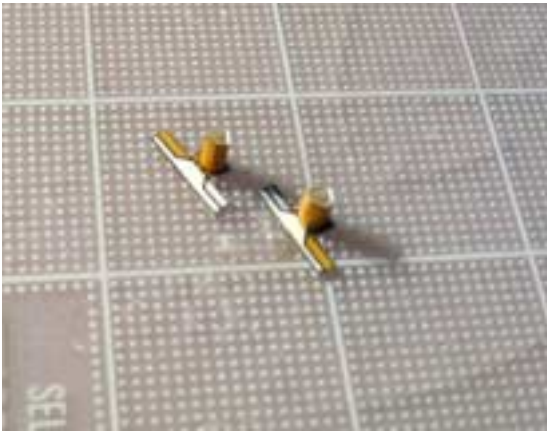


The photos below show the sequence to build the solar panels of the TDRS.

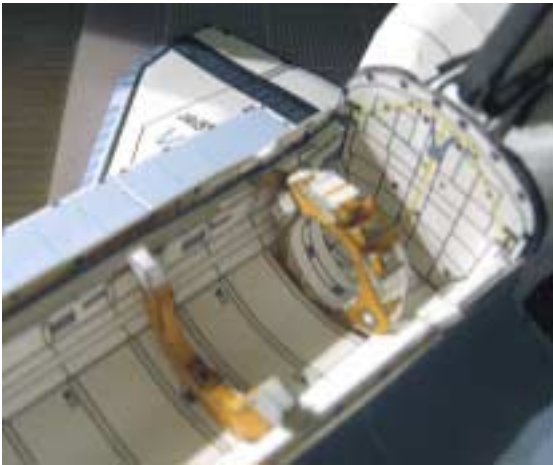


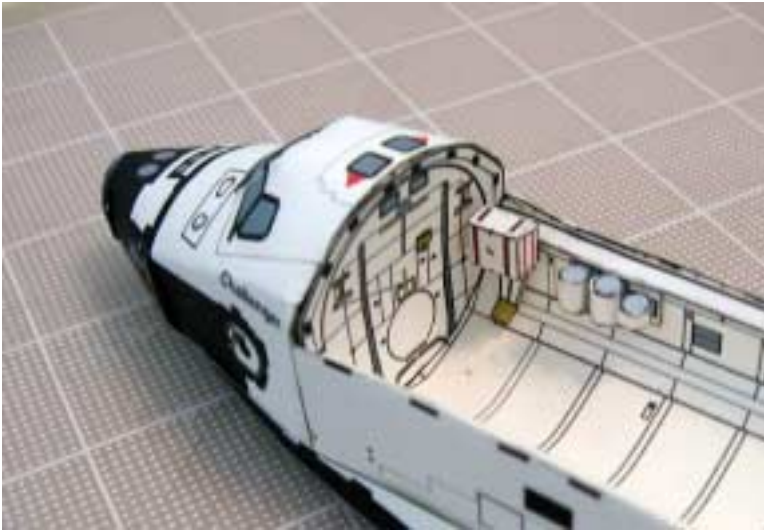


The completed panel stack slides on top of the TDRS satellite.



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.





The front section of the payload bay for this mission consists of: CBSA (Cargo bay stowage assembly) box and 3 GAS containers. Glue these parts as shown.



Another Shuttle payload for you to enjoy!

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