

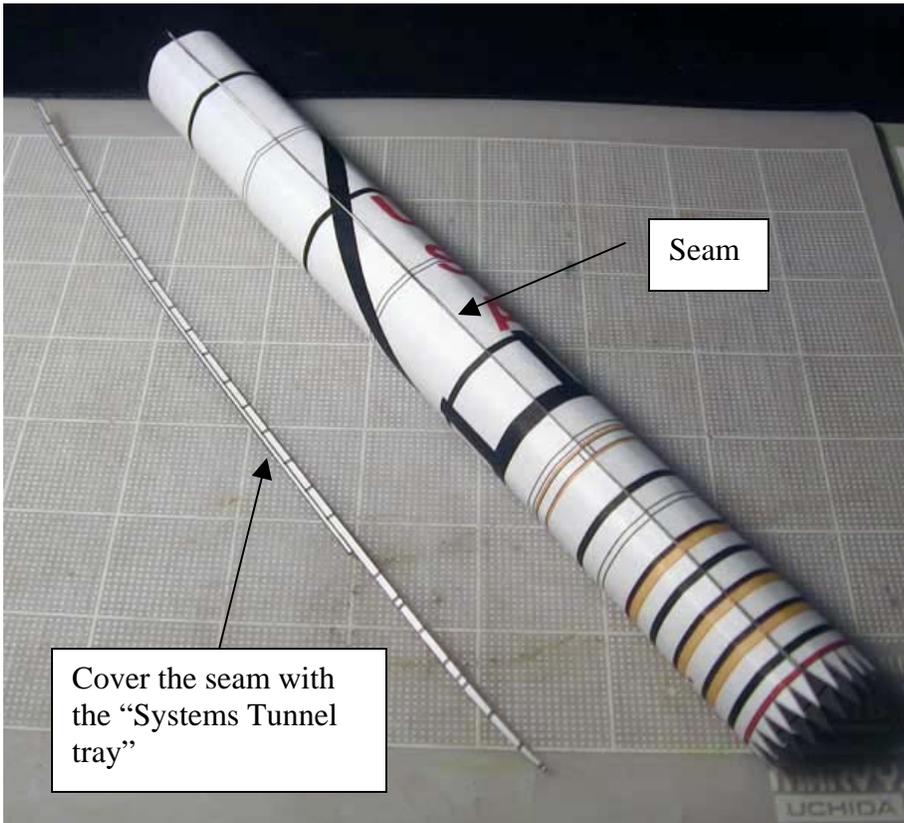


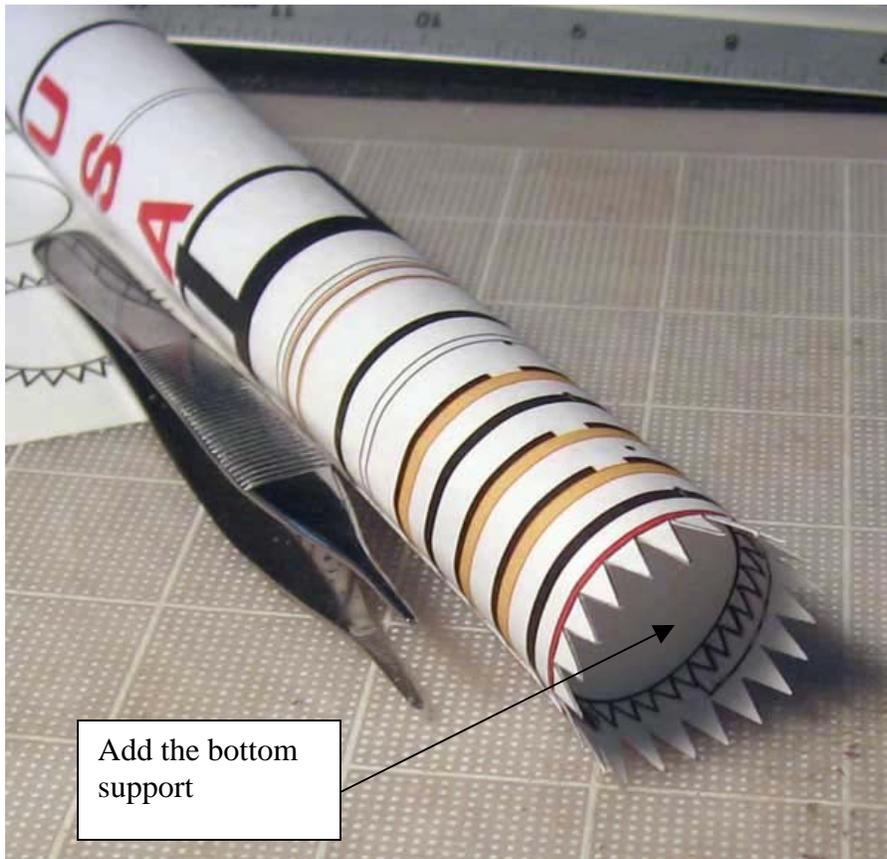
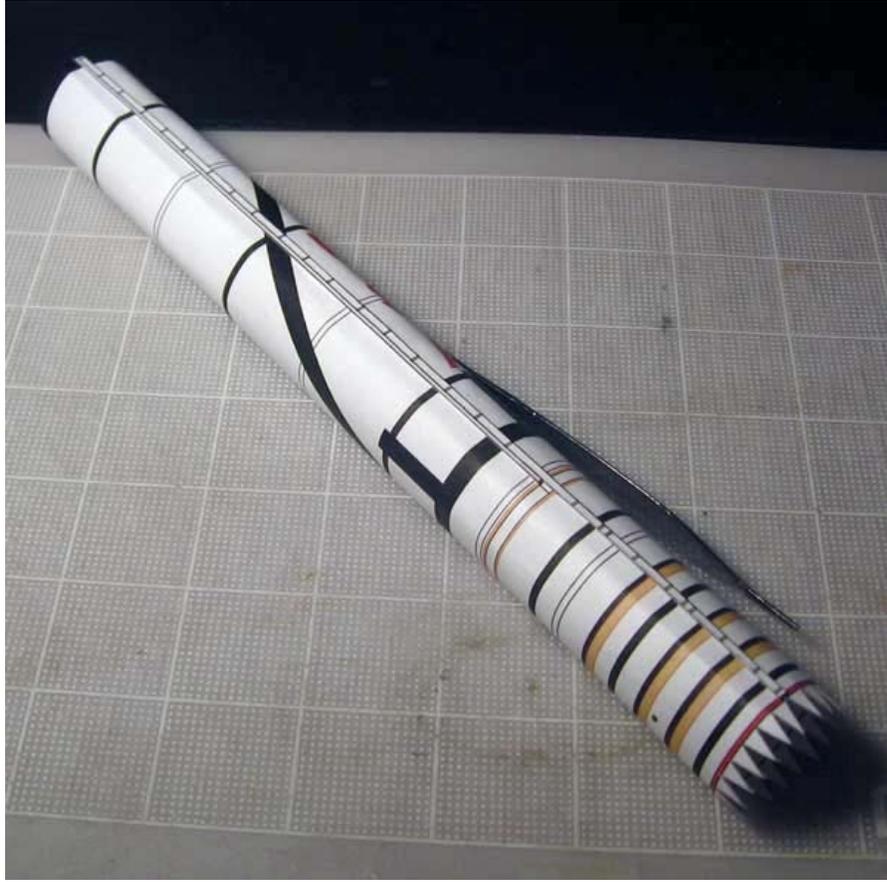
© 2009

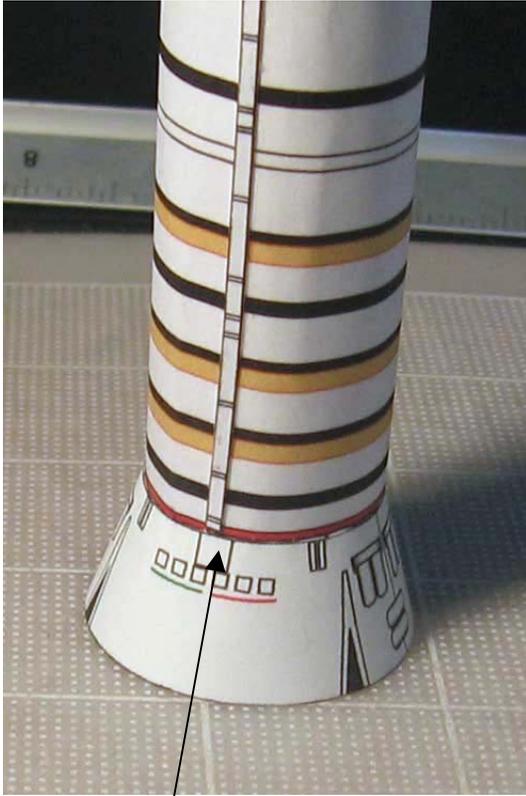
Assembly Instructions for the **Ares-1X**



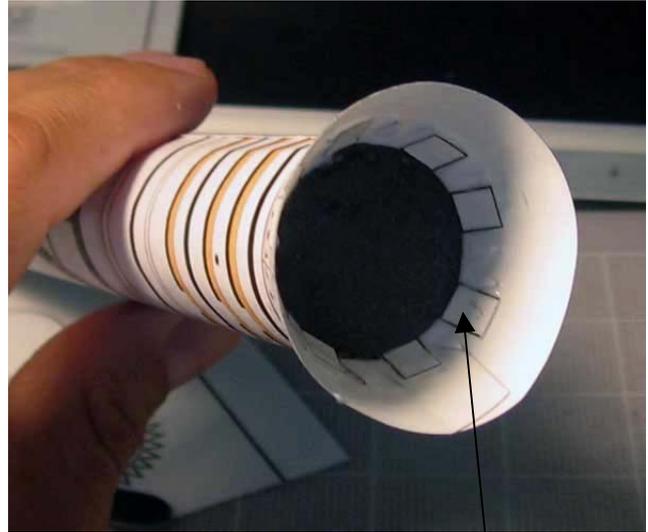
Building the SRB segment







Glue the SRB aft skirt aligning the large square (arrow) with the Systems Tunnel Tray.

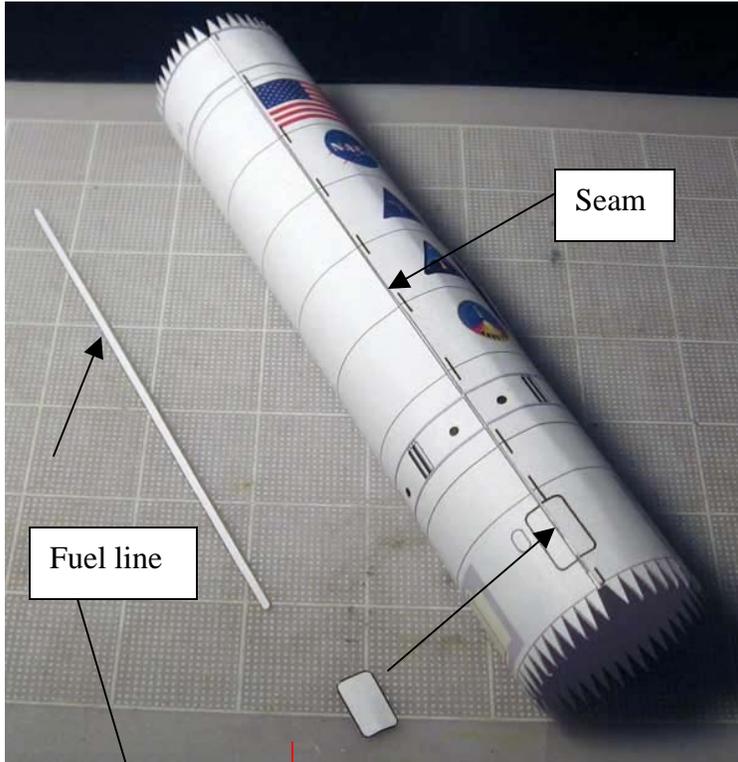


Add the bottom supports for the aft skirt.

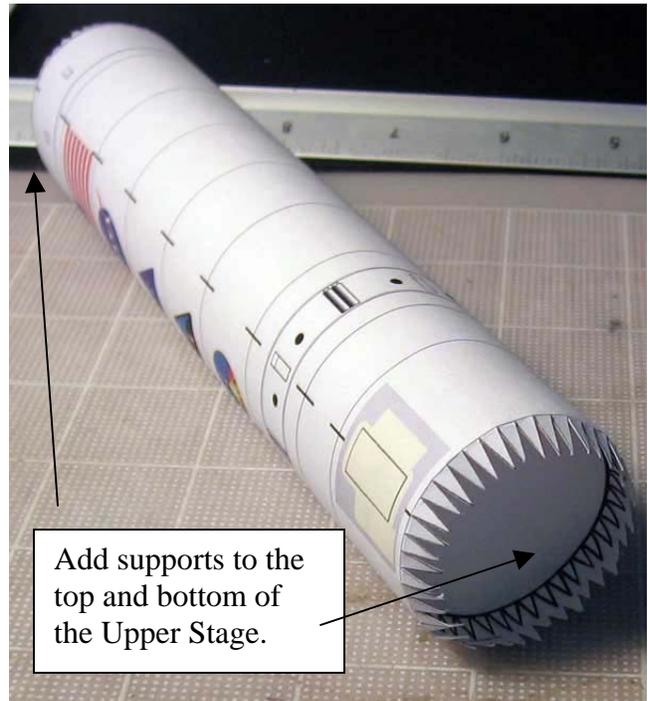


Add the SRB nozzle

Building the Upper Stage



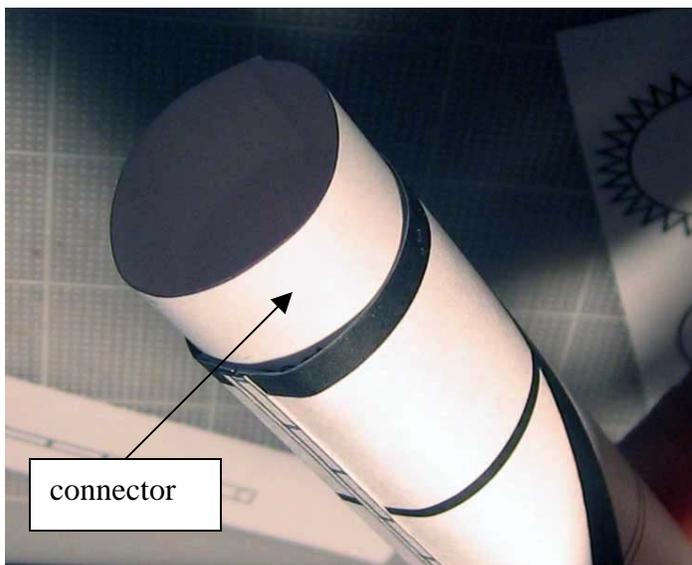
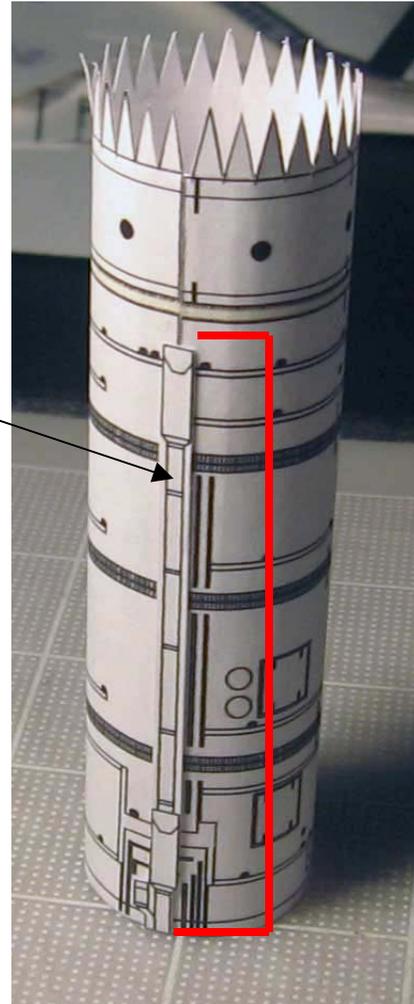
Building the Upper Stage is similar to the SRB assembly, by gluing the tab to one side and rolling the whole structure into a tube. Then the Fuel line is glued covering the seam. Also, a small hatch door needs to be glued.



Adding the 5th segment to the SRB



Roll the 5th segment into a cylinder just like the SRB and glue the fuel line to the seam. Note that the fuel line starts at the bottom but does not reach the top.



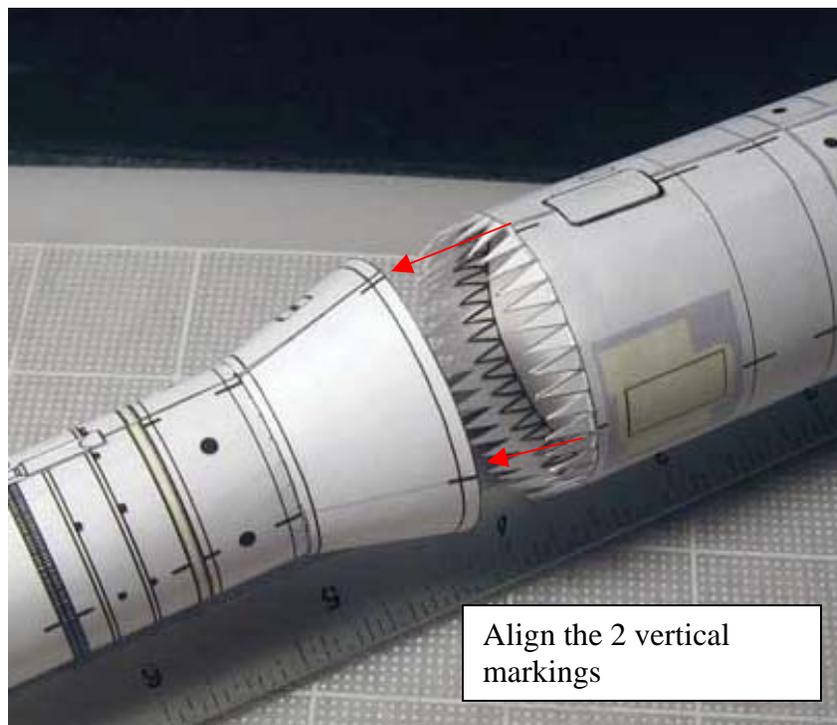
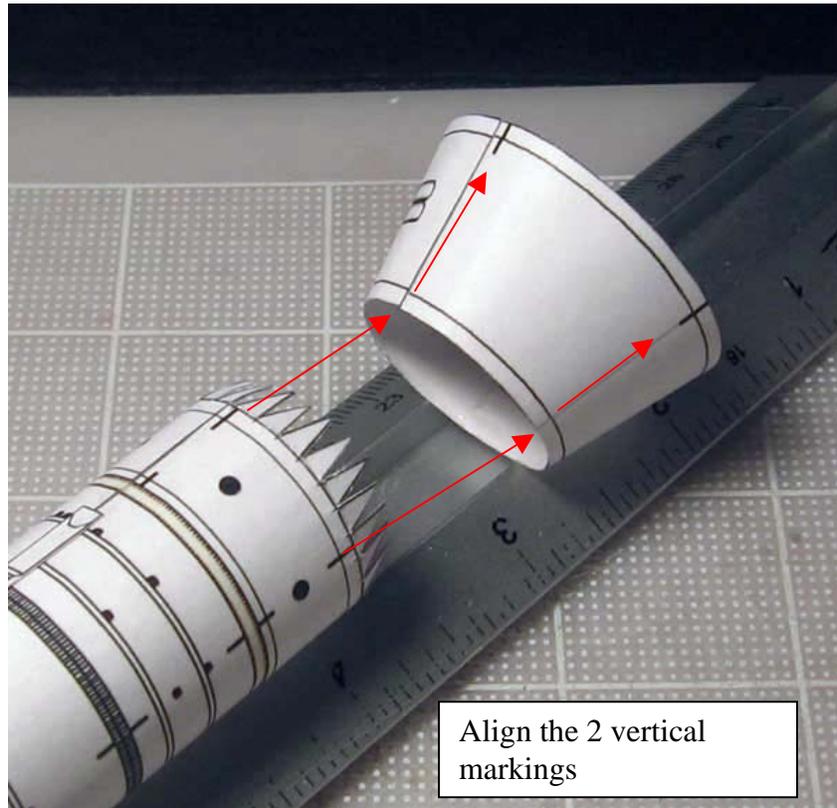
Glue the Connector to the inside of the top of the SRB in preparation to adding the 5th segment.



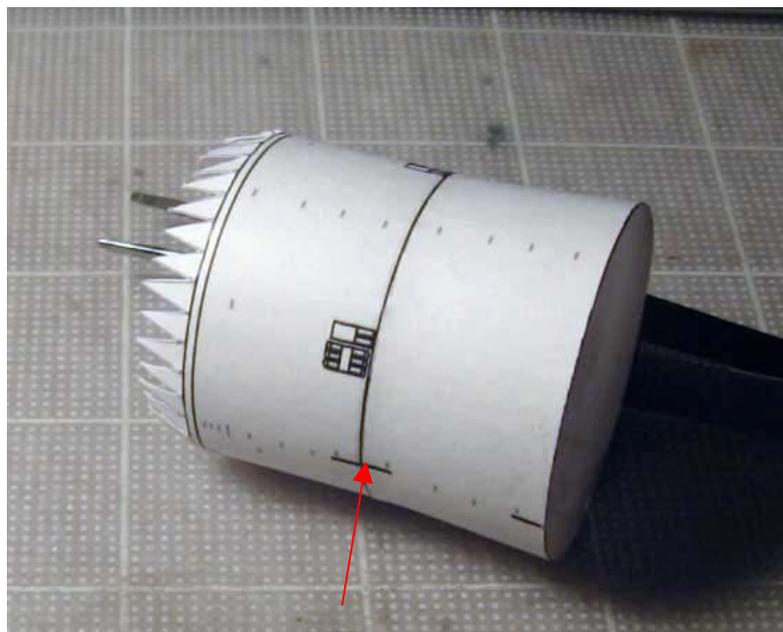
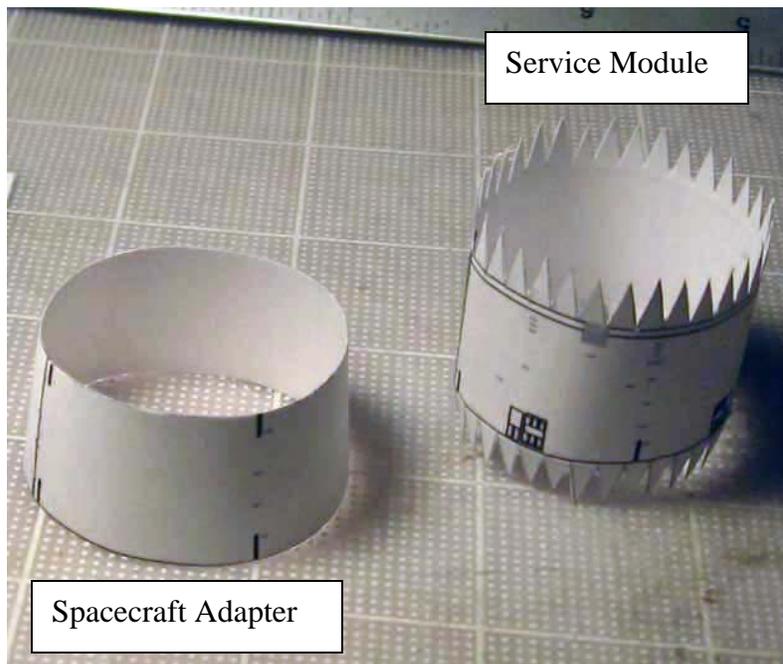
Glue the 5th segment to the SRB stack via the connector.



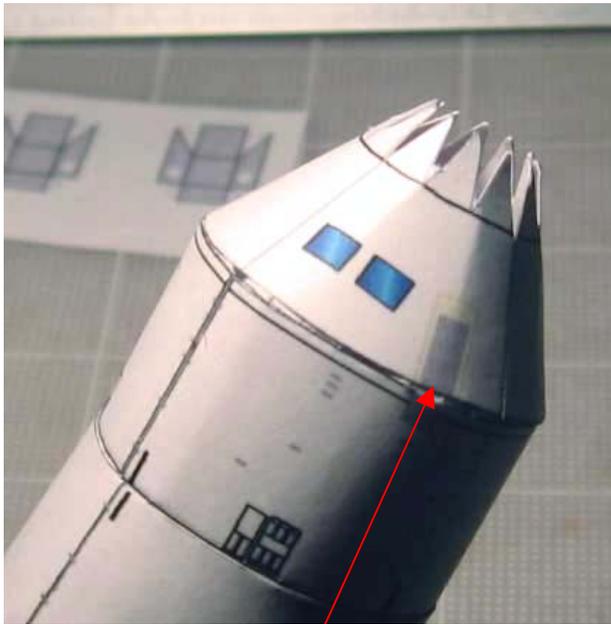
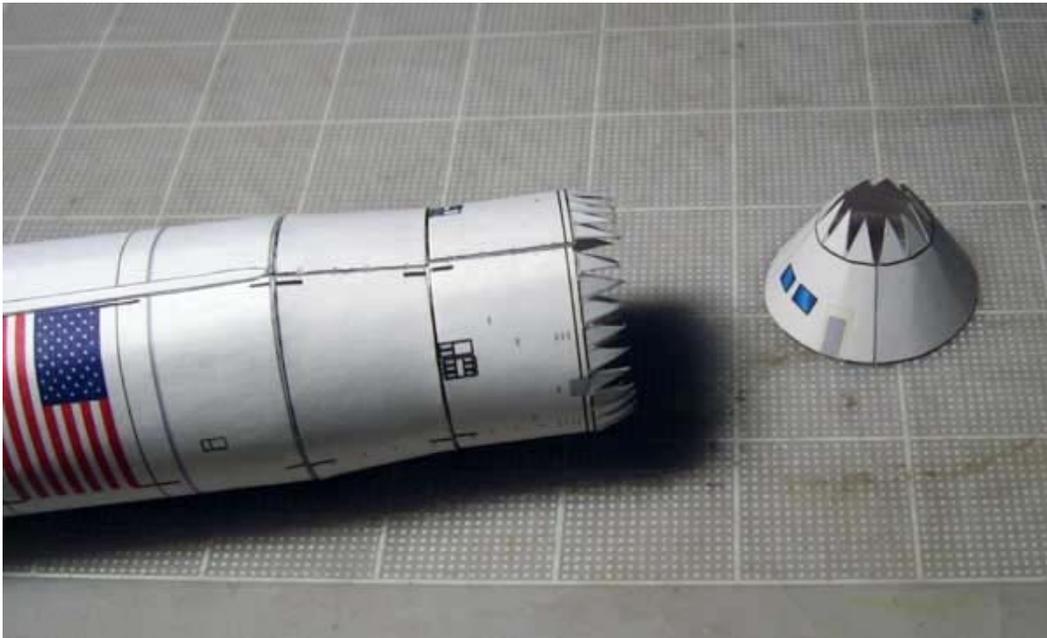
Adding the Frustum



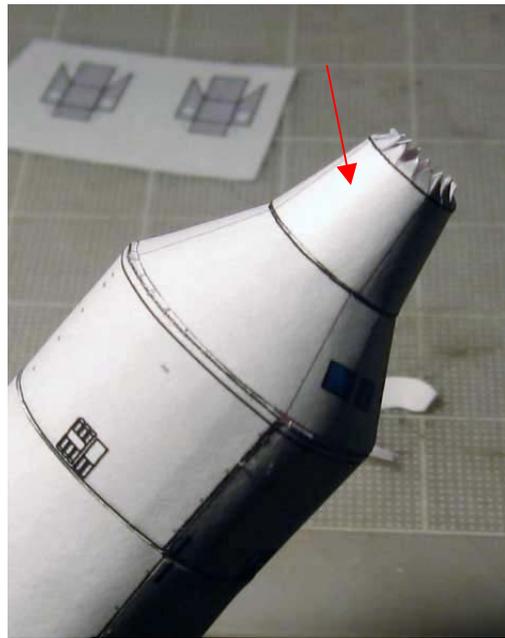
Building the Orion mockup stage and LAS



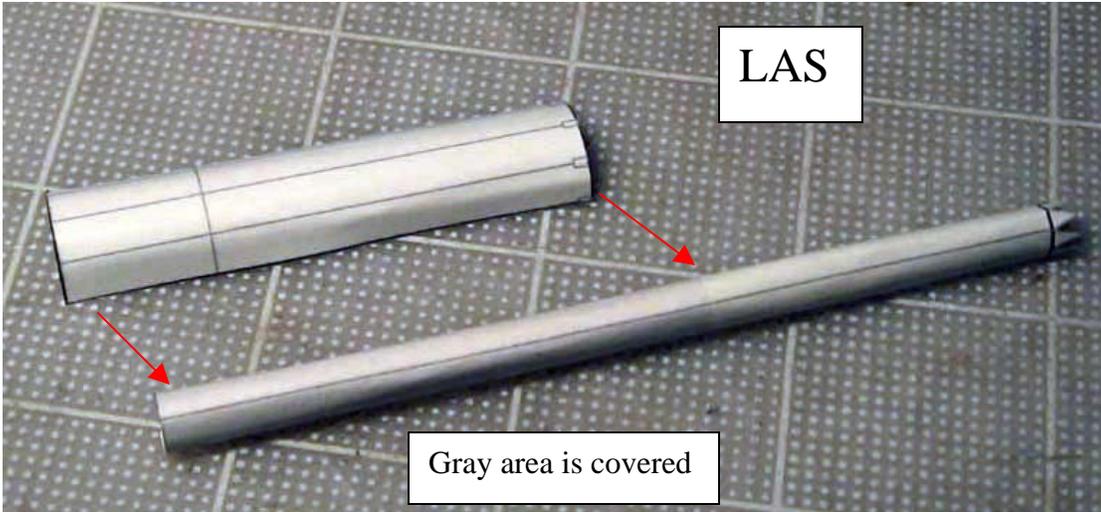
Glue both parts aligning the vertical markings.

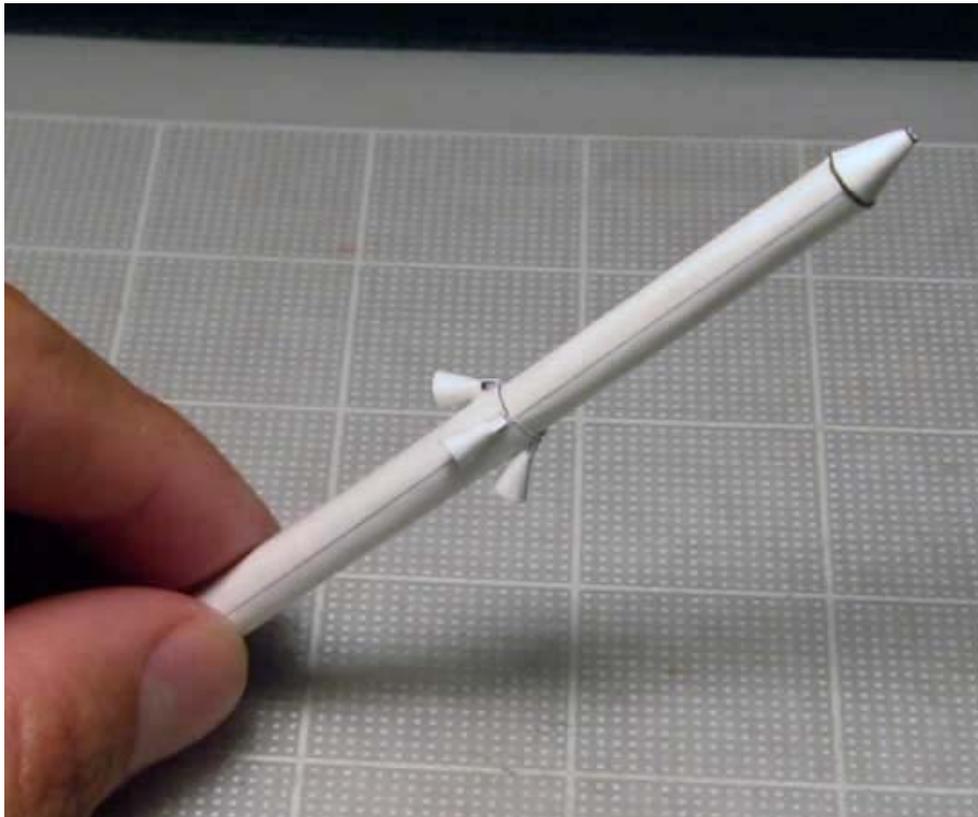
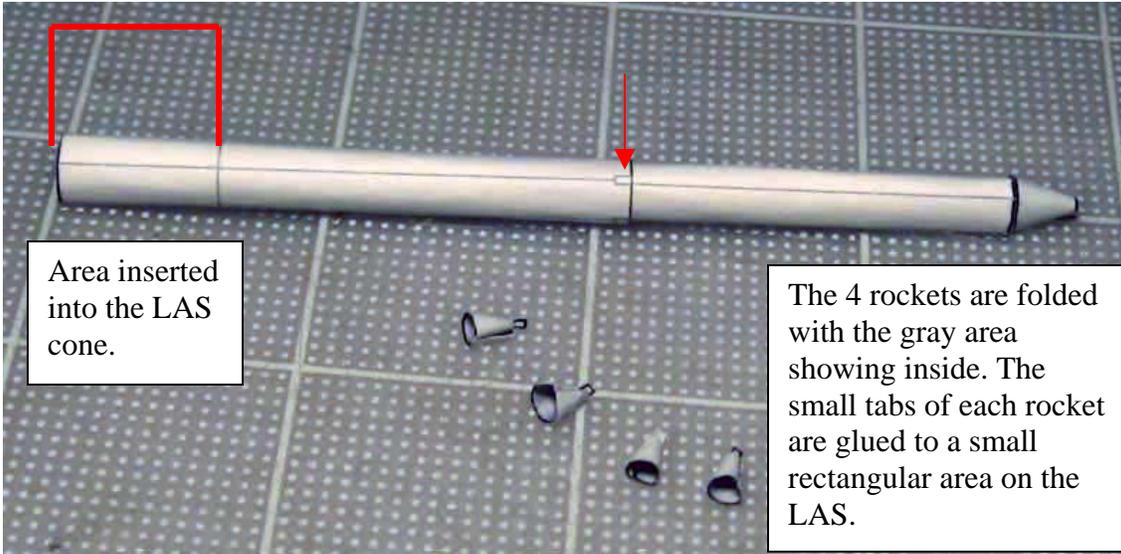


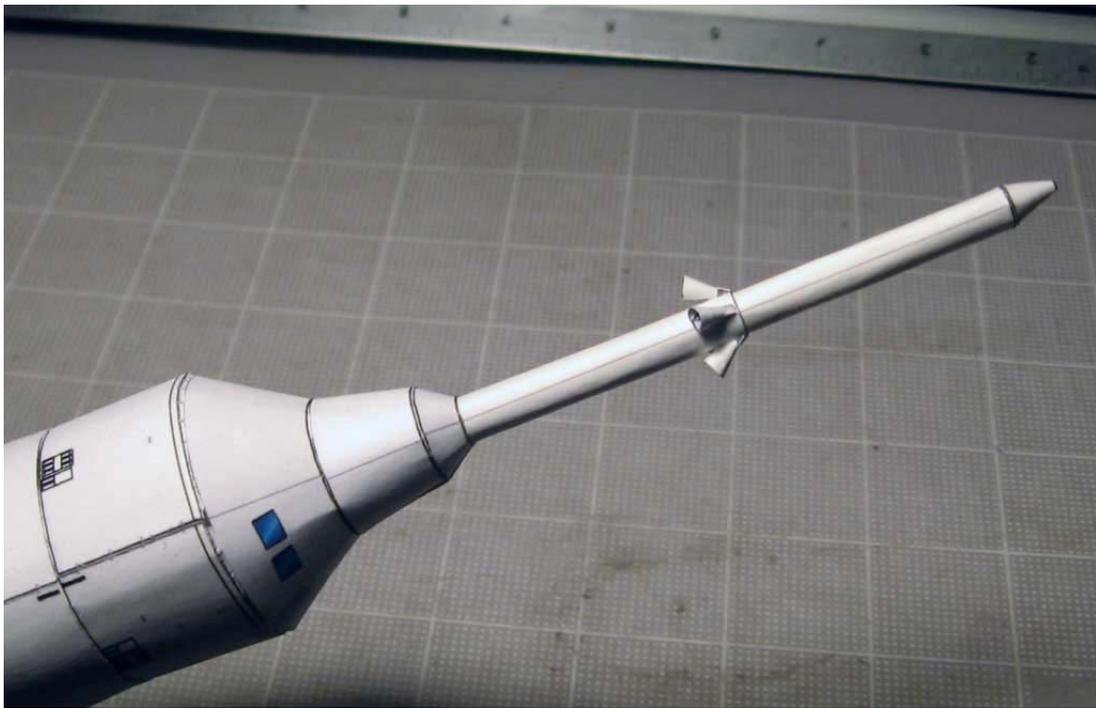
Align the gray areas



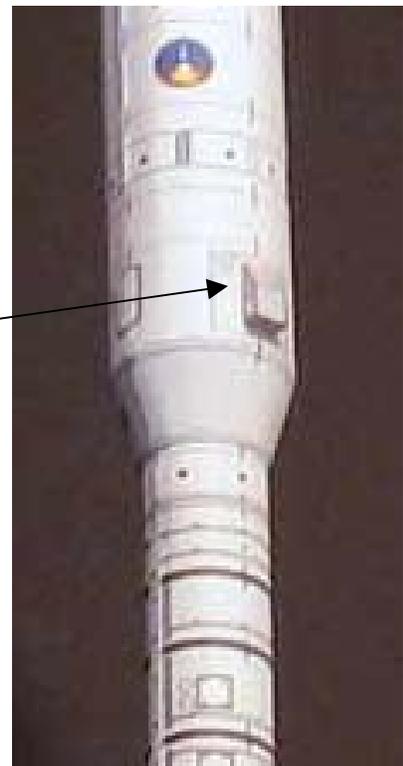
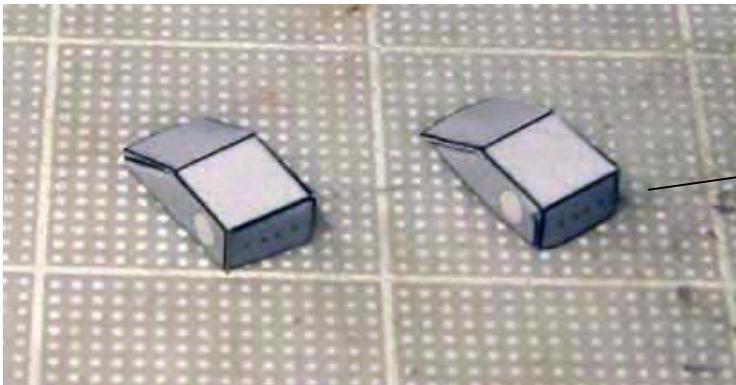
Glue the Launch Abort System (LAS) bottom cone.

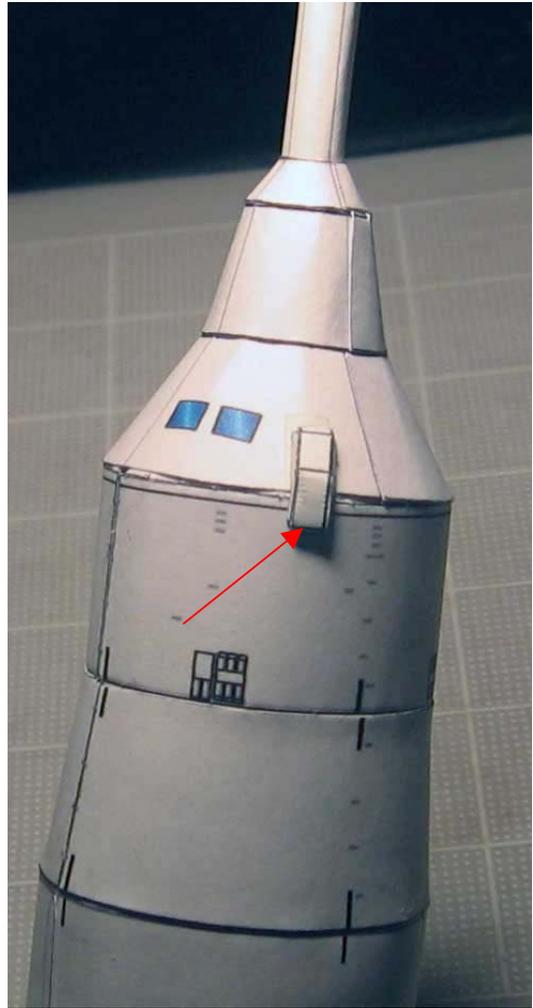
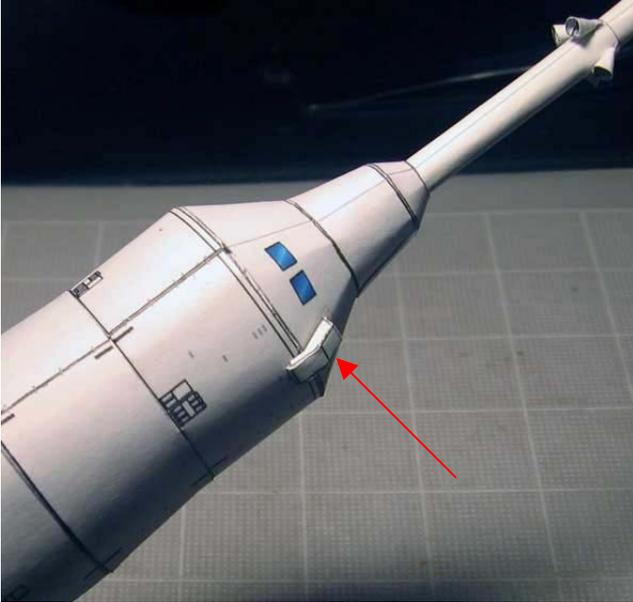






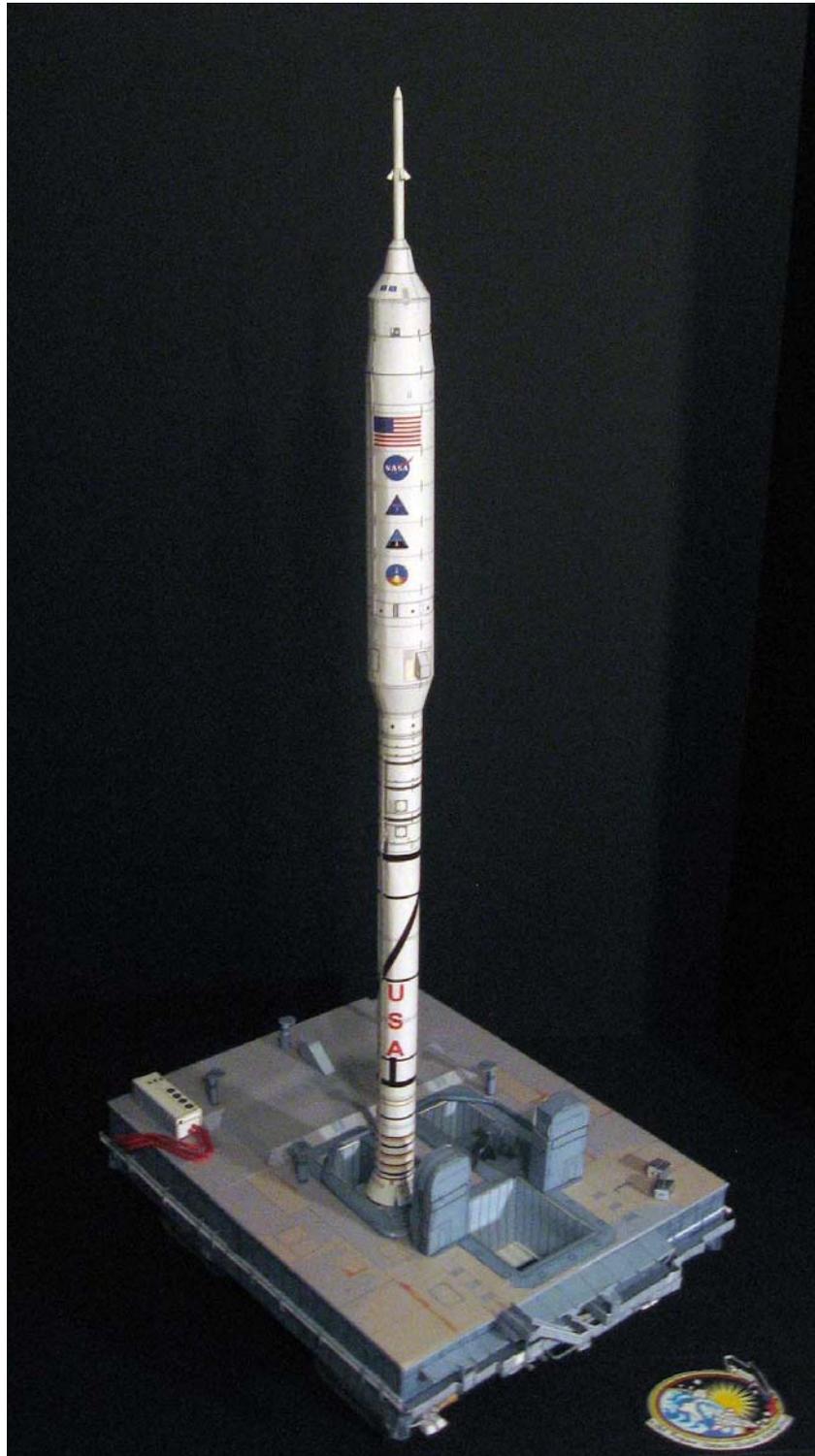
Adding extra parts





Note that the model used for this presentation is a draft version model lacking details. The final version is slightly different.





Enjoy!

<http://www.axmpaperspacescalemodels.com>