

umbilical, itself, was attached to the spacecraft with a hook which provided its tether restraint system and electrical connections and an oxygen outlet.

The oxygen entered the chest pack at this point. We had a provision below this for connection of the astronaut maneuvering unit oxygen supply system. The electrical connection entered the chest pack at this point. It also went into the suit to provide communications at this point here.

We placed velcro on the front of the chest pack so that various devices, such as these portable hand holds, could be taken from the adapter section up to the nose of the spacecraft, by attaching them to the chest pack. I did this by hooking the waist tether on these rings, which provided a convenient storage point for the tethers.

This slide (fig. 10) shows the provisions for connecting the pip pins into the side of the Agena. I placed my body essentially in this direction here, having a waist tether on either side. I evaluated the use of hand holds and some of these receptacles for the pip pins which did not have the star fitting, and the hand hold was free to rotate. I also compared the use of these which did have the star fitting. These velcro strips here were used with the portable hand holds.

Provisions in the adapter portion of the spacecraft are shown in this slide. You see that we have the same hand bars that we had with the AMU. We placed the early designed foot restraint down here on the side of the spacecraft. This framework section, here, actually left the spacecraft before I got back to it. That was at the

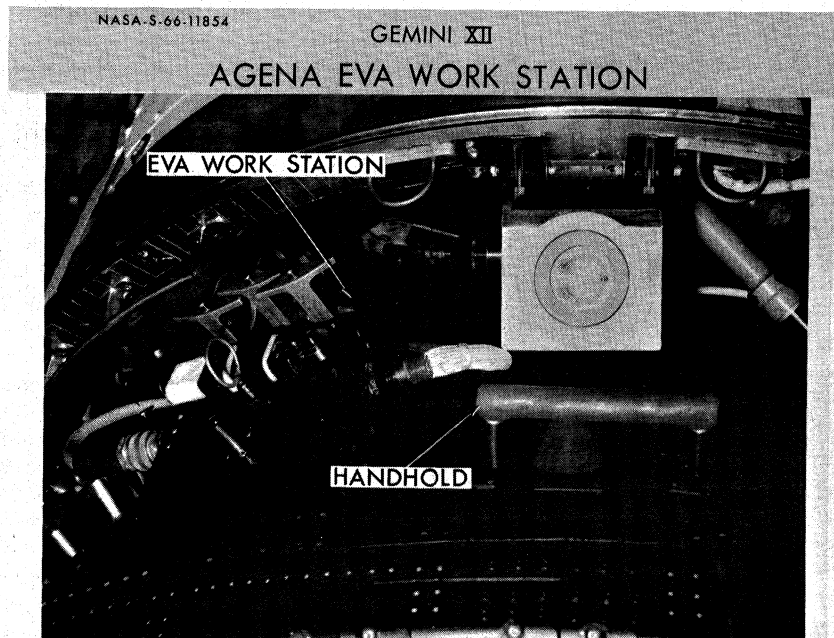


FIGURE 10