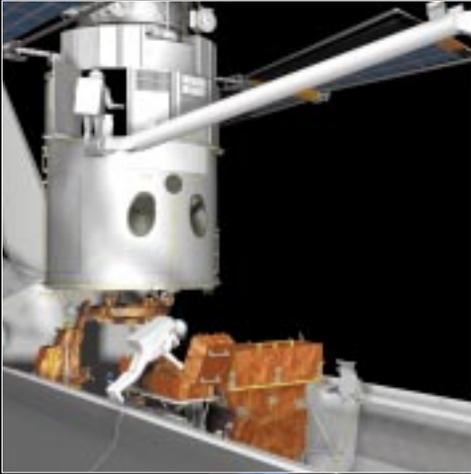


Hubble Space Telescope



S e r v i c i n g M i s s i o n 3 A
M e d i a R e f e r e n c e G u i d e

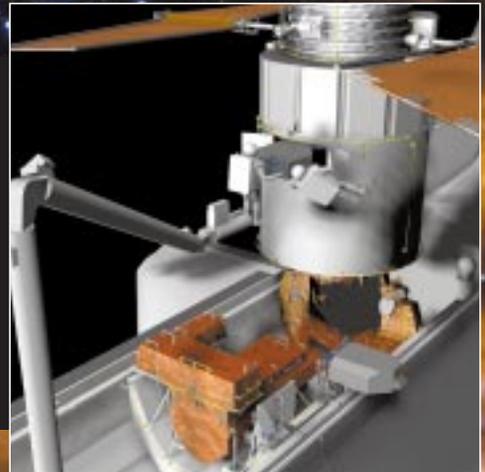


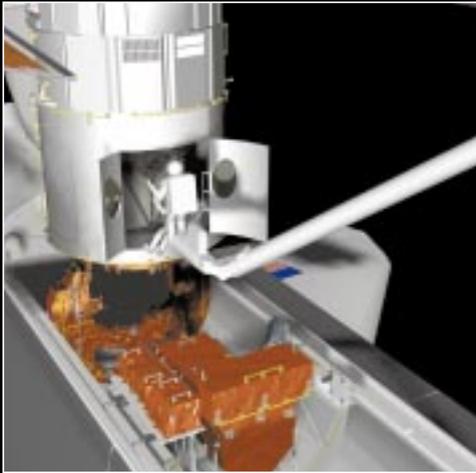
3-D Modeling

Three-dimensional modeling simulates an extravehicular activity (EVA) crewmember installing a new computer. This computer will provide six times the memory and 20 times the processor speed of the existing computer.

EVA Crew

EVA crew members gently guide a desk-size Fine Guidance Sensor into place. Fine Guidance Sensors are used for fine pointing control and astrometry science.





Space-Walking Astronauts

Space-walking astronauts install three Rate Sensor Units, each containing two gyroscopes. These units allow the Telescope to point at stars, planets, and other celestial targets.

Mission Specialist

Discovery's robotic arm transports a Mission Specialist carrying a sheet of the New Outer Blanket Layer to be attached to the exterior of the Telescope. This new layer of insulation corrects damage caused by long-term space exposure.

