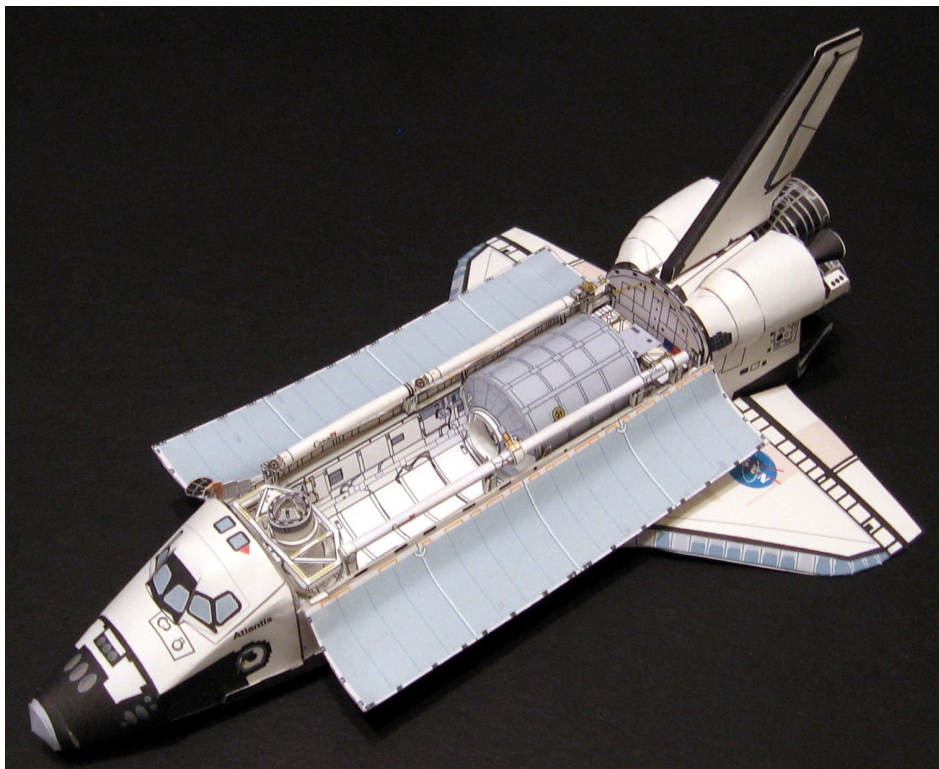




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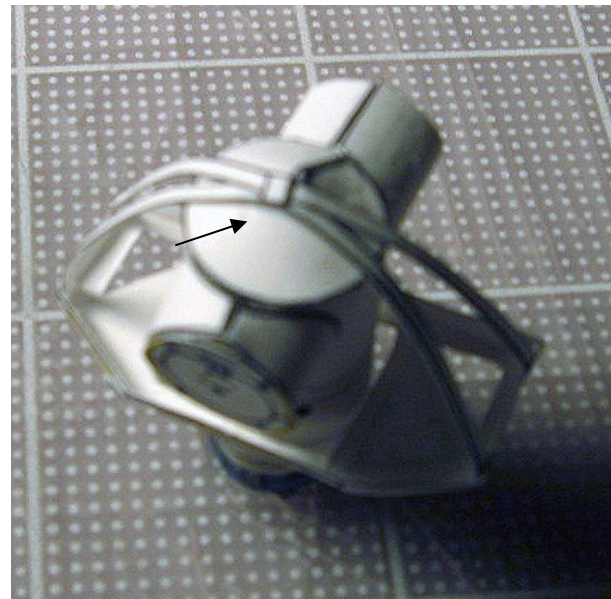
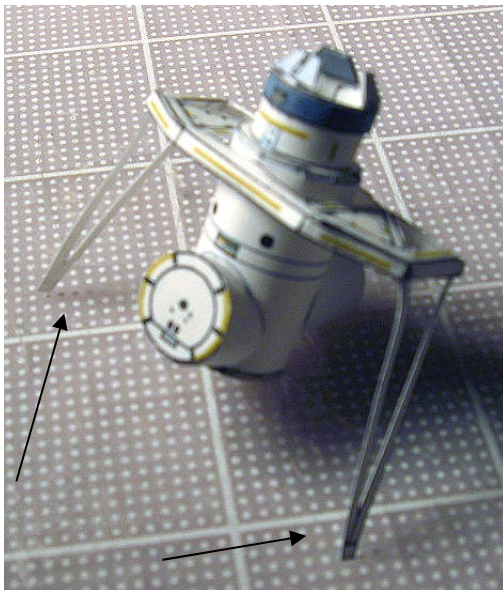
Assembly Instructions for STS-135 payload



Building the Orbiter Docking System



Make a cylinder and glue the elements indicated on this photo.

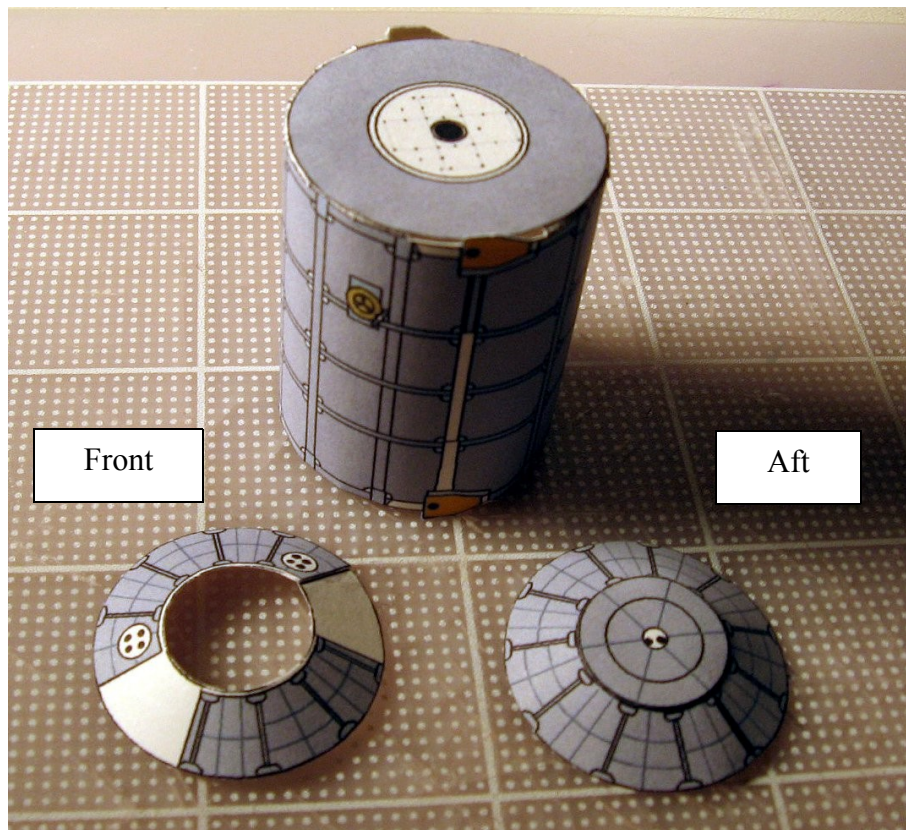


Photos show the position of the other elements when building this Docking System. Note how the side thin parts are glued at the bottom of the Docking System.

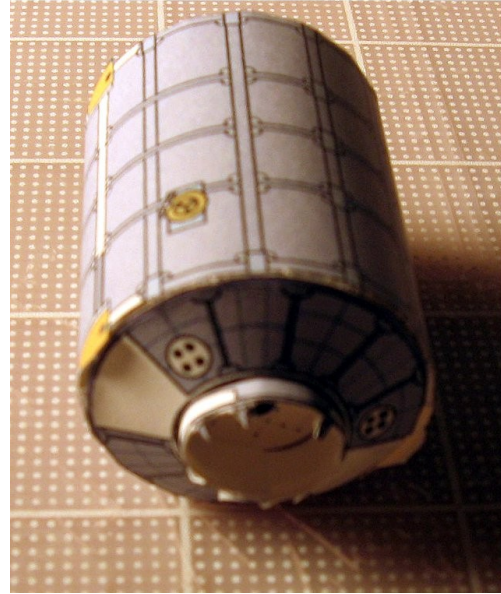


Note location of KU-band antenna that is glued on the tab from the right payload bay door.

Building the MPLM “Raffaello”



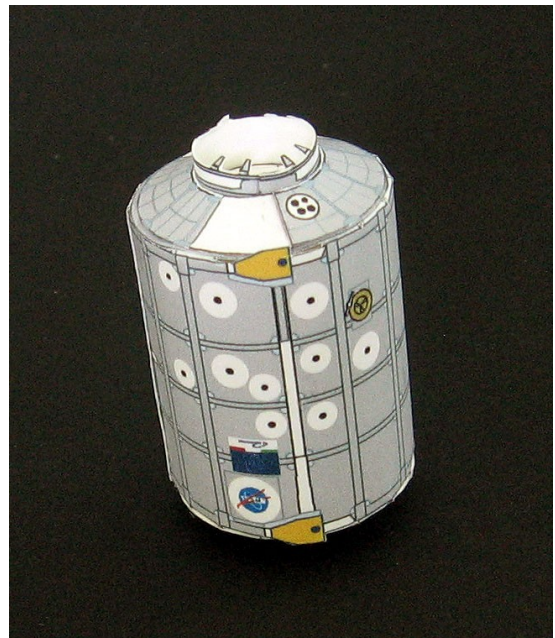
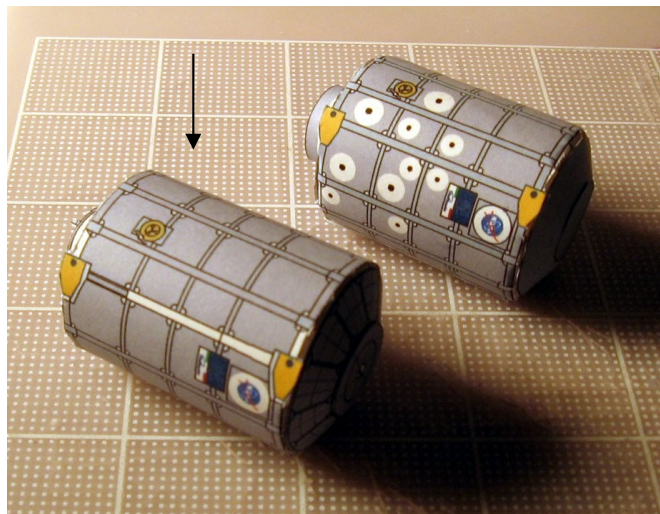
Make a cylinder as photo shows and glue both conical parts on both ends.



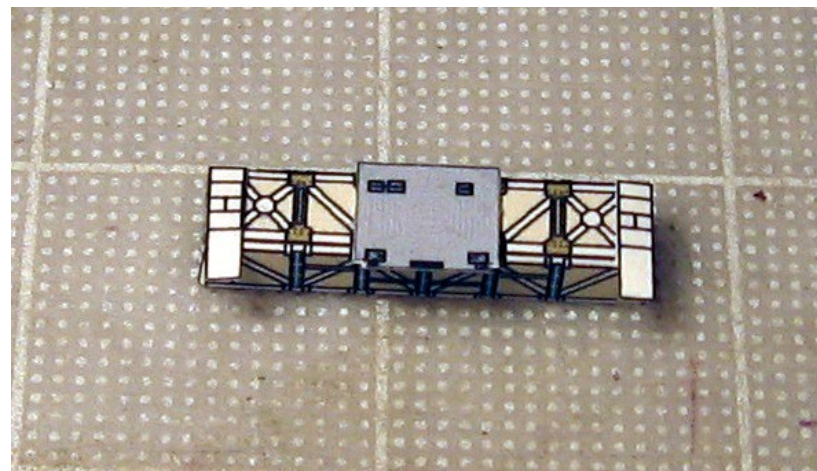
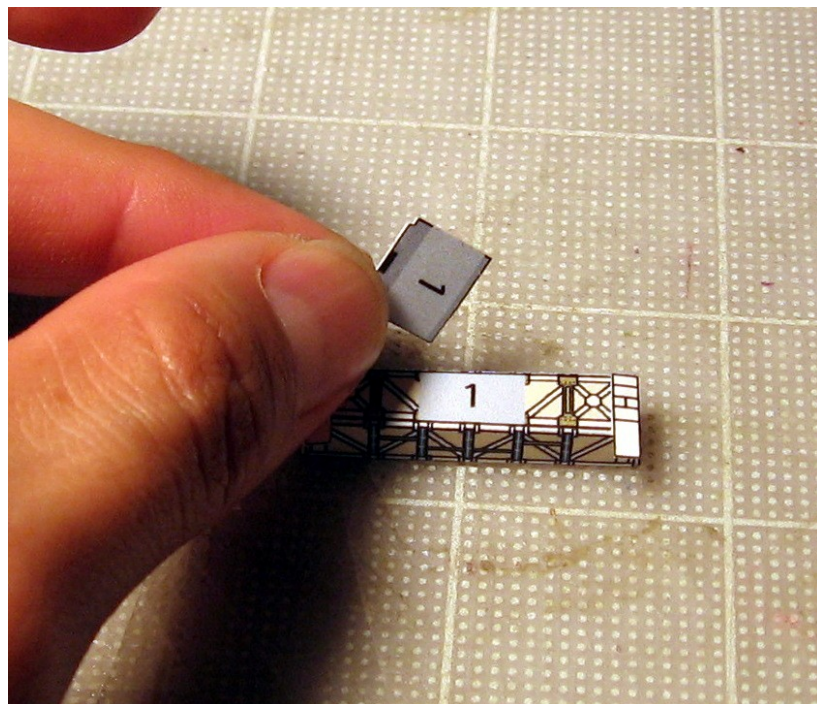
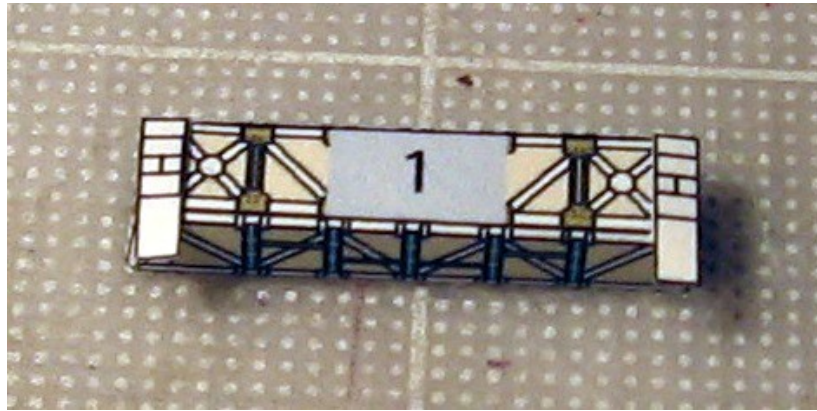
Berthing mechanism attached

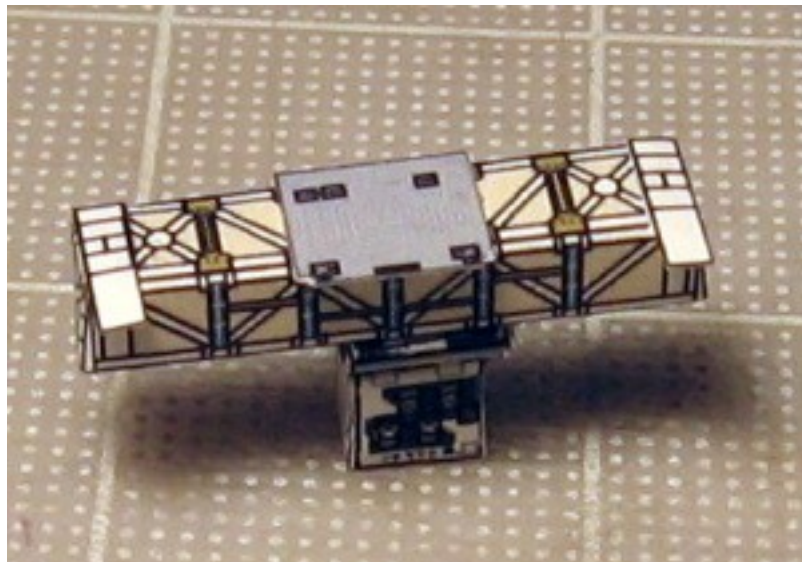
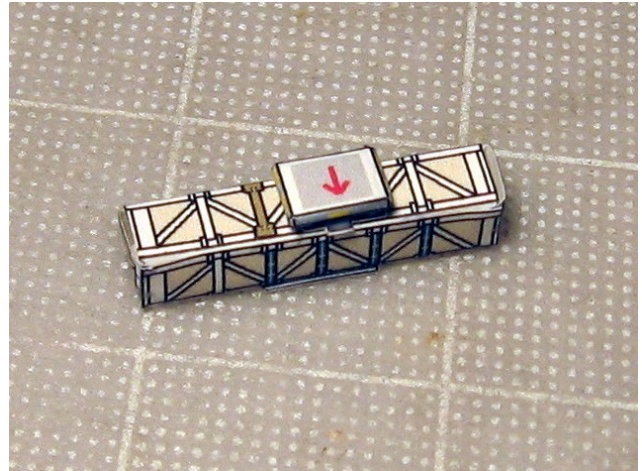
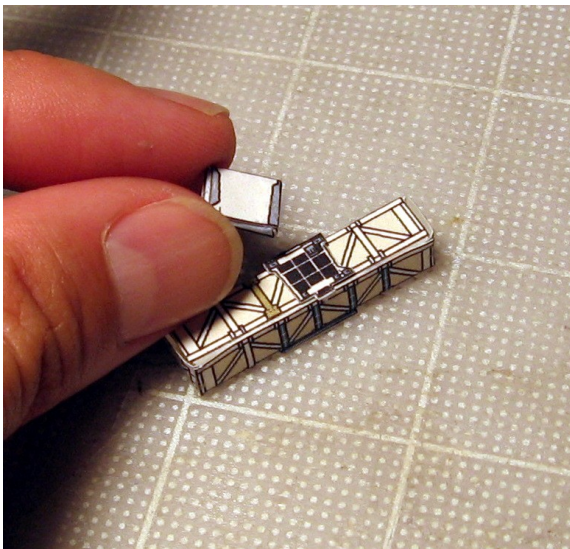
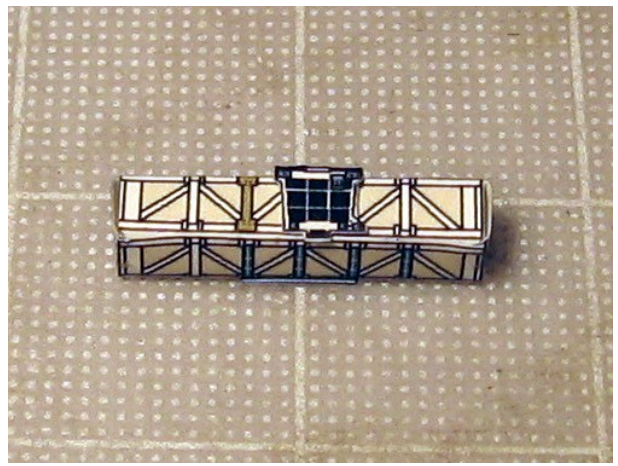
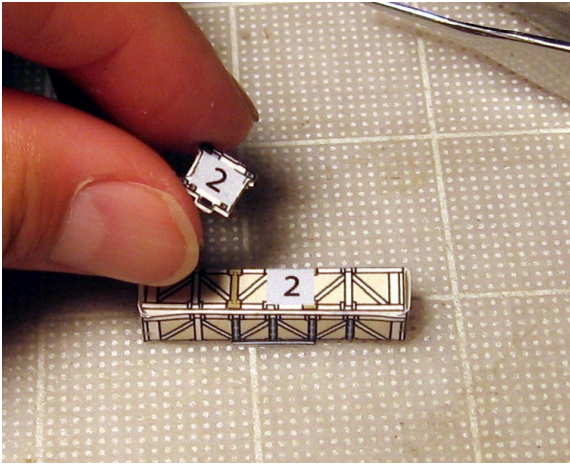
Visual Targets first appeared during the first missions for “Leonardo” and “Raffaello”
(STS-102, STS-100, STS-105, STS-108, and STS-111)

Subsequently, these were deleted for the newer missions STS-114, STS-121, STS-126, STS-128,
STS-131, STS-133 and STS-135 (arrow)

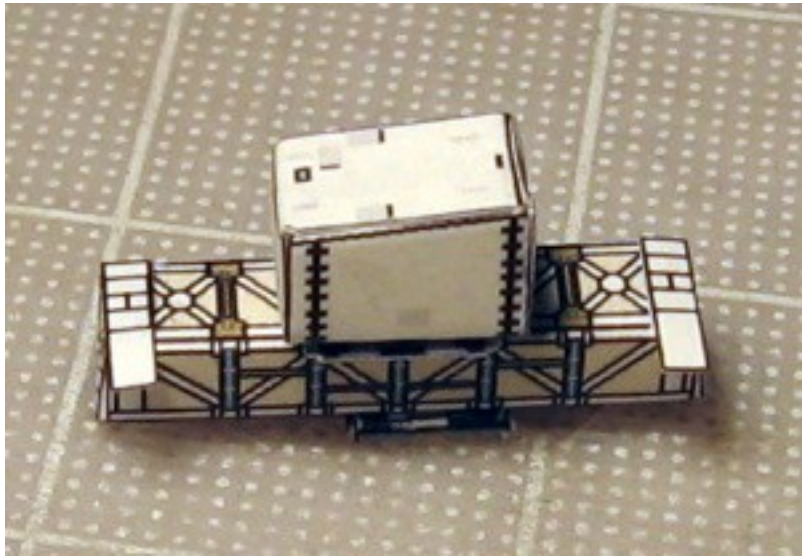


Building the Light-weight multipurpose carrier (LMC)

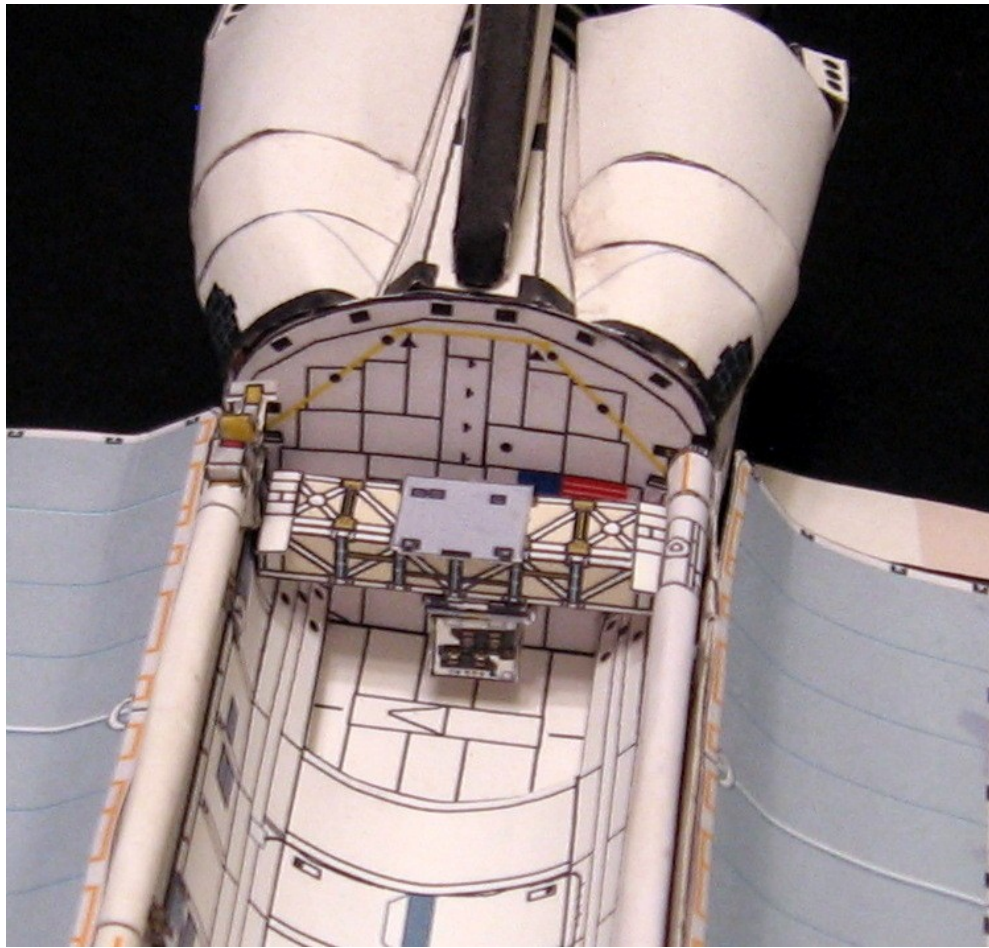




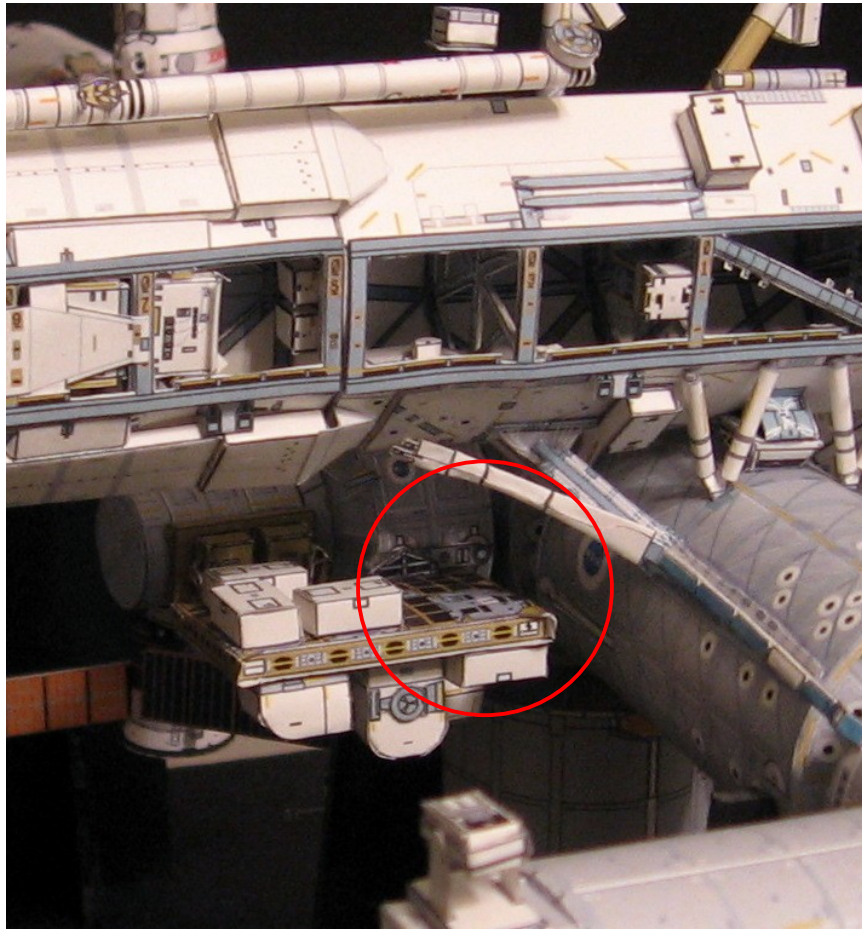
RMM placed underneath the LMC for launch configuration



Old Pump Module placed on top the LMC for landing configuration

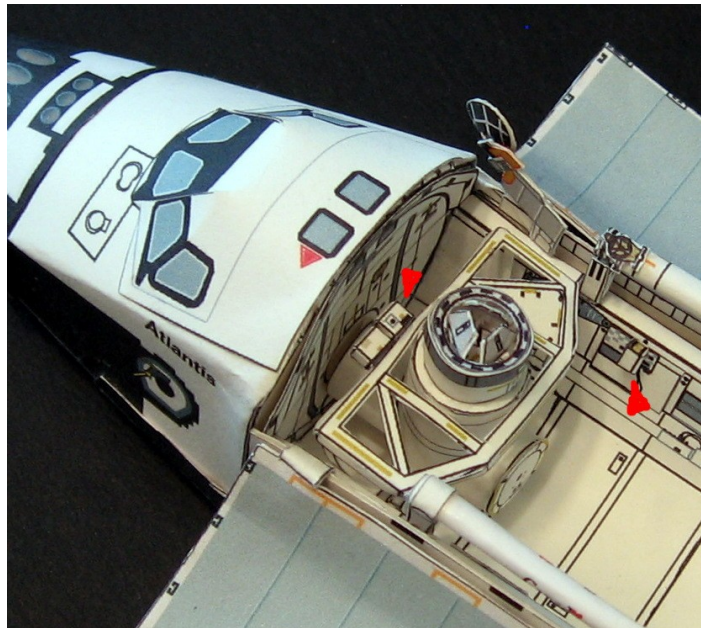


LMC location on the payload bay

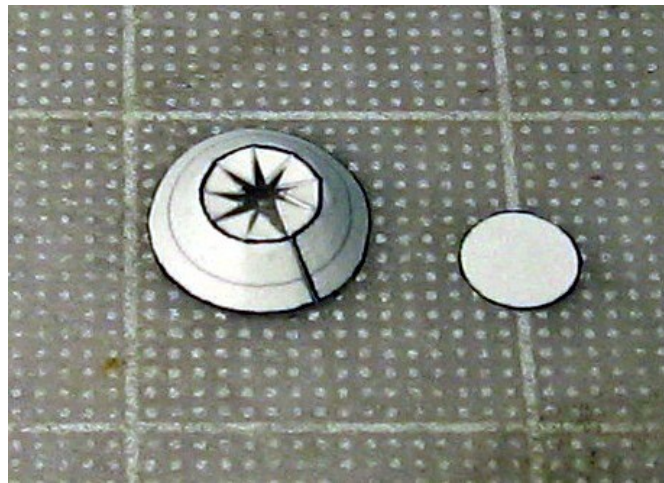
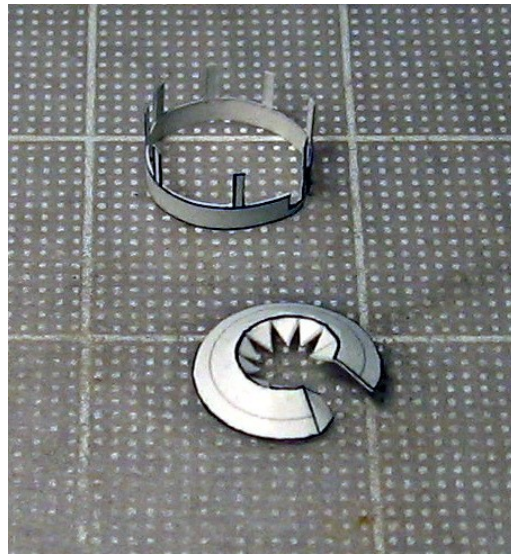


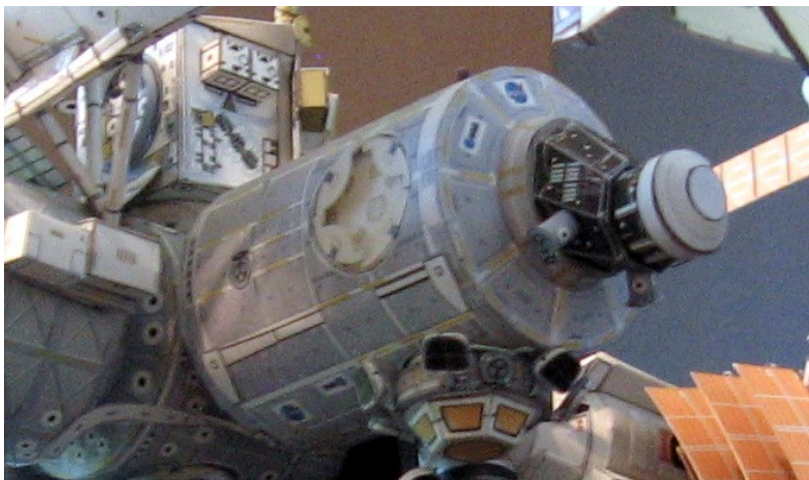
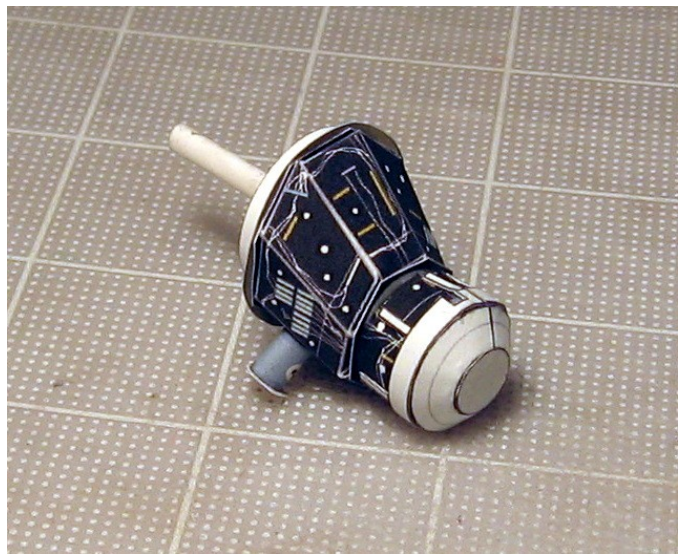
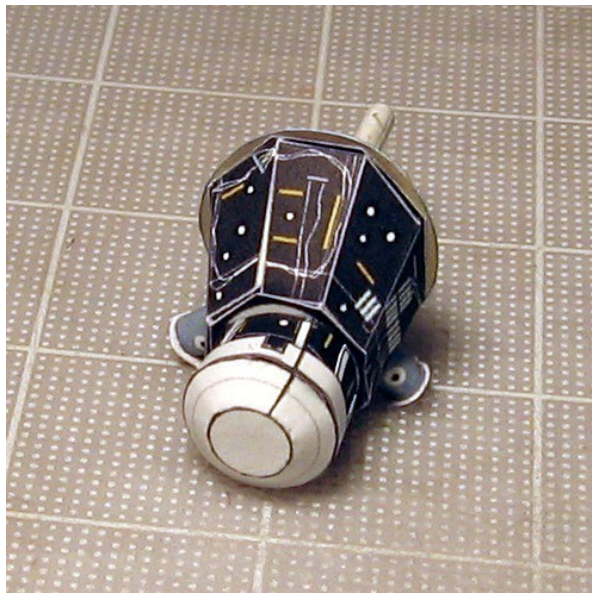
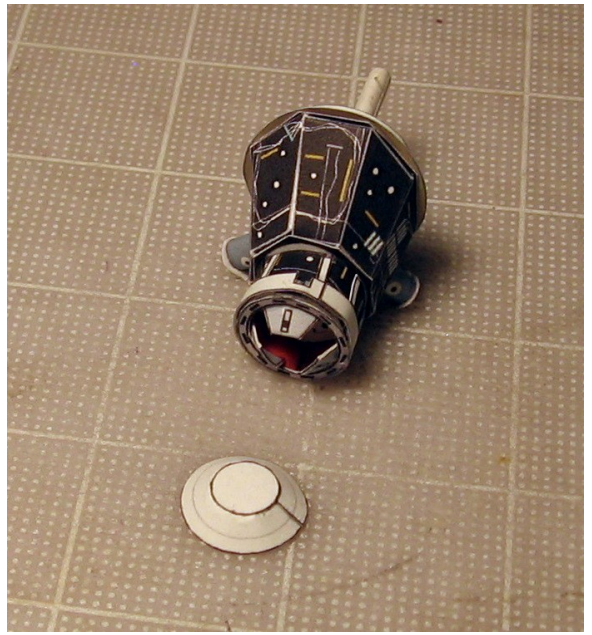
The ESP-2 pallet on the ISS after removal of old Pump Module

Installing the TRIDAR box and the PICOSAT satellite

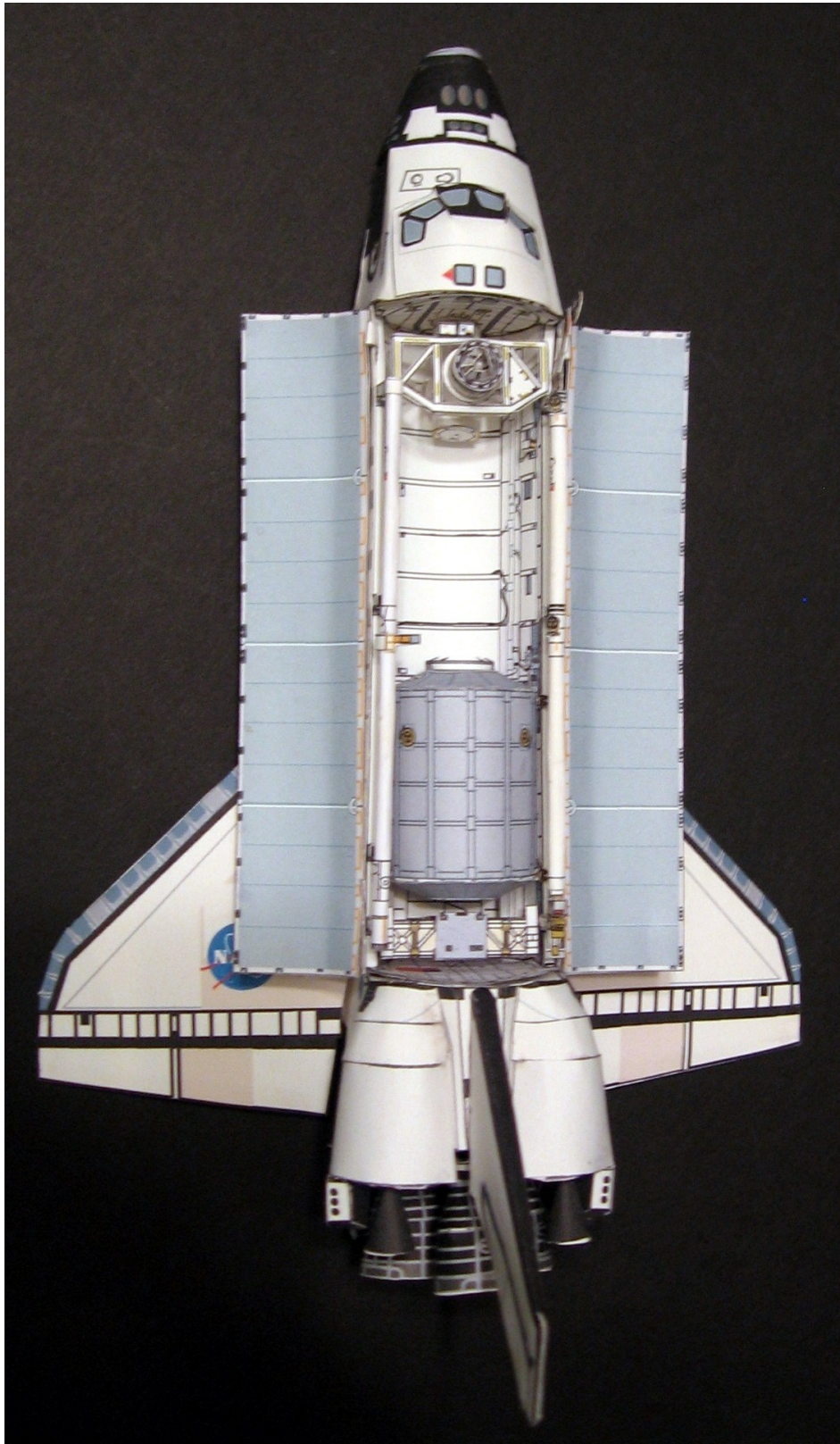


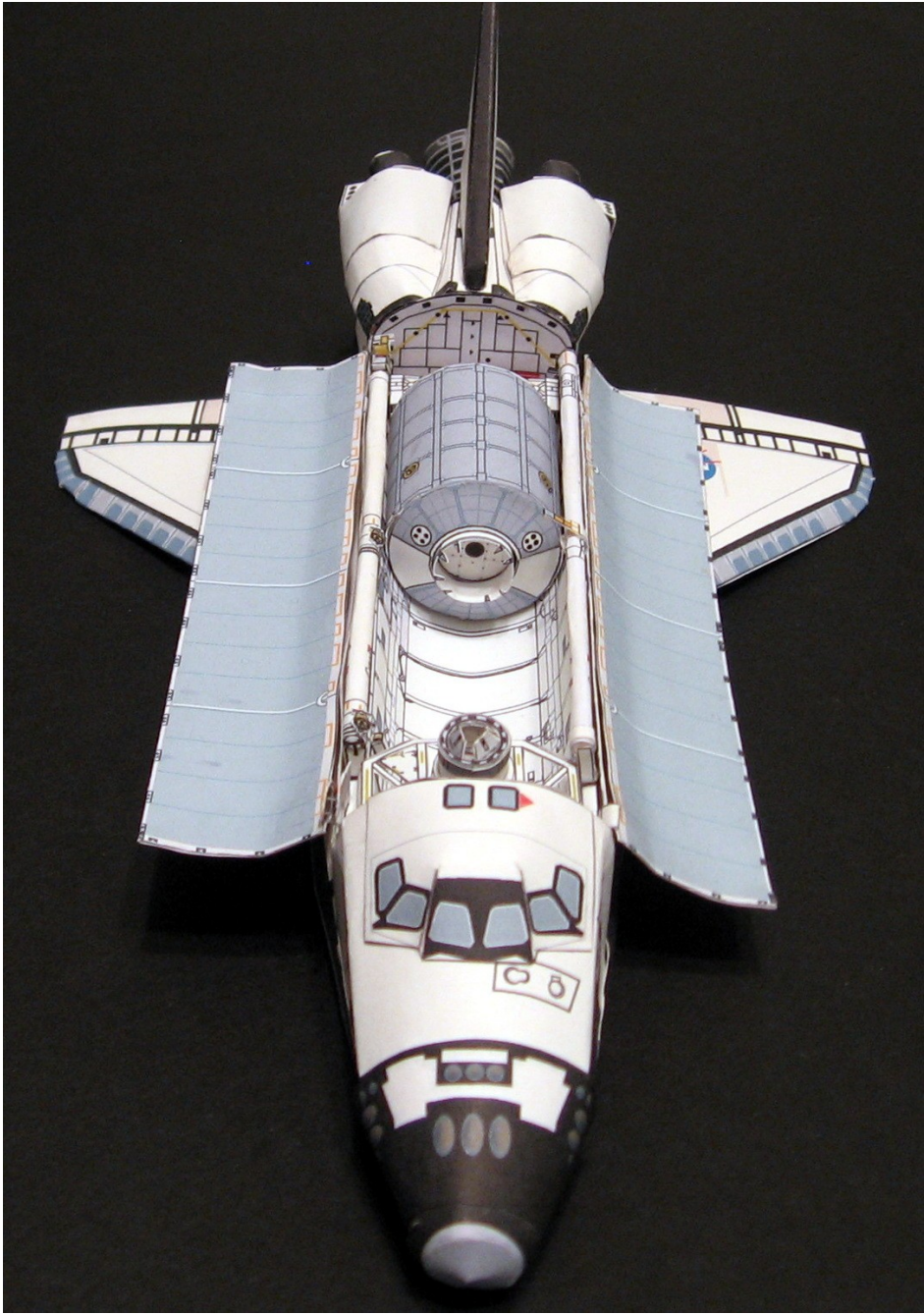
Covering the PMA-3 with the thermal blanket

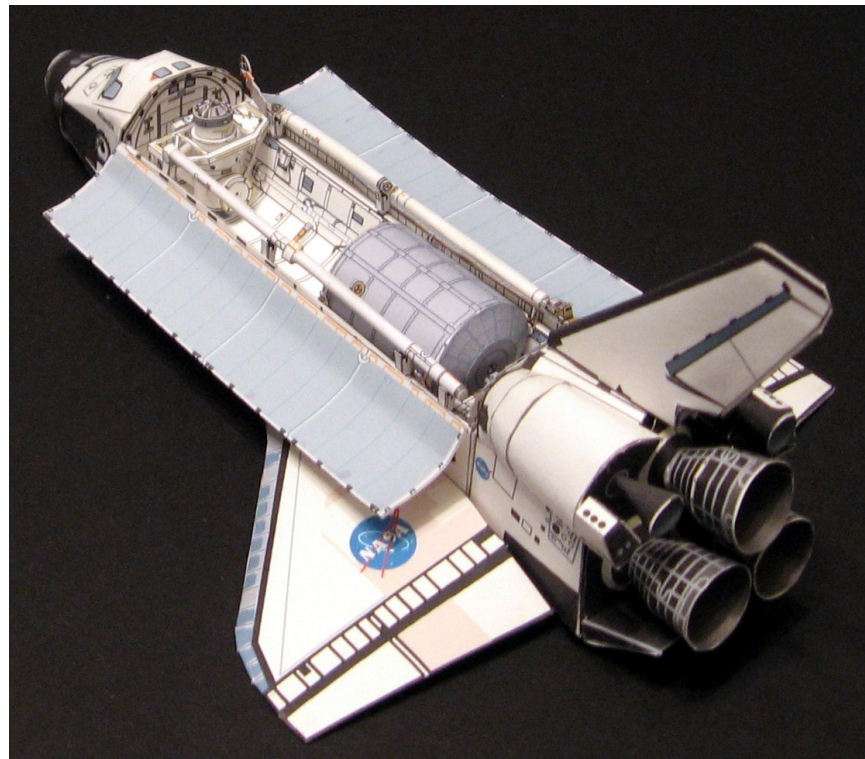
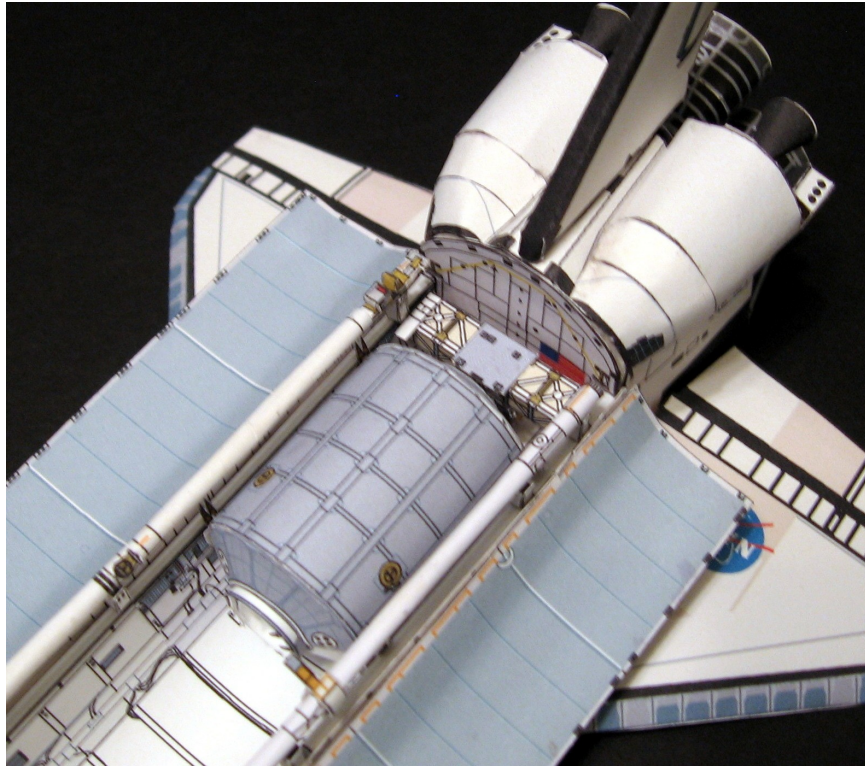




REFERENCE PHOTOS







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