

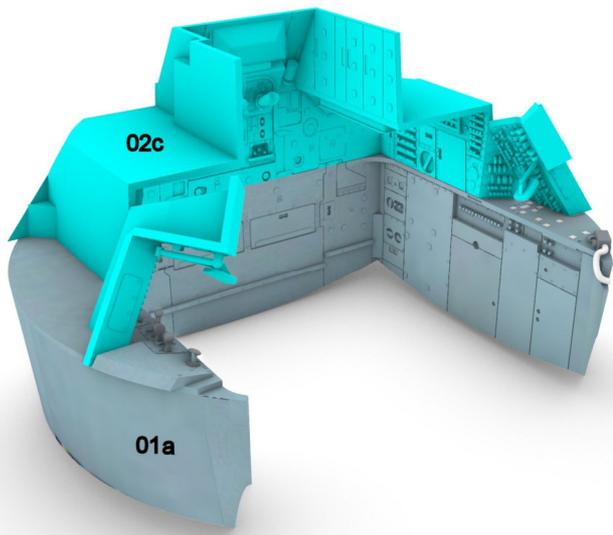
Apollo Command Module Landing configuration

For further information on building this model check
<http://spacemodels.nuxit.net/1-32%20complete%20CSM/index.html#The splashdown version>

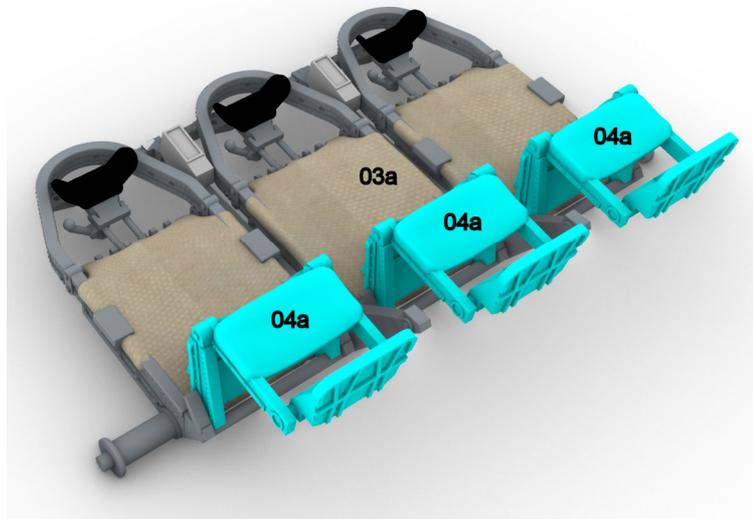
<http://spacemodels.nuxit.net/1-32%20CM/index.htm>

Decals available here

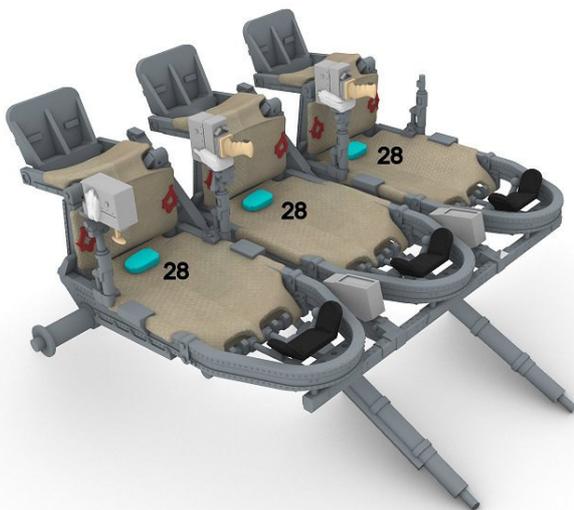
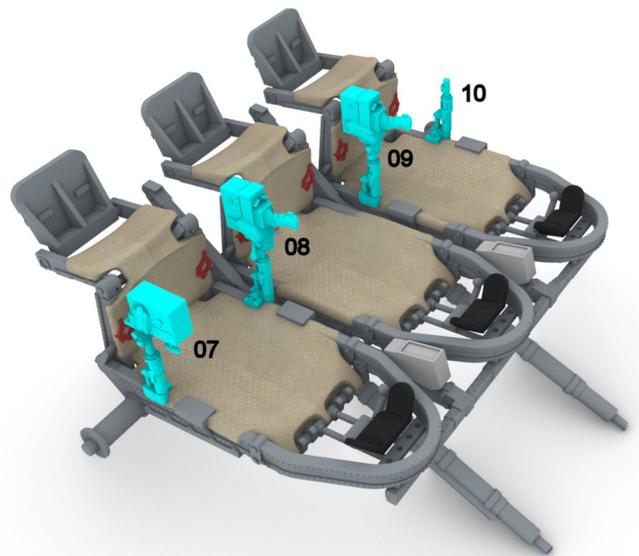
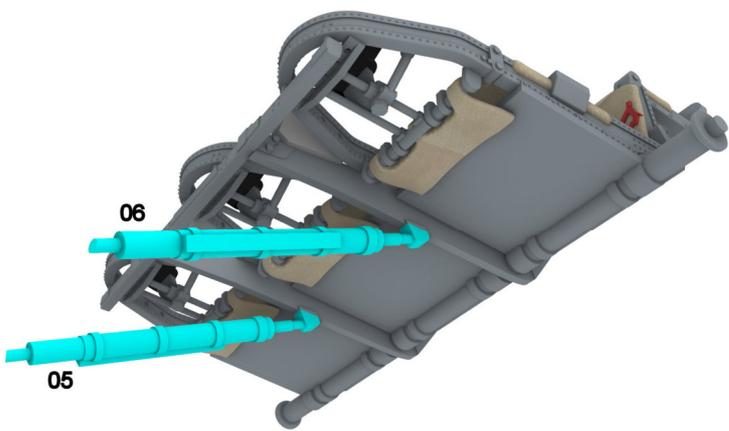
https://www.culttvmanshop.com/Apollo-CSM-132-scale-decals-from-Space-Model-Systems_p_884.html



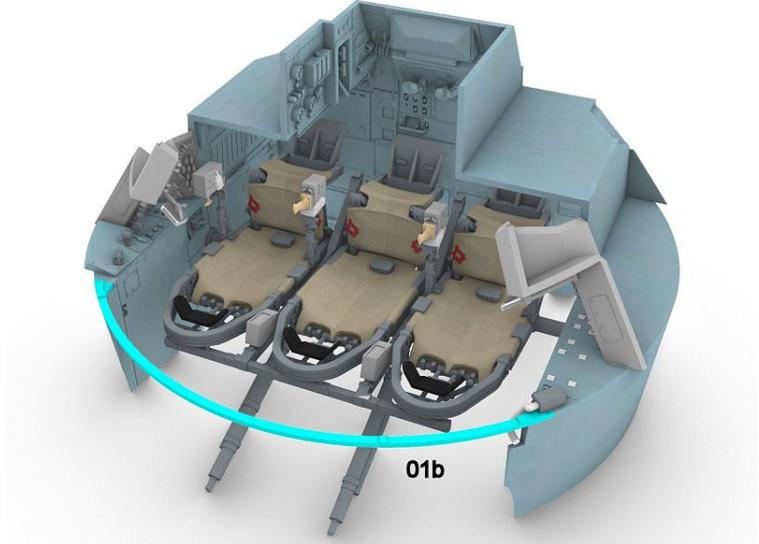
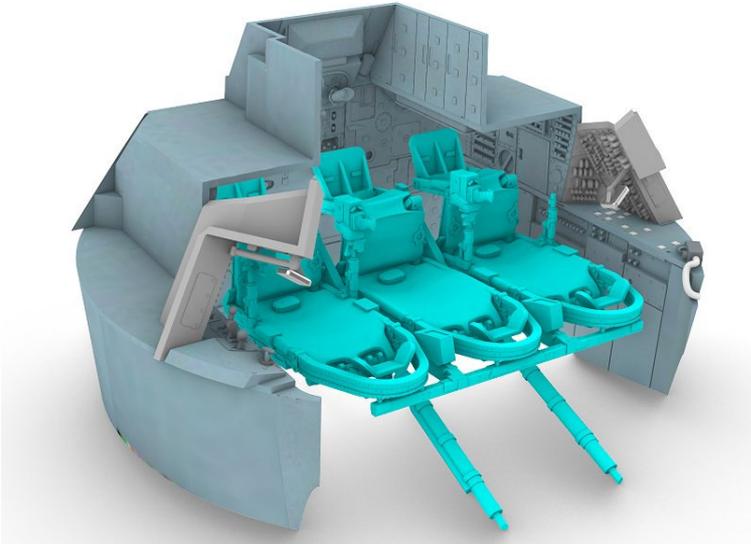
All panels inside the command module are shown.



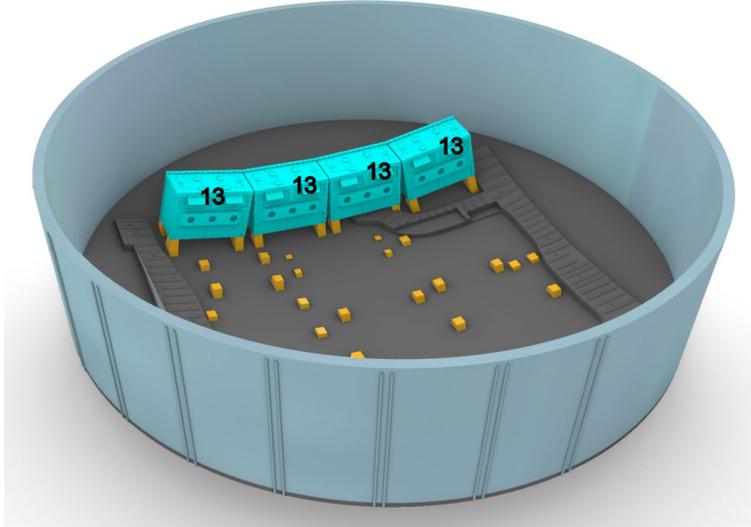
The couches are represented with the leg and foot pans in landing configuration.



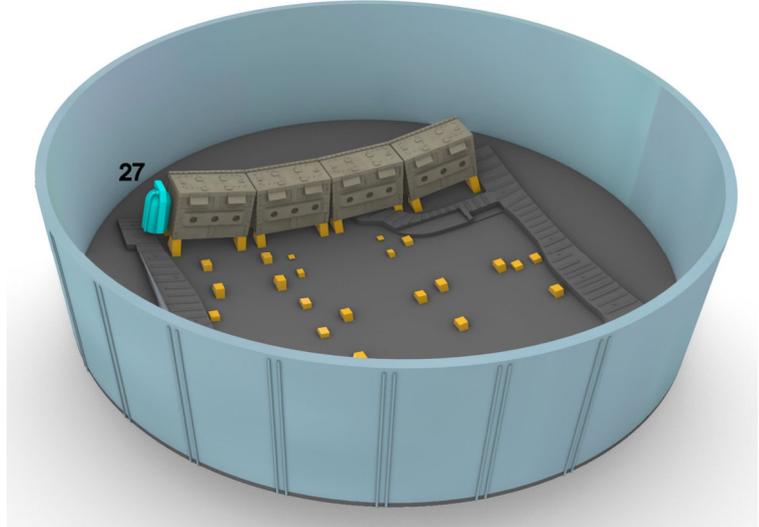
Part 28 is the safety belt buckle, you will need to create the belt out of paper strips as shown on the photo.



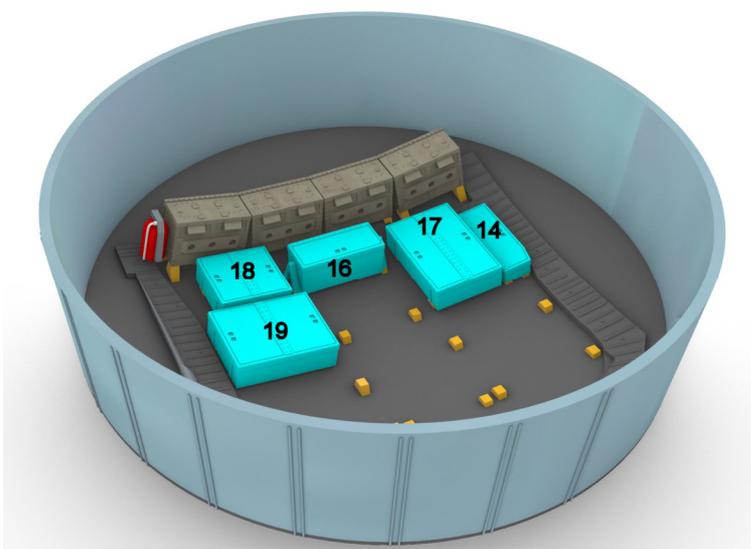
The three couches are inserted into the lower intermediate bays. DO NOT GLUE THEM. they will be able to rotate around the main support strut and will be fixed later when the other struts will fix the couches onto the main display and the LM access tunnel.



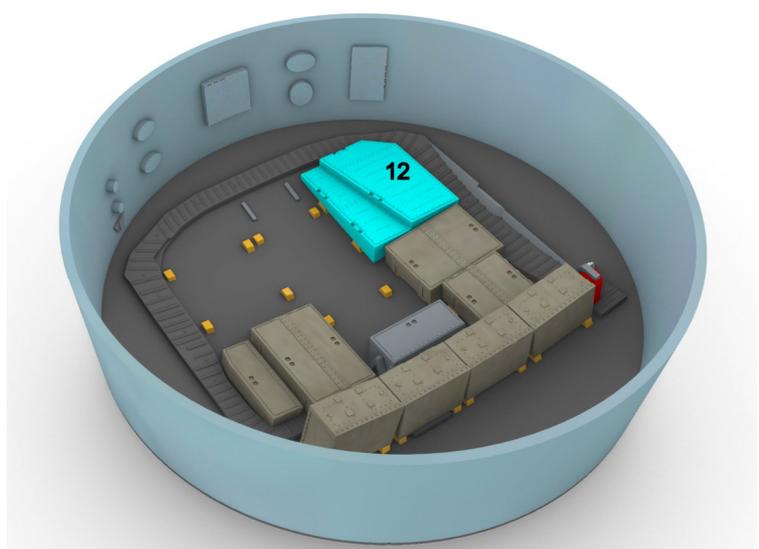
Stowages A3 to A7 installed in the aft bulkhead section of the Command Module.



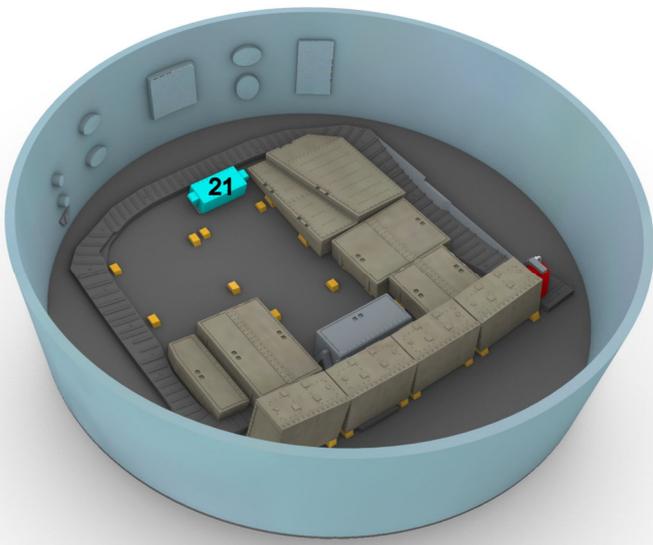
Extinguisher fixed onto the side of the A3 stowage.



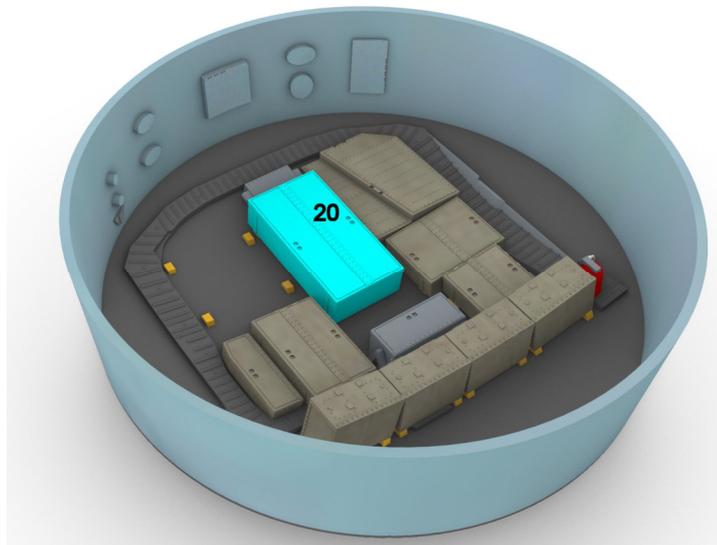
Stowages A7 (14), A9 (16), K2 (17), K3 (18) and K4 (19) installed in the aft bulkhead section of the Command Module.



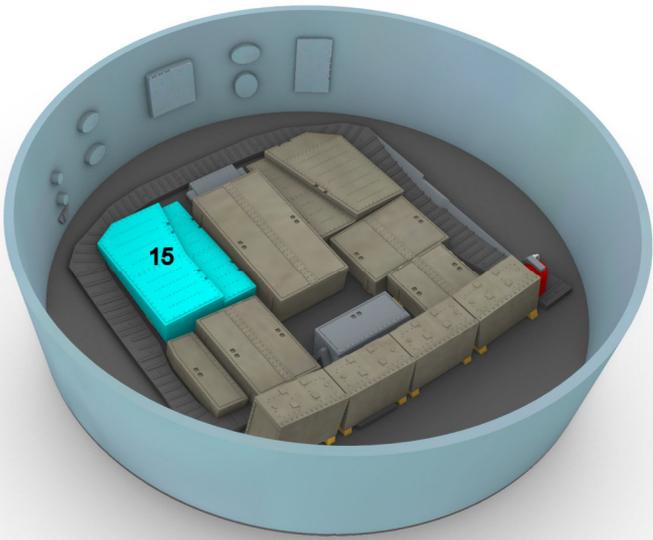
Stowage A1 (12) installed in the aft bulkhead section of the Command Module.



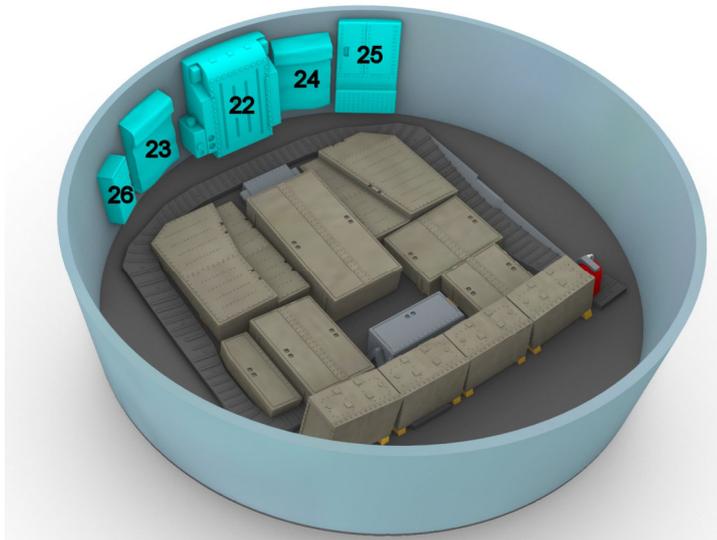
J box (21) installed in the aft bulkhead section of the Command Module.



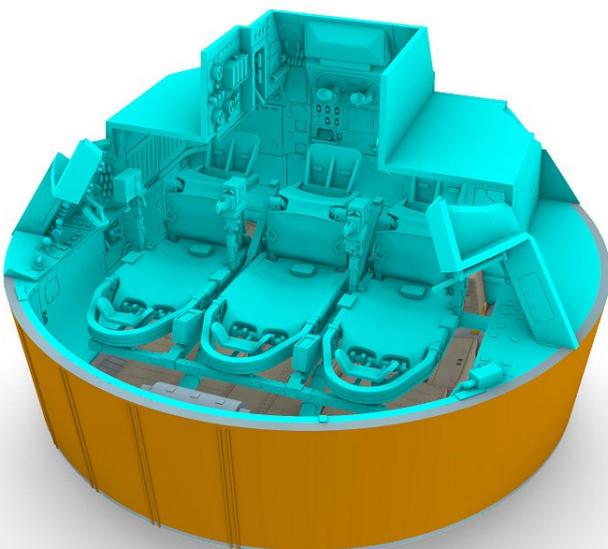
Stowage K5 (20) installed in the aft bulkhead section of the Command Module.



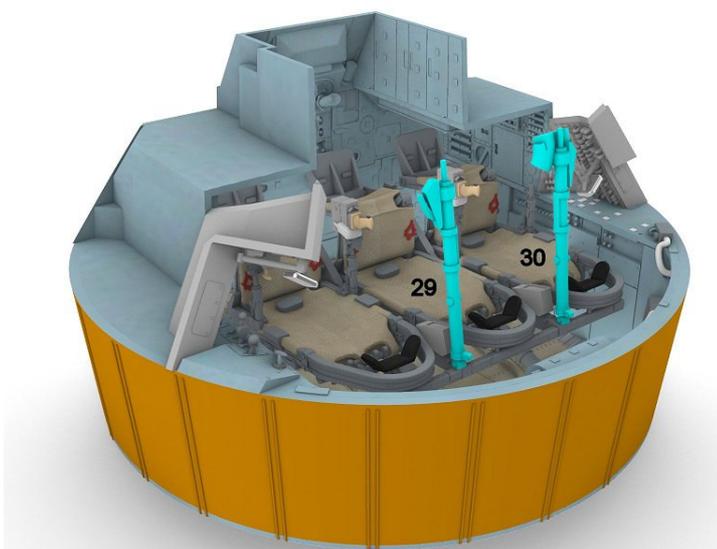
Stowage A8 (15) installed in the aft bulkhead section of the Command Module.



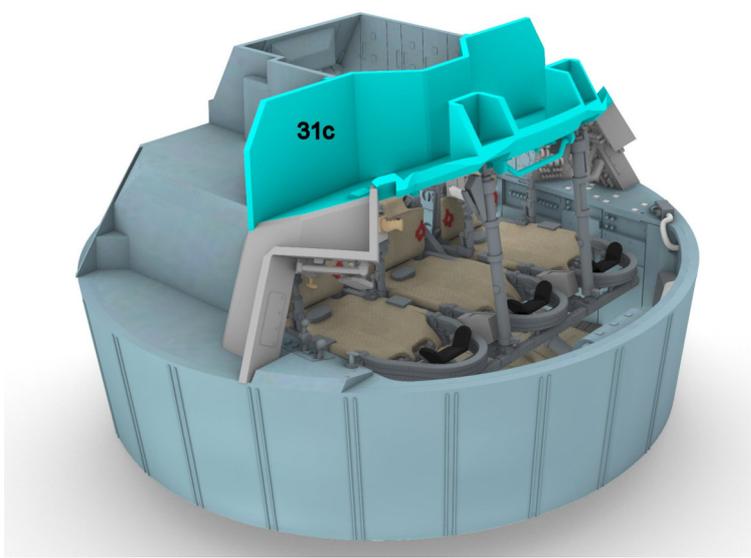
Emergency O2 (22) and stowages U1 (23), U2 (24), U3 (25) and U4 (26) installed in the aft bulkhead section of the Command Module.



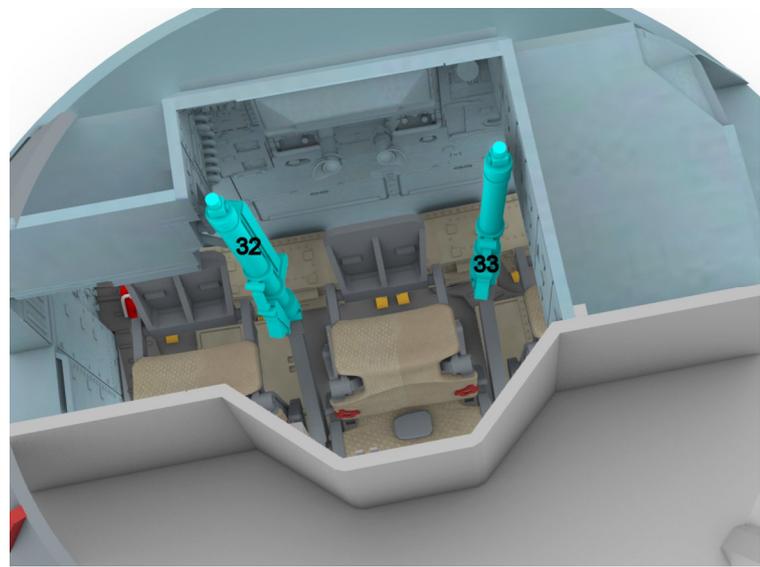
Side displays and astronaut couches assembly fixed into the aft bulkhead section of the Command Module.



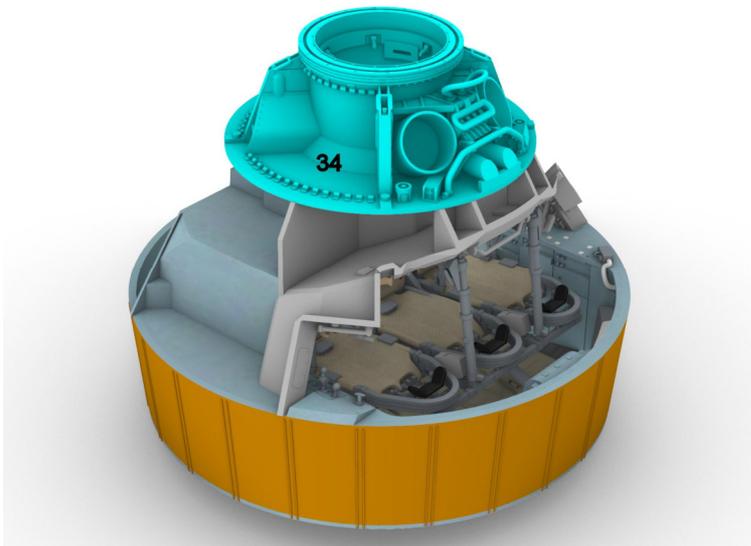
Part 28 is the safety belt buckle, you will need to create the belt out of paper strips as shown in the following image.



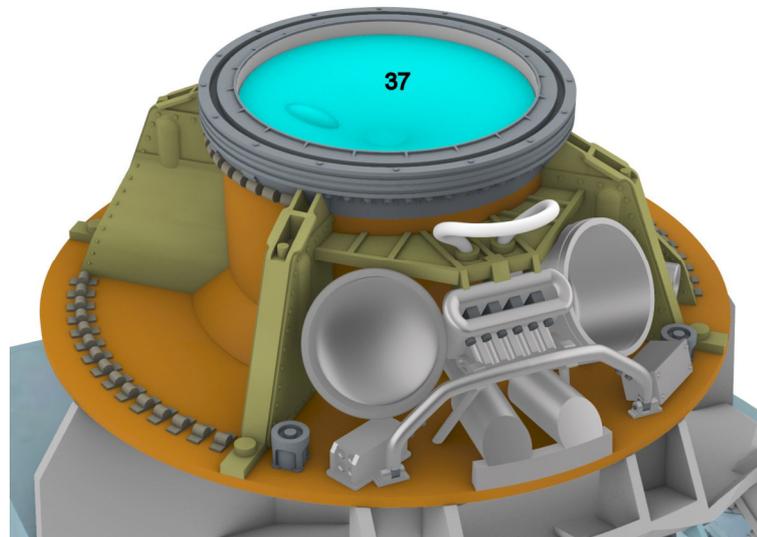
Part 31c is used if you want represent the closed version of the Command Module.



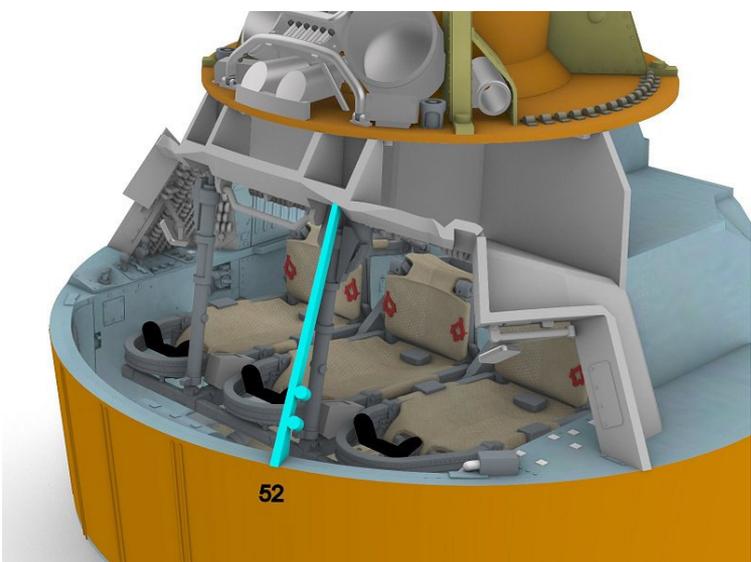
Installation of the head struts.



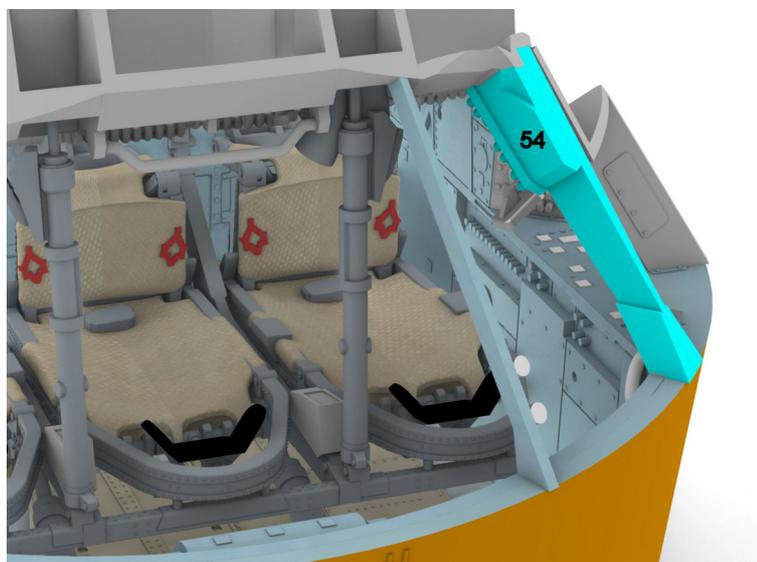
Part 34 is used for the closed version of the Command Module after splashdown.



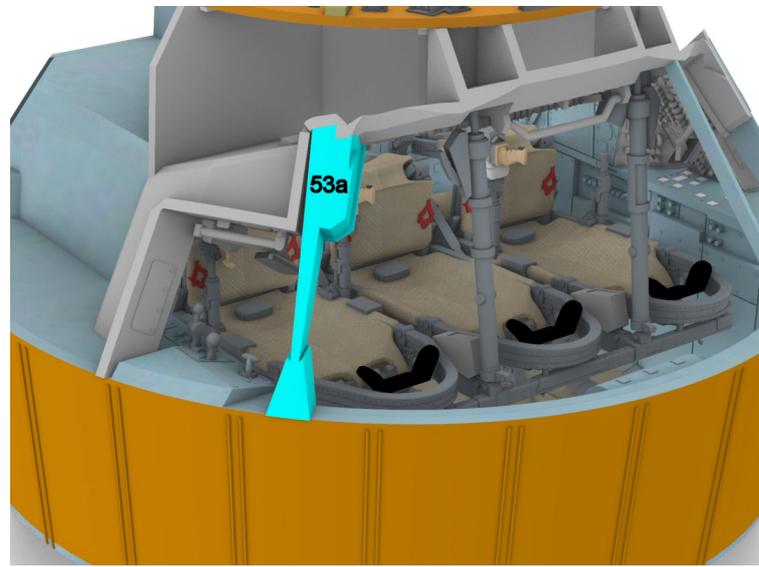
The upper hatch (part 37) is installed.



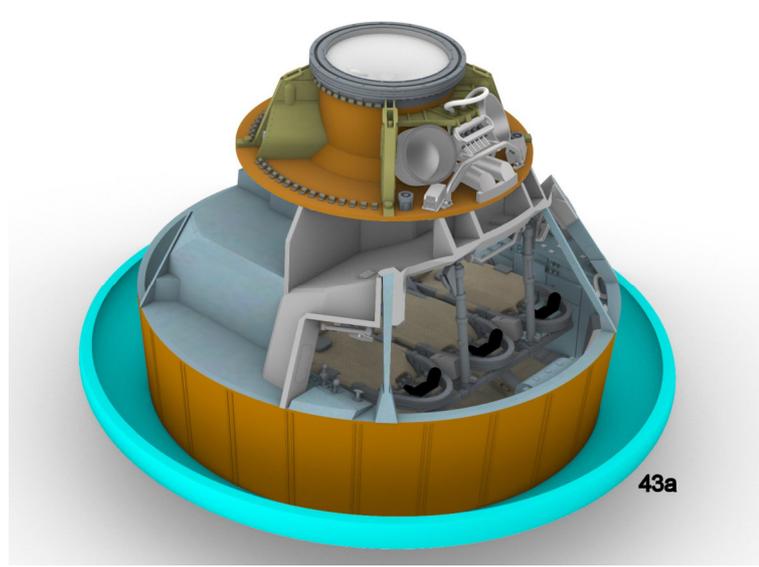
Stringer attached (part 52).



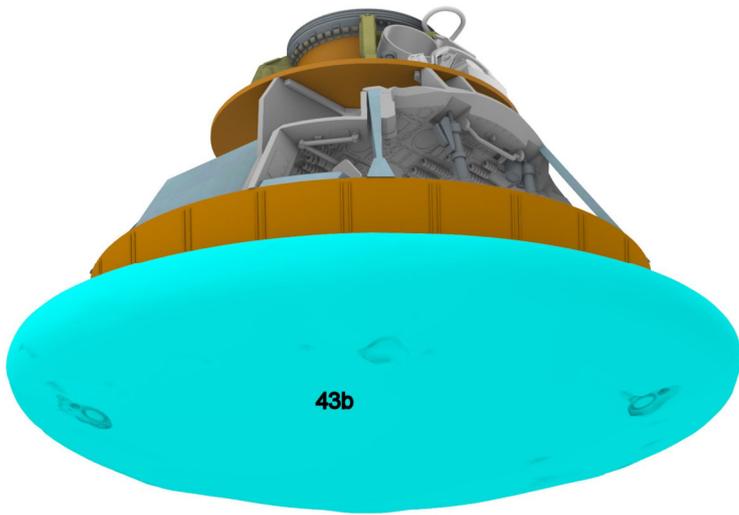
Installation of Panel 16 (part 54).



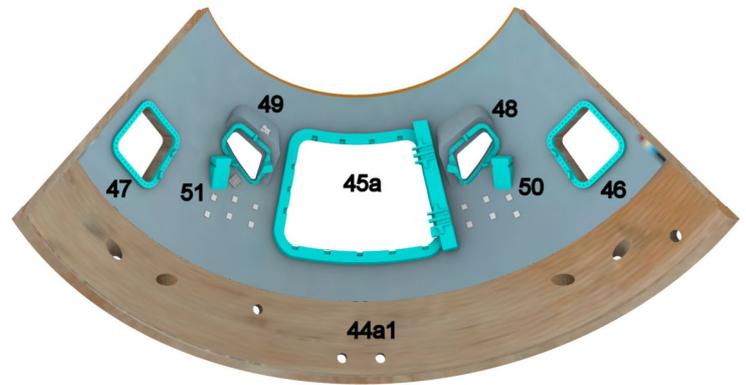
Installation of Panel 15 for the closed model (part 53a).



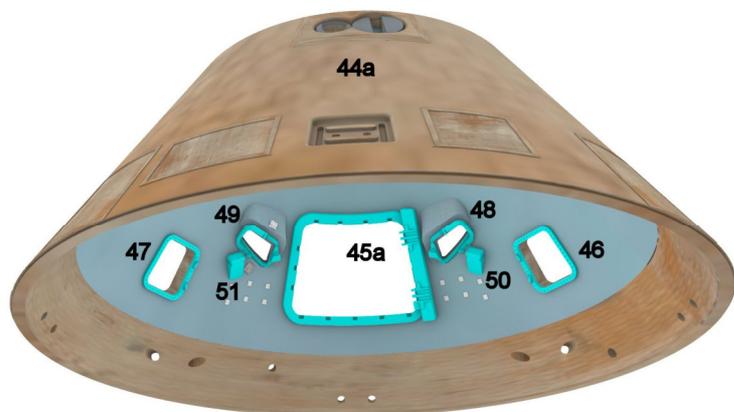
Installation of the heat shield.



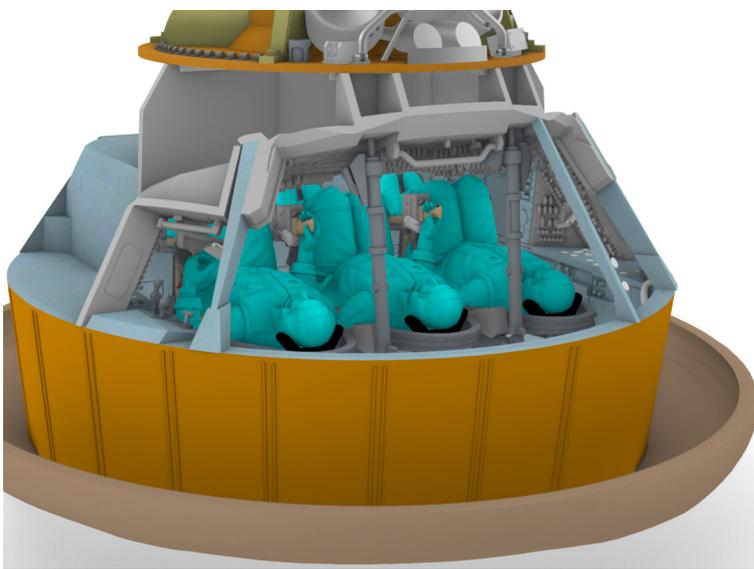
If you want to build a model after landing (Smithsonian type exhibition) a better option for the heat shield would be the Apollo 11 one based on the NASM scan.



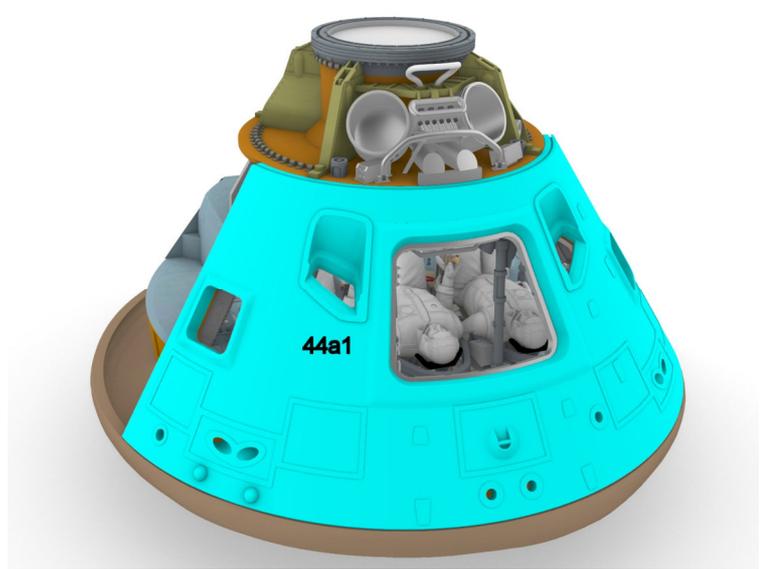
For a closed capsule, hatch interface (part 45a), side windows (parts 46 & 47), rendezvous windows (parts 48 & 49) and floodlights (parts 50 & 51) need to be installed on the main shell.



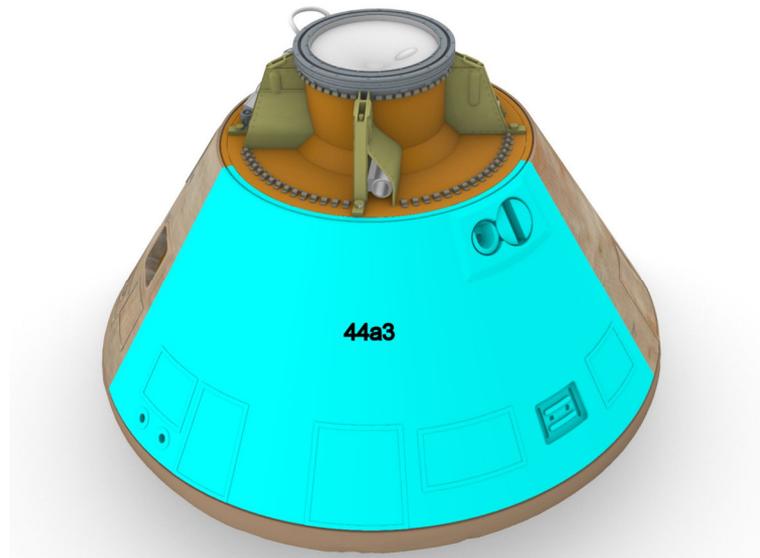
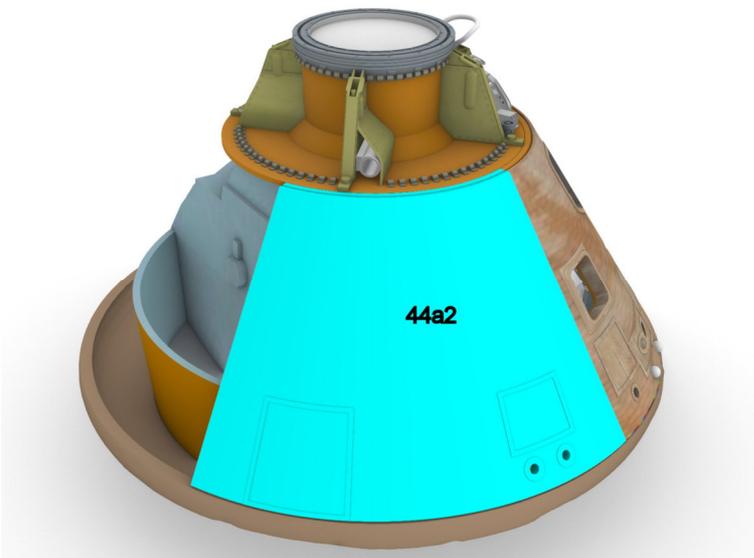
Part 44a1 and subsequent parts 44a2 and 44a3 can be replaced by Part 44a if you have a large printer. If you intend to have a closed hatch, part 45a needs to be replaced by part 45b.



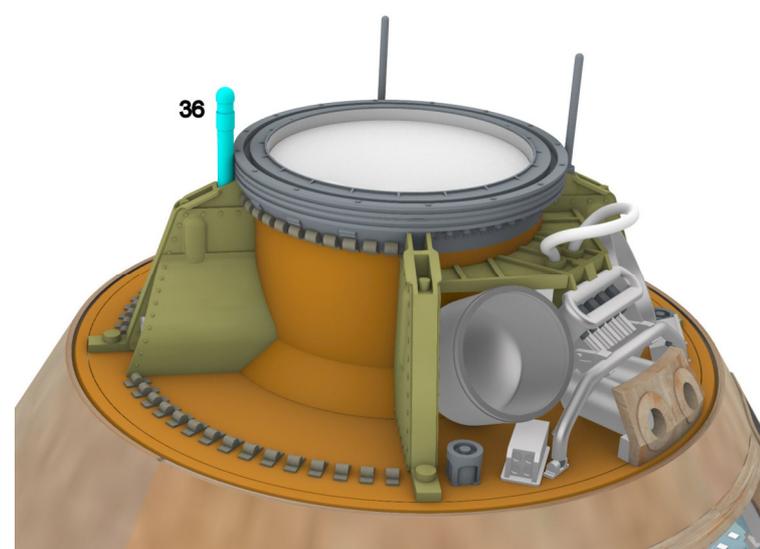
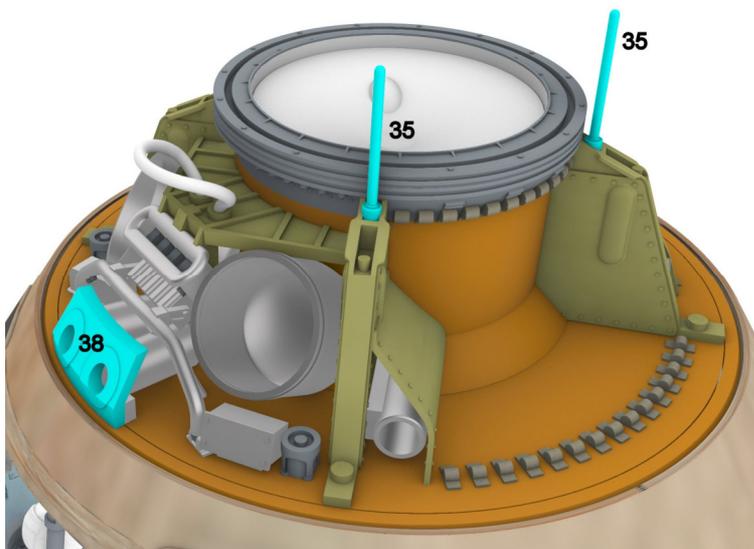
Prior to install the outer shell, it is a good idea to fit the astronauts inside. Such astronauts can be found on [NewWare](#).



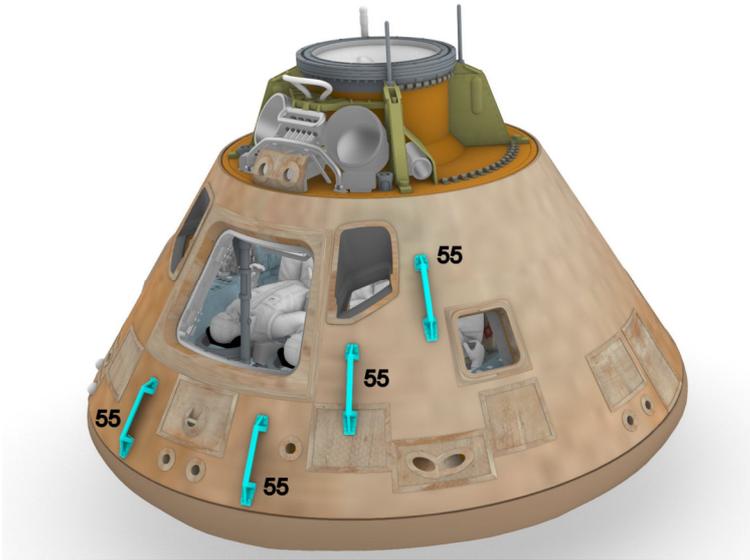
Outer shell starts with part 44a1 with all its small parts attached.



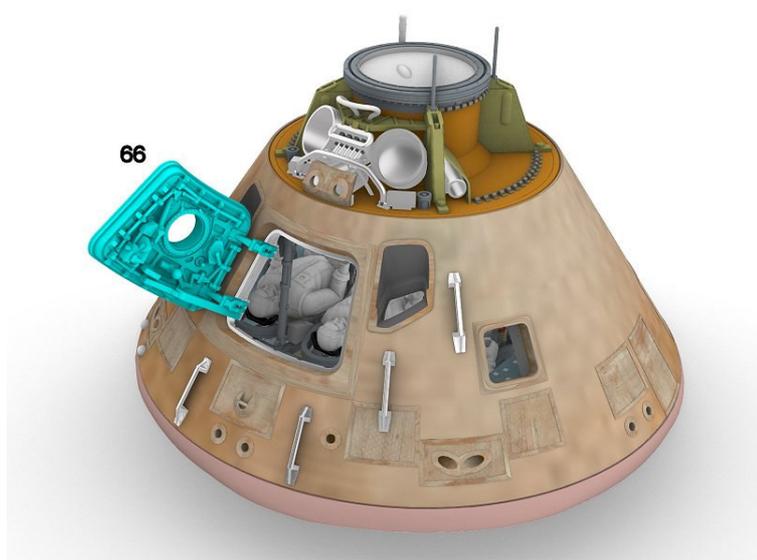
Final installation of the outer shell with parts 44a2 and 44a3. Again if your printer is large enough parts 44a1, 44a2 and 44a3 can be replaced with part 44a.



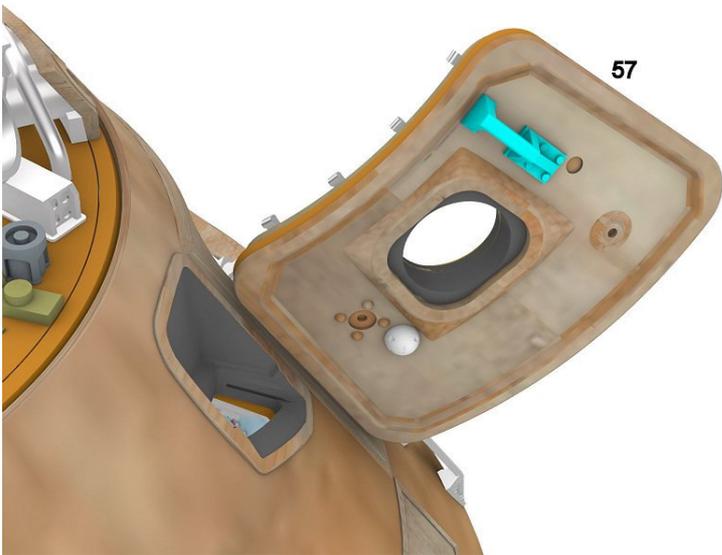
Following splashdown a couple of antennas are deployed that need to be represented here with parts 35 and 36. Part 38 are the retrorockets on the bottom of the parachute compartment after it was jettisoned.



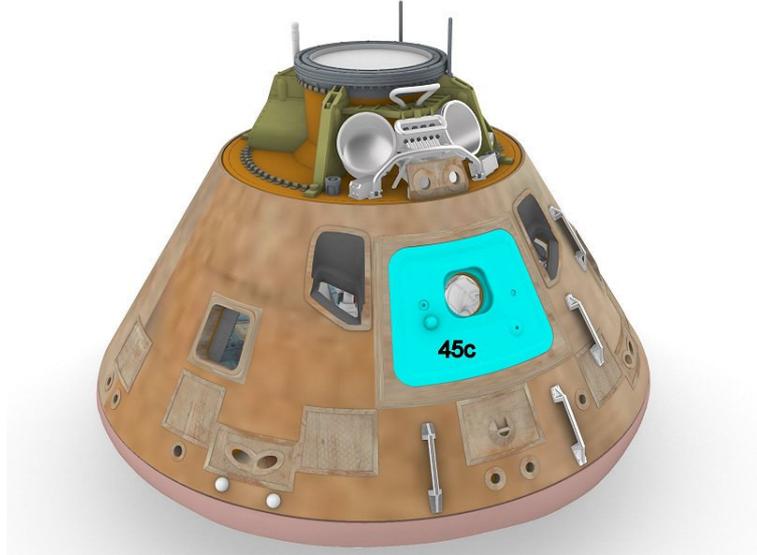
EVA Handles (part 55) are fitted around the outer shell of the command module (these parts are not needed for Apollo 7, Apollo 8, Skylab CM and ASTP).



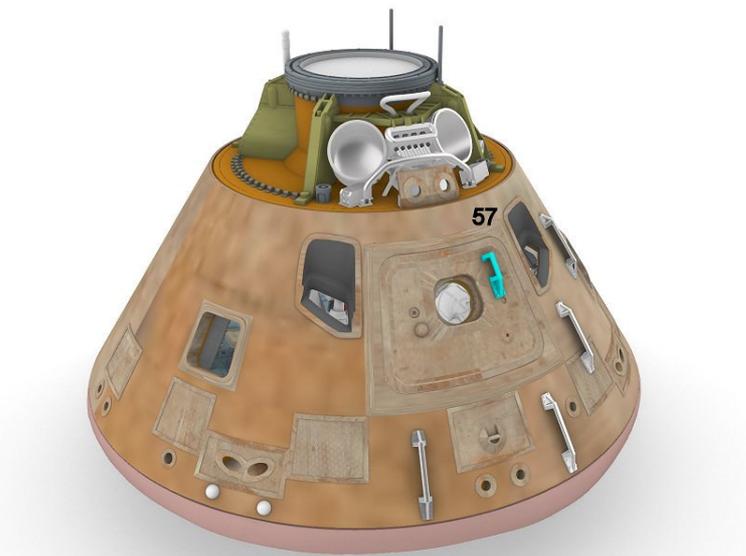
Part 66 is needed if you want to show the open hatch.



Handle (part 57) is finally glued on the open hatch.



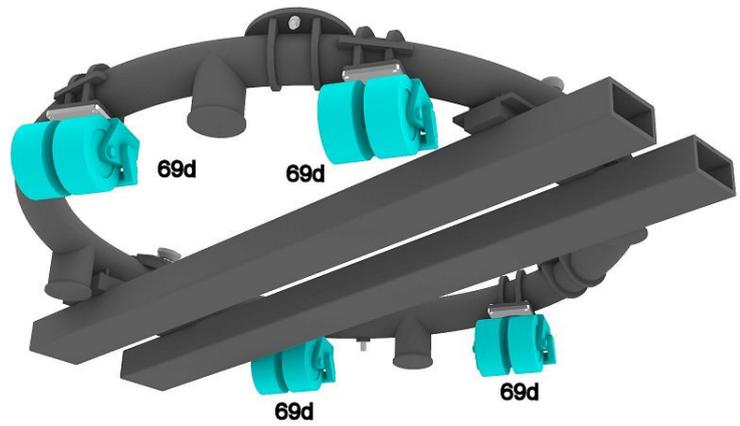
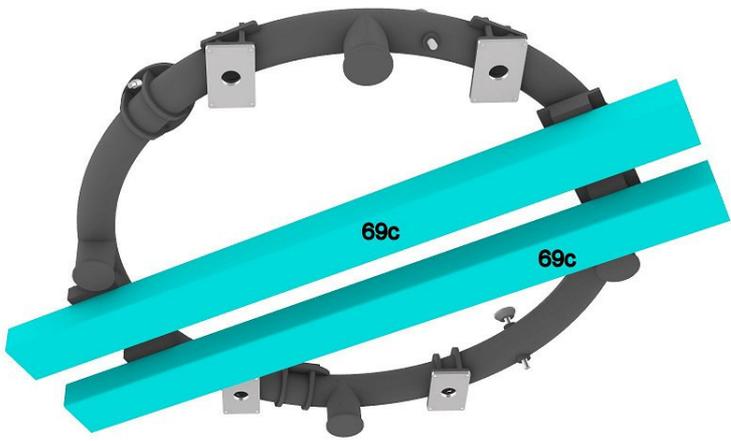
Part 45c is needed if you want the hatch to remain closed.



Handle (part 57) is finally glued on the closed hatch.
Handle (part 57) is finally glued on the closed hatch.



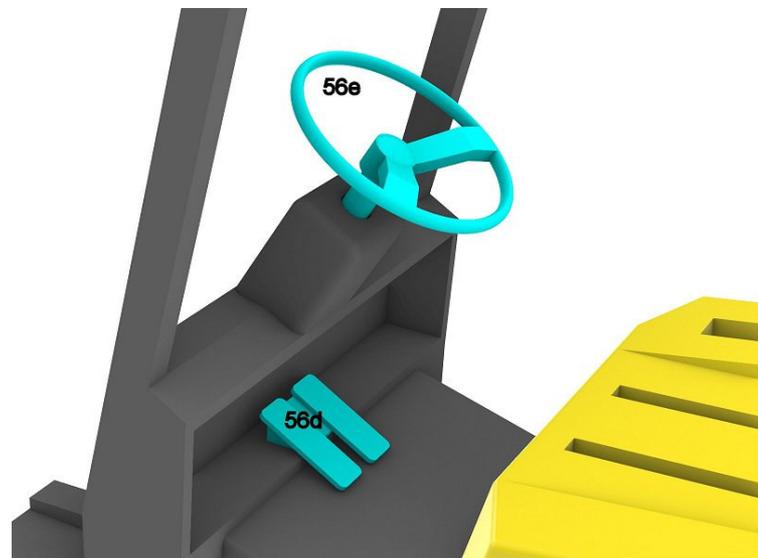
Construction of the cradle used to transport Columbia during the 50th anniversary exhibition.

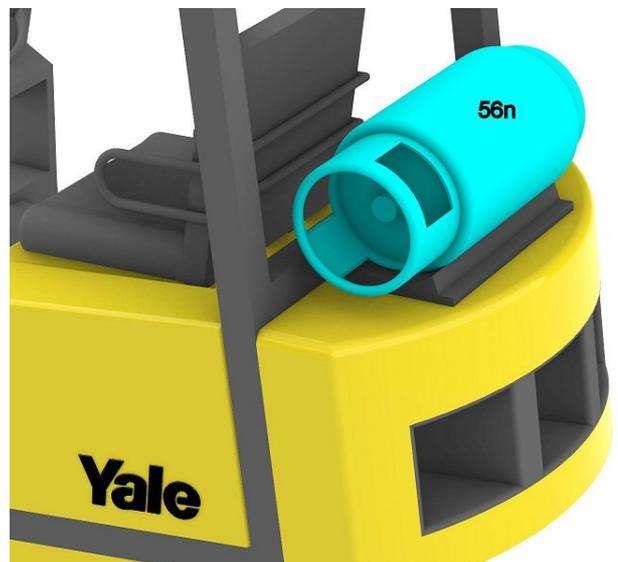
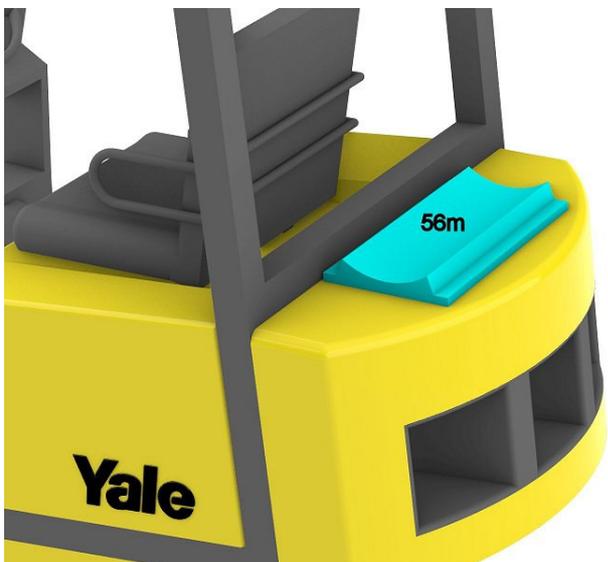
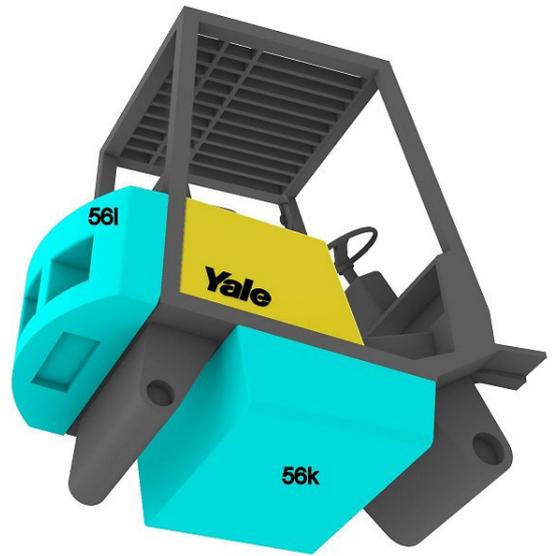
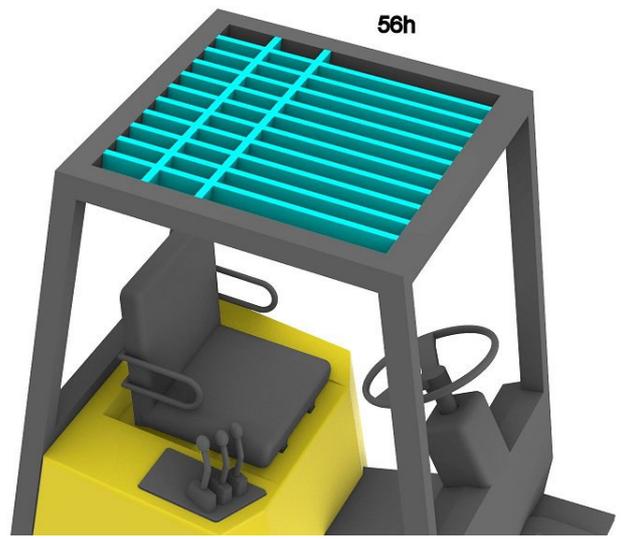
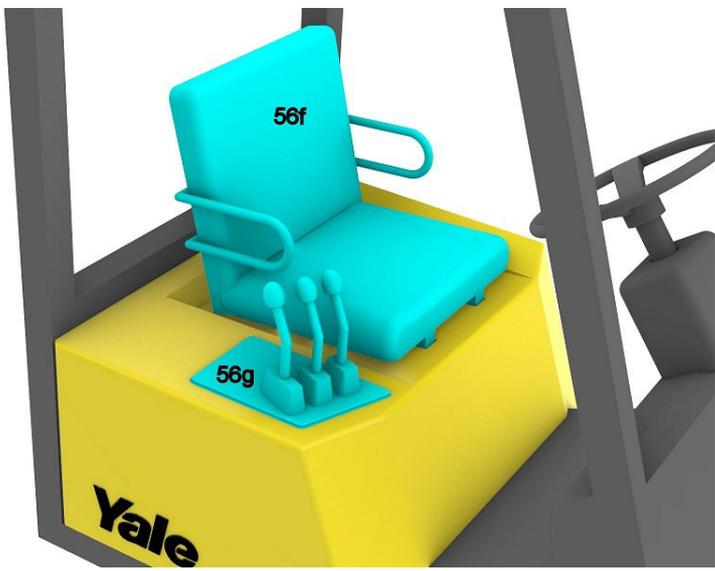


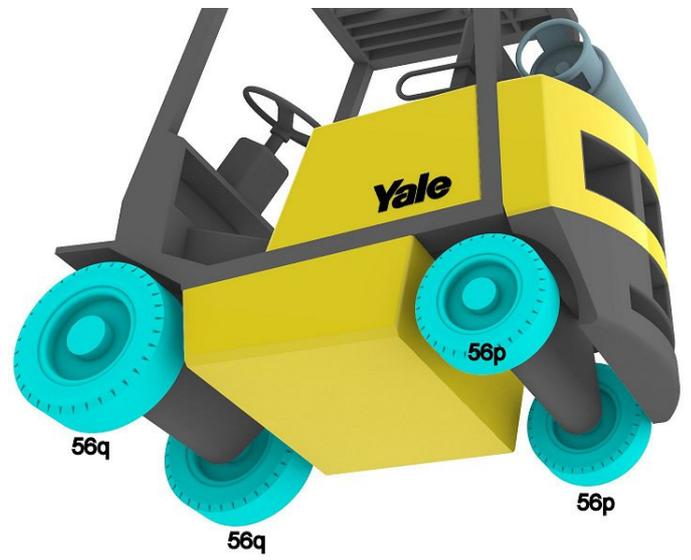
Part 66 is needed if you want to show the open hatch.



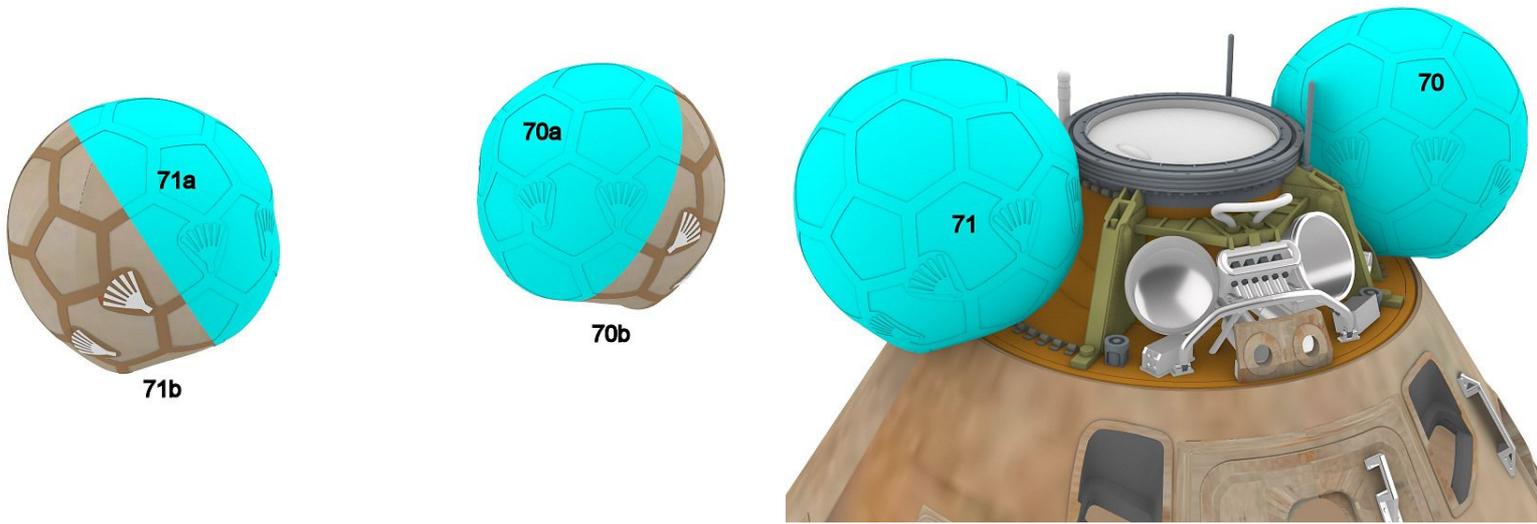
The following pictures show the YALE forklift assembly used at NASM to move the Command Module Columbia







The original file can be found here : <https://grabcad.com/library/yale-forklift>. These files were extensively modified to make the model printable.



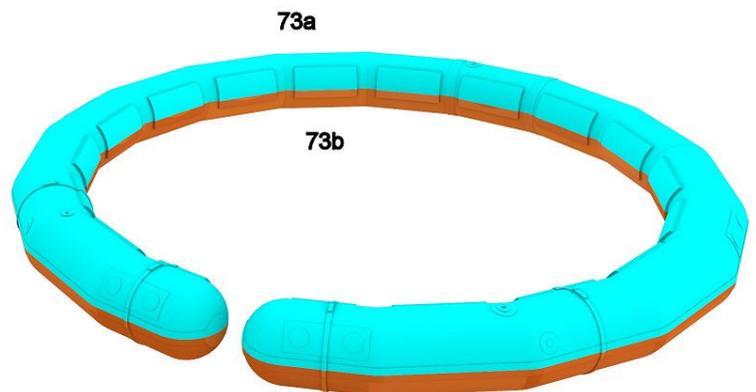
Assembly of the +Y and -Y flotation bags.



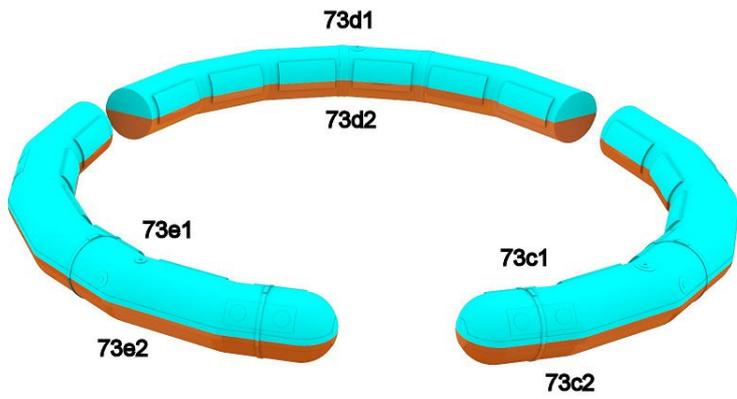
Assembly of the +Z flotation bag.



CM just after splashdown, don't forget to add chords between the flotation bags and the parachute section.



The flotation collar (part 73) come in different parts depending on the type and size of your printer.



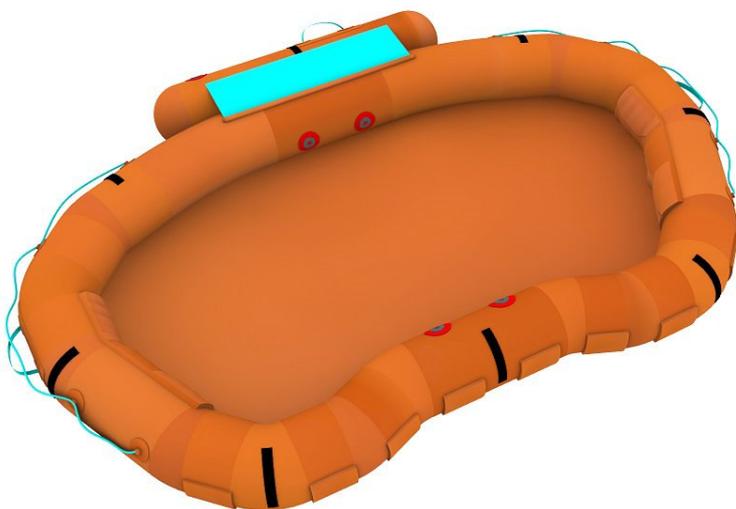
The flotation collar (part 73) come in different parts depending on the type and size of your printer.



Final assembly of the flotation collar.



Final assembly of the flotation collar. Isoceles triangles are made out of paper (base 10.5 mm, sides 13,3 mm) as well as handles (width 1 mm).



Parts in cyan are made out of paper (rectangle 9.8 x 35.9 mm, handle width 1 mm).



The finished model.