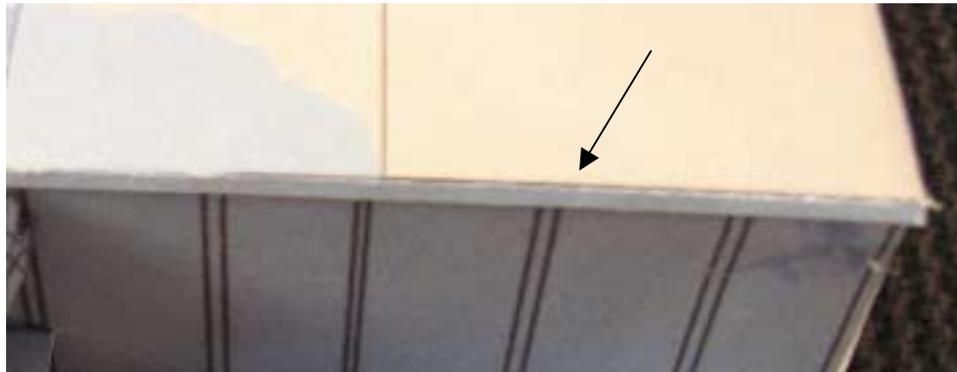


# **AXM Paper Space Scale Models**

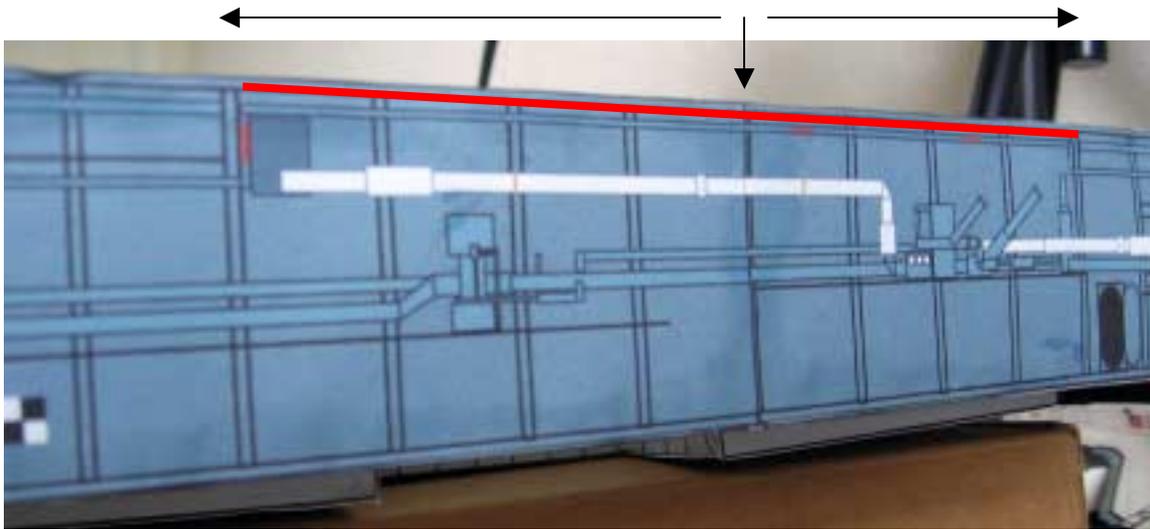
## **Side 1 Decks Assembly**



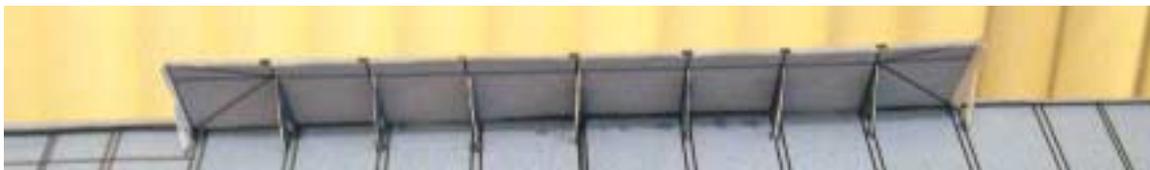
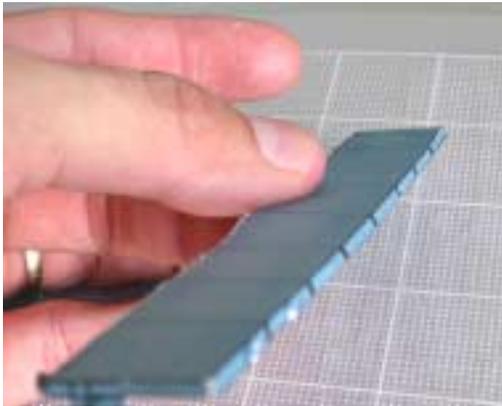
At this point all Sides can be glued to the platform. Note how the edges of the floor bend downward onto the sides.



## Assembly of main Canopy

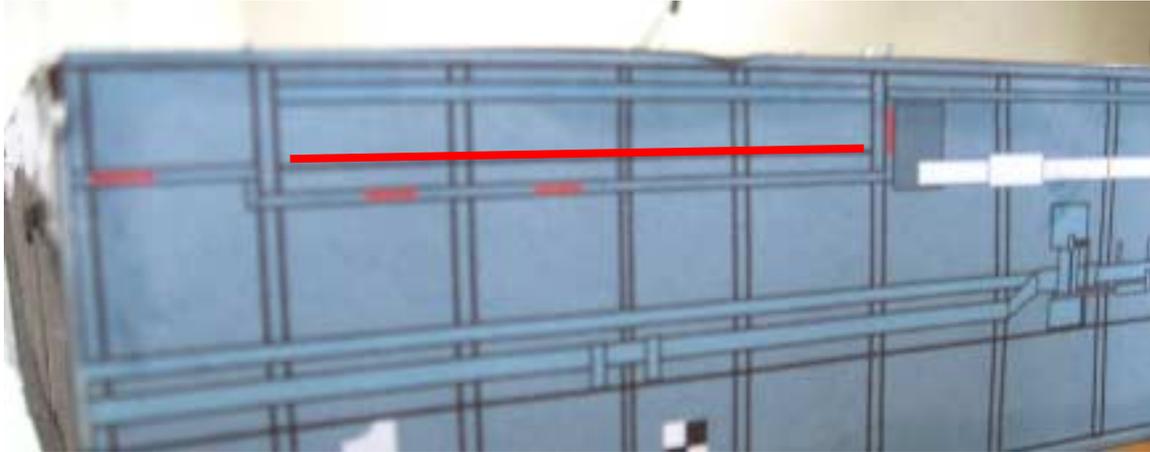


The red line indicates where the main canopy is placed on Side1. From the center of Side 1 measure 4 divisions to both sides. That's the area covered by the canopy.

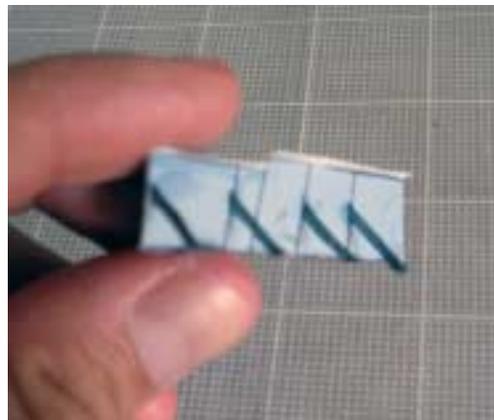
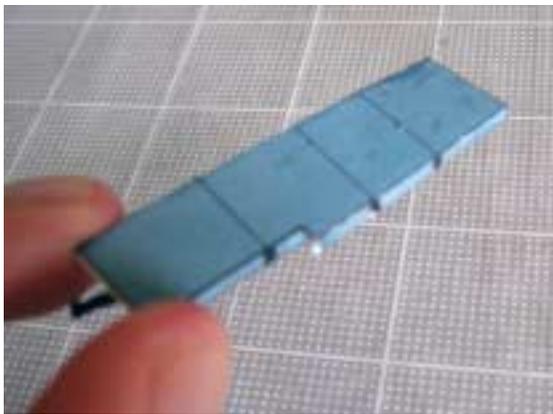


These photos are for reference. Note that the beams match every bay division on Side1.

## Assembly of second Canopy



The red line indicates where the second canopy is placed. Photo is for reference. Note details.

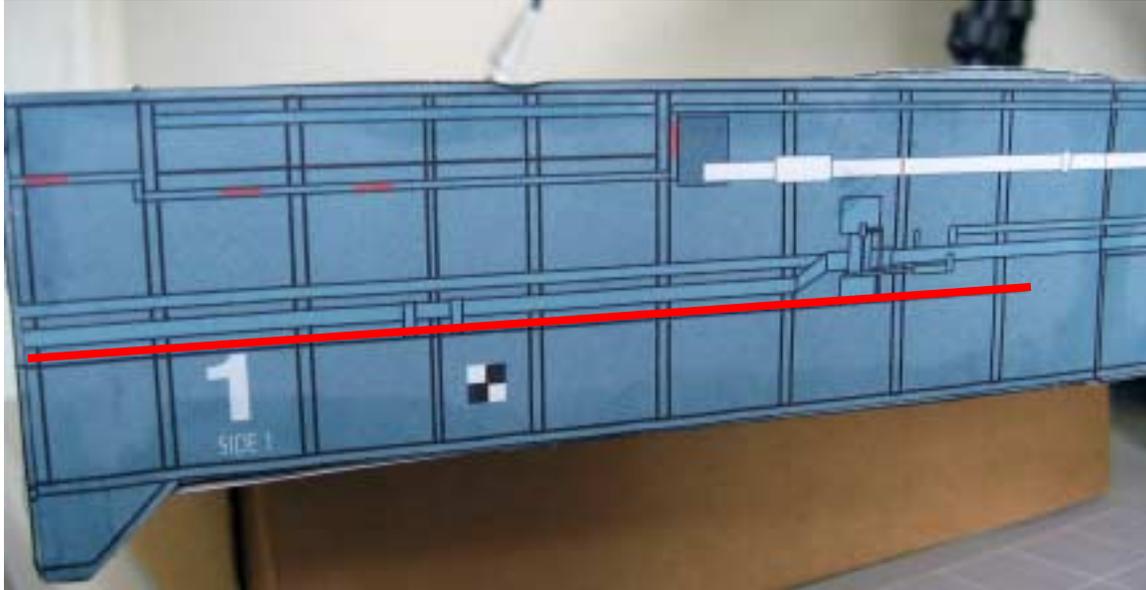




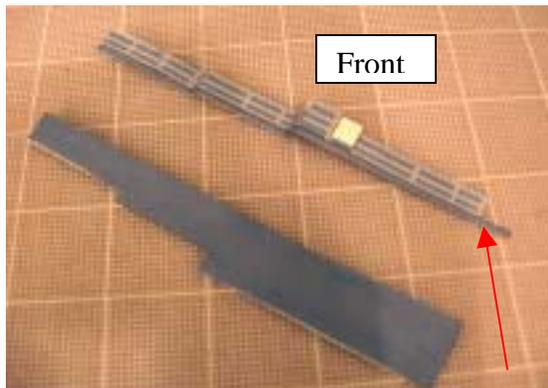
This photo is from prototype model without the details from Side 1. Note the location of the canopies and their respective beams. **TIP:** It's better to glue every canopy or deck without the beams first. Later, the beams can be added. This is to avoid miscalculations. The photo below shows this technique.



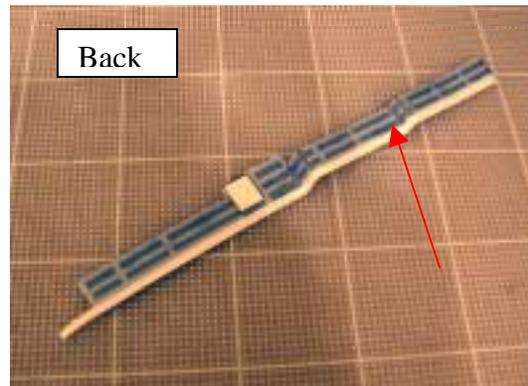
## Assembly of left bottom deck



Left bottom deck area designated by the red line.

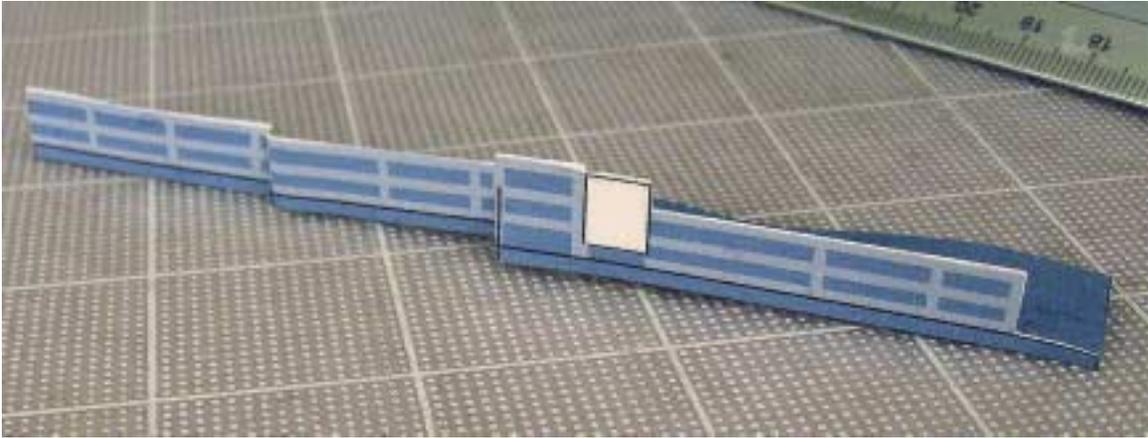


Front

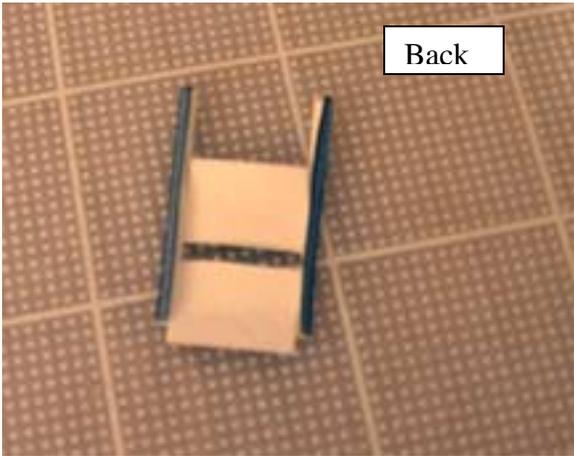
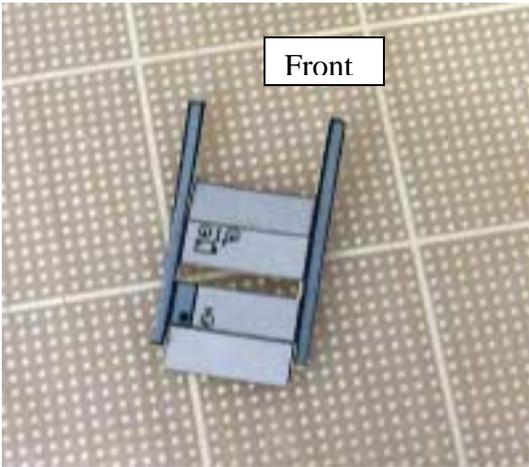


Back

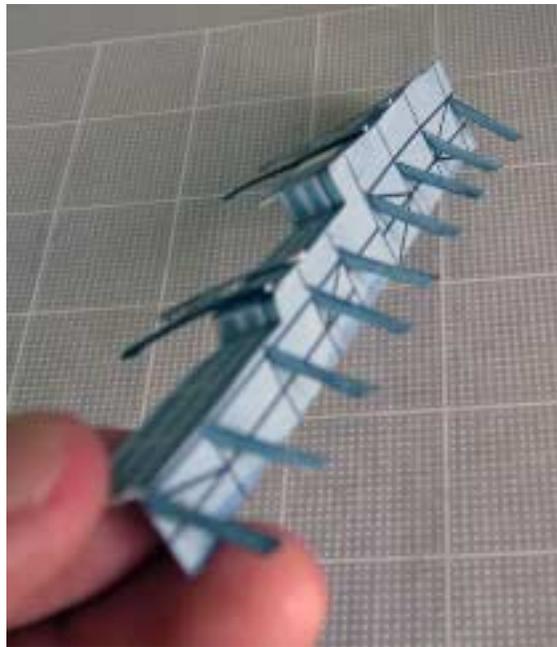
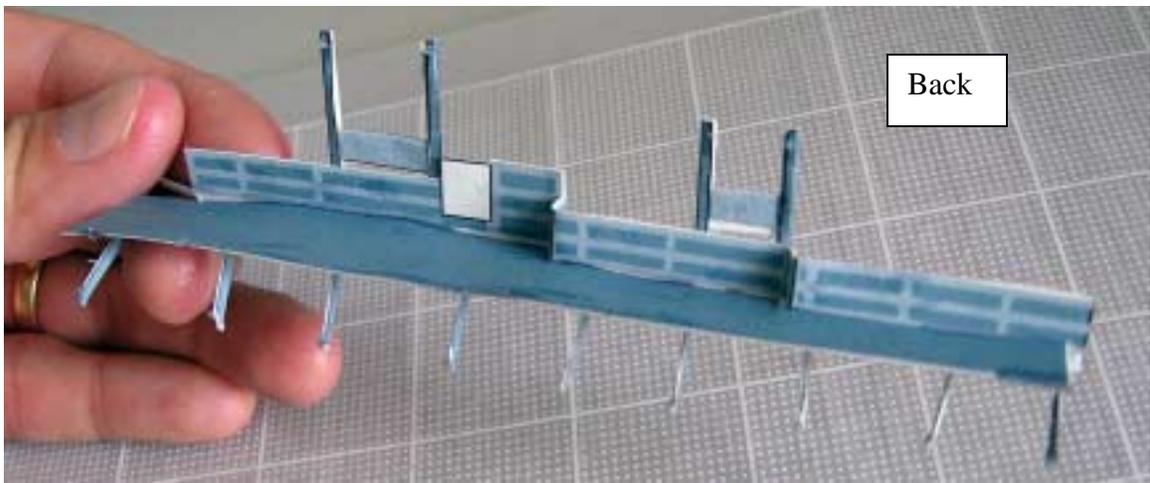
Every deck has a floor and its railings. Each railing consists of 2 parts, the front and the back. The photo on the right shows the back portion of the railing. Each back portion railing lacks the gray area at the bottom. (left arrow) The floor is glued to the white area precisely at the very bottom of the back railing.



Complete deck with floor and railing.



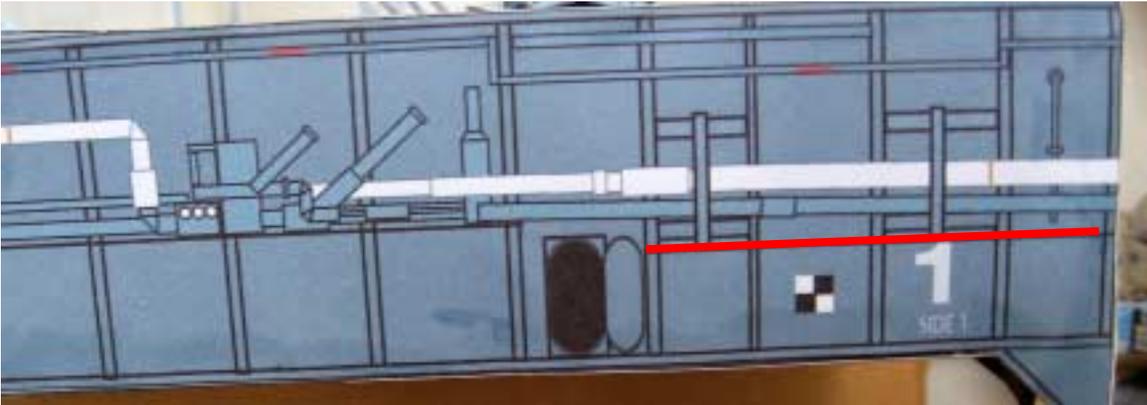
This structure appears only on decks that are connected to either the canopies or to other decks.



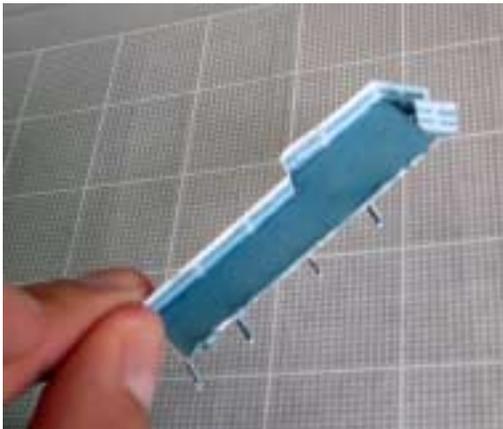


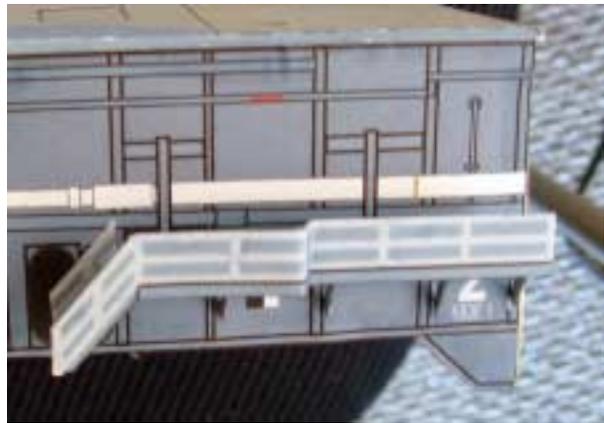
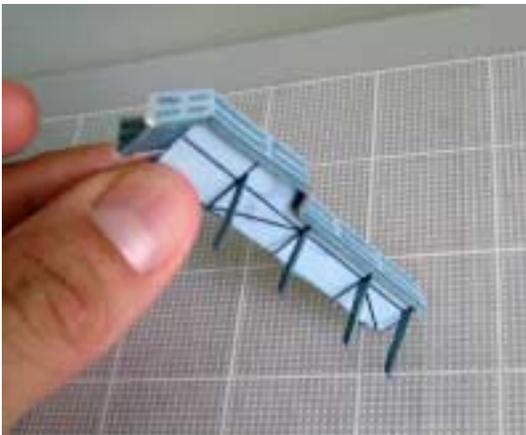
Left bottom deck and canopies in position

**Assembly of right deck**

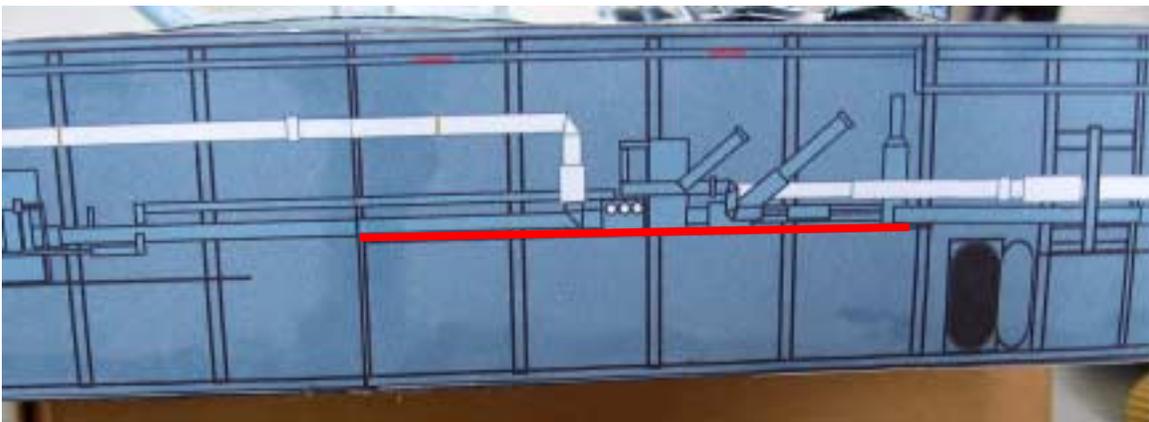


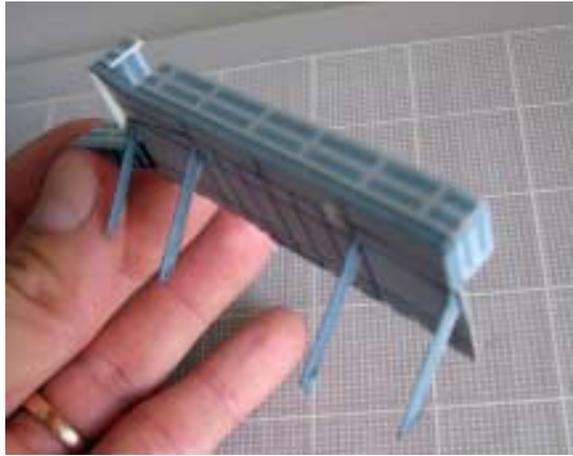
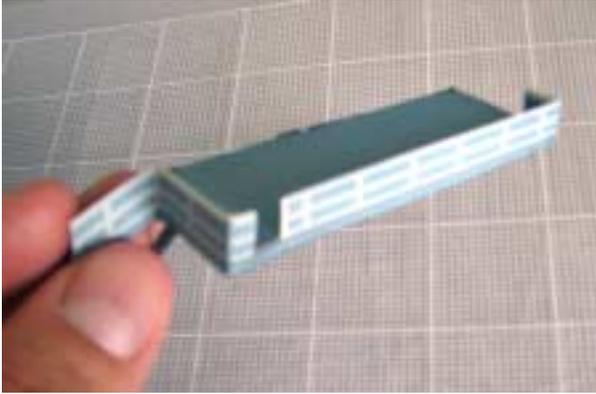
Right deck area indicated by red line.





Assembly of middle deck

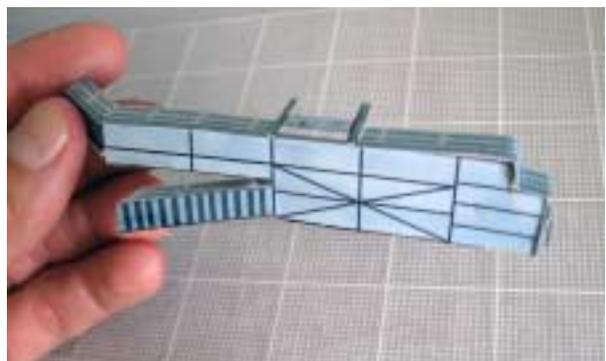
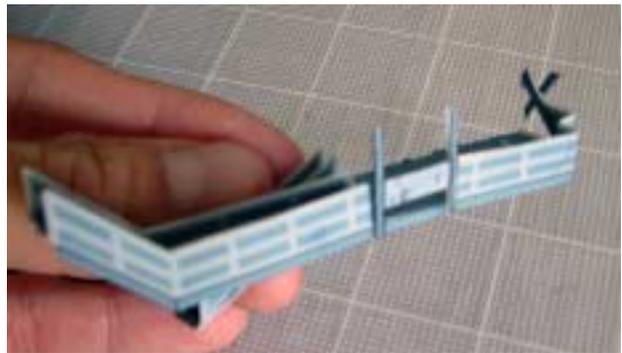
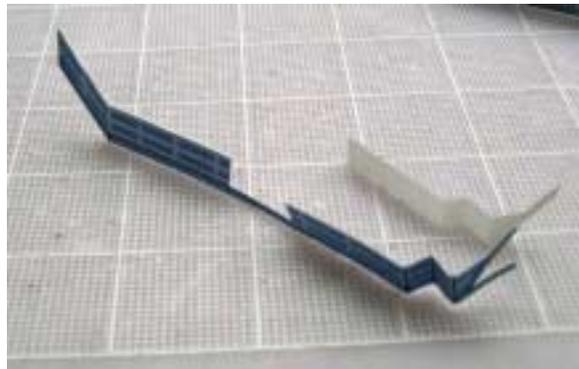
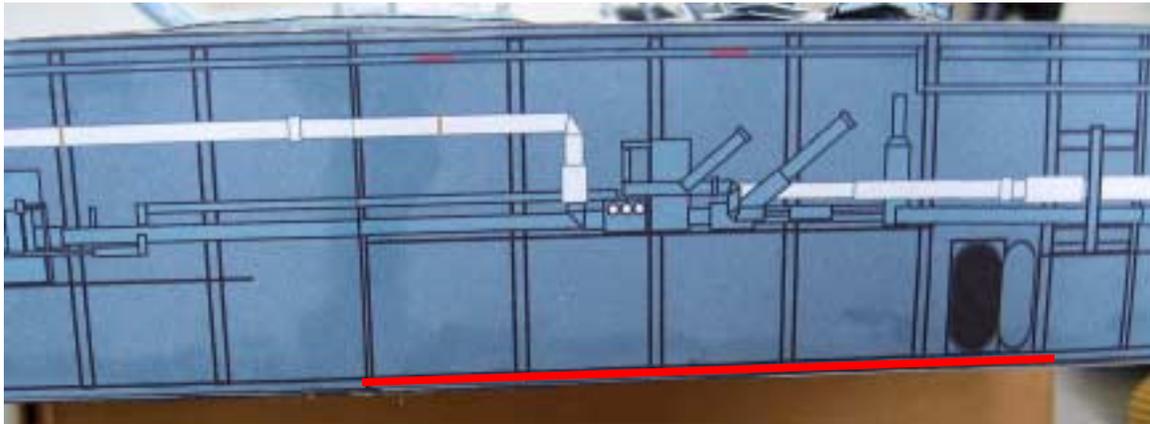


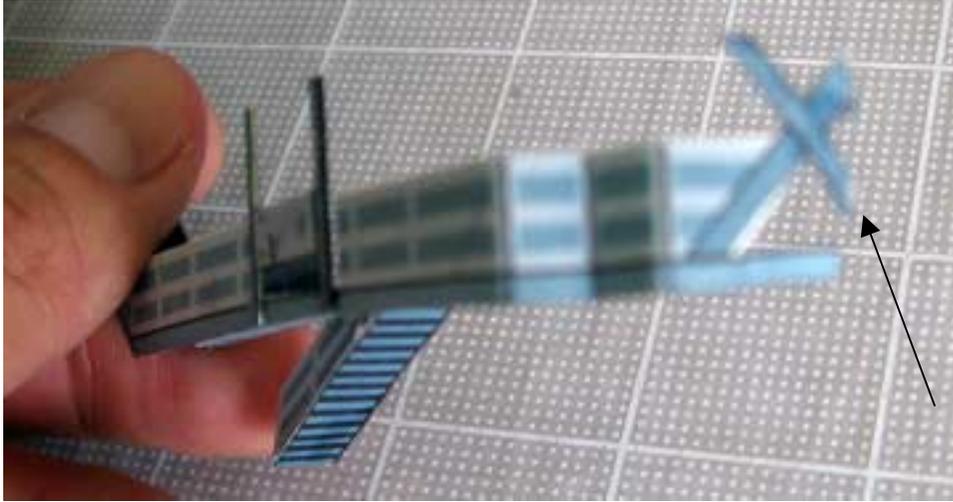


Note that the beams are different in size. The 2 in the middle are a bit larger than the rest for this deck.

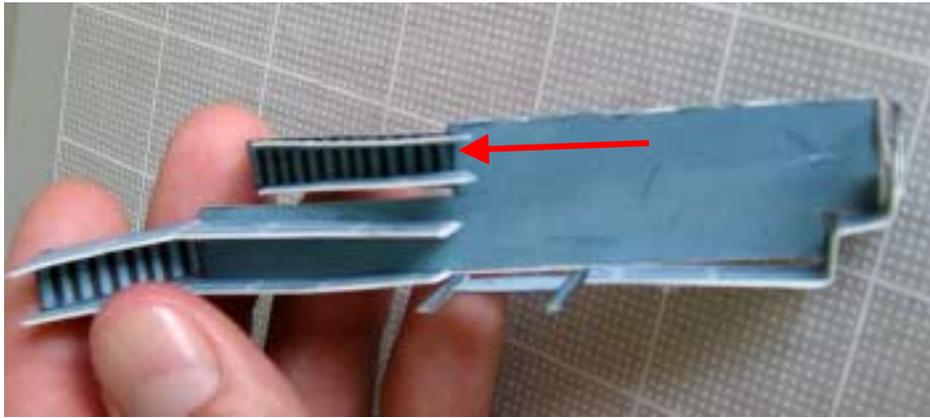


**Assembly of bottom deck (Crawler access)**

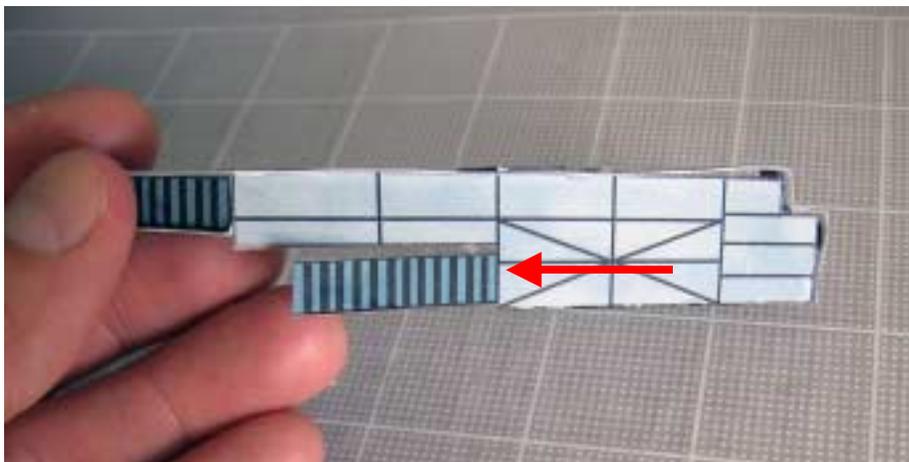


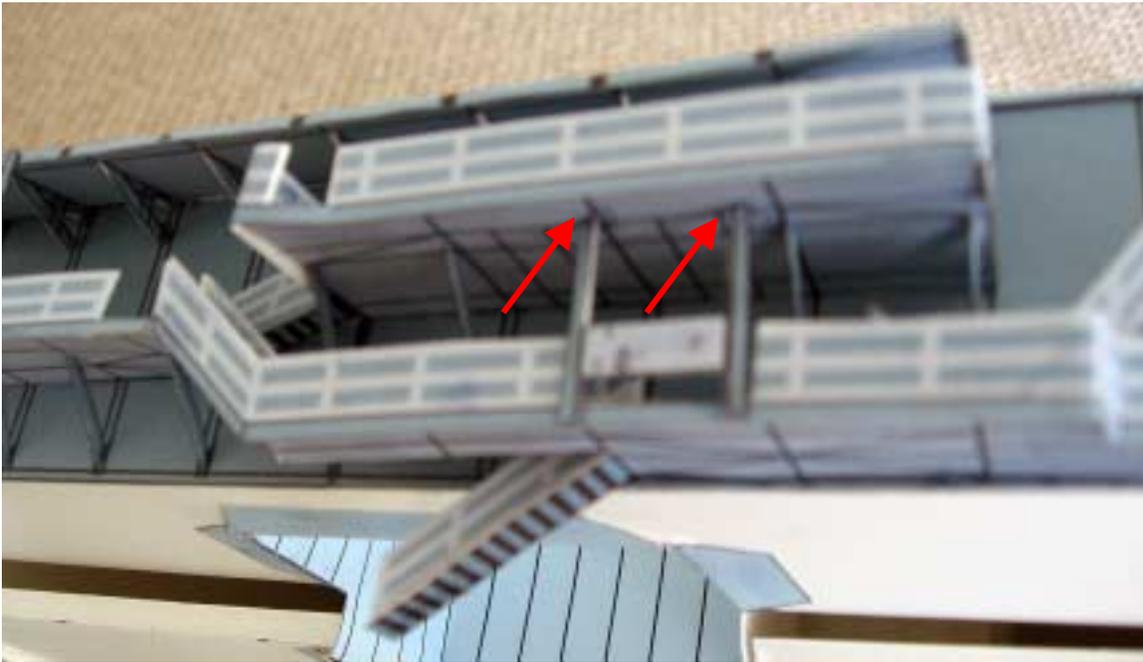
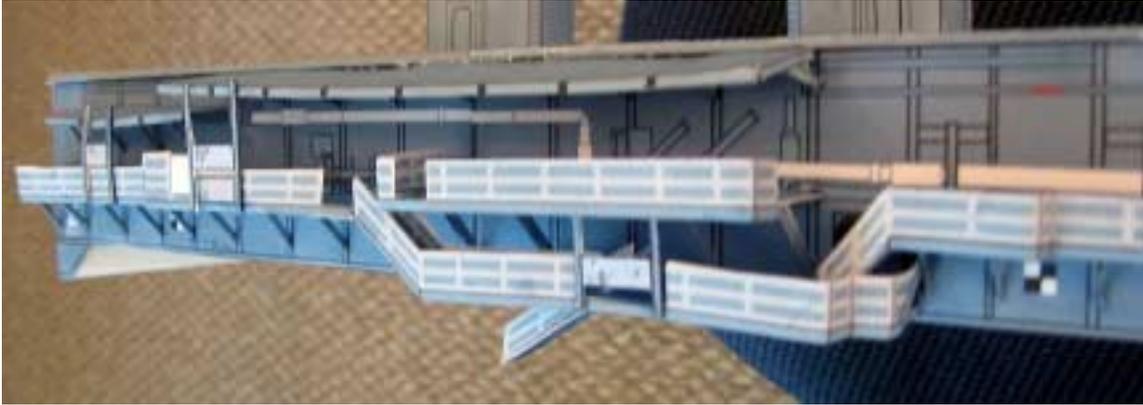


Note detail of beam section.

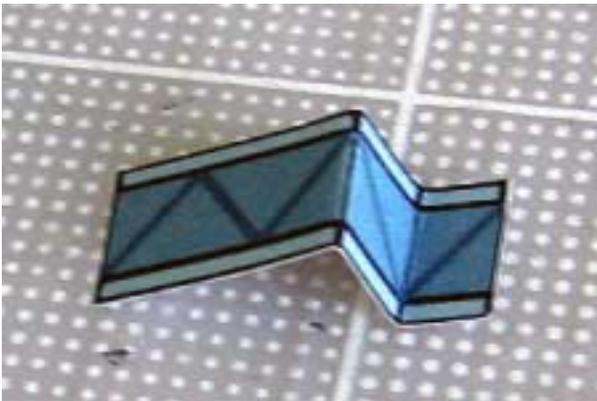


Access to crawler (arrow)





Glue these vertical beams to the ceiling of the upper deck.

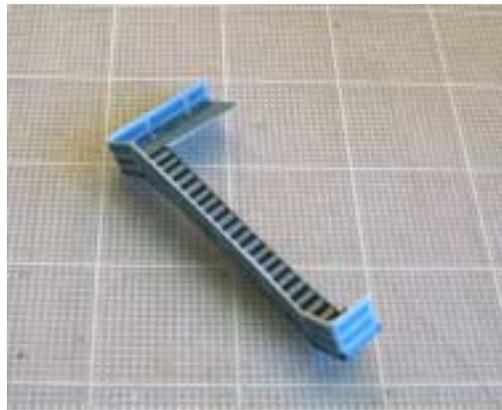
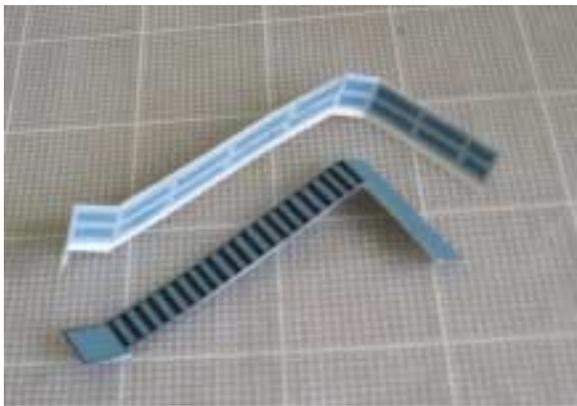


This structure is glued in between the mid-deck and bottom deck covering a small gap in the railing of the mid-deck. (see next page)



Other extra detail added is the stairs to the right of the photo (arrow)

**Addition of the new stairway access.**



These are the building steps for the new stairway access. This stairway first appeared on MLP-1 for STS-97 mission.



Extra beam that holds the stairway to the deck.



before



after



