

the results of installing this camera under the two different conditions. Again, during the standup EVA night photography pictures were taken of the stars, using ultraviolet film.

This slide shows the installation of the portable or telescoping handrail that formed a handrail going between the Gemini spacecraft and the Agena. This telescoping handrail deployed in this fashion, locking as it went out. We put a ring on the end of it so that I could make use of waist tethers which would give me a body restraint condition.

This slide shows where the handrail connects into the docking cone of the spacecraft (fig. 8). It also shows the position of the docking bar in the docking cone. We made modifications in the tether attachment point. One of the early objectives during the umbilical EVA was to connect the tether, which was attached to the Agena spacecraft, by looping this cable over the docking bar and pulling this up tight and then placing an extension grip above this to force the tether down further on the docking bar.

During the first part of the umbilical EVA, after attaching the tether, I took several steps to prepare the work station which we had installed on the back part of the docking cone. I made use of the tether connection rings so that I hooked the two tethers on these, which would enable my body to remain essentially stationary and enable me to perform work with my hands without worrying about the attitude my body might take.

We see here various pip pins (fig. 9), which served as hand holds when connected into places on the Agena. It also served as additional rings that the tethers could be hooked to.

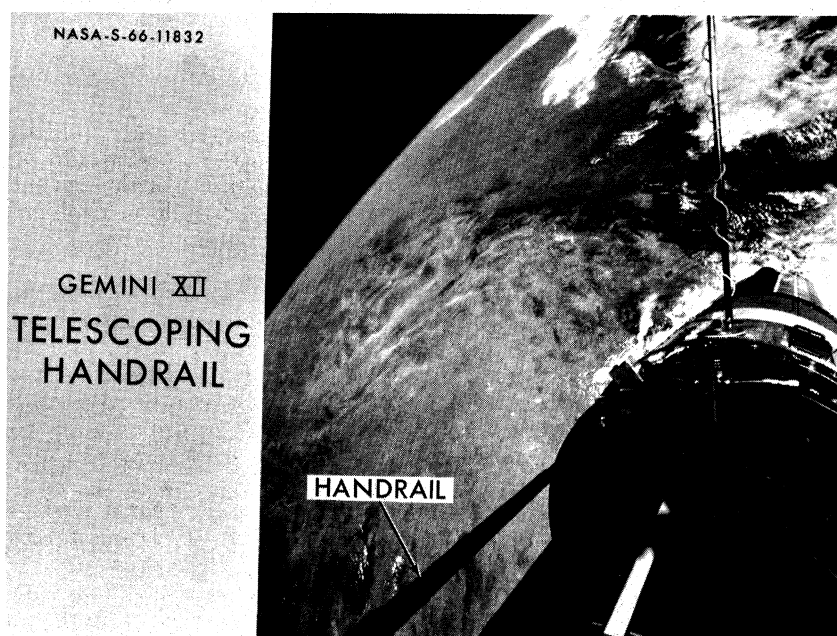


FIGURE 8