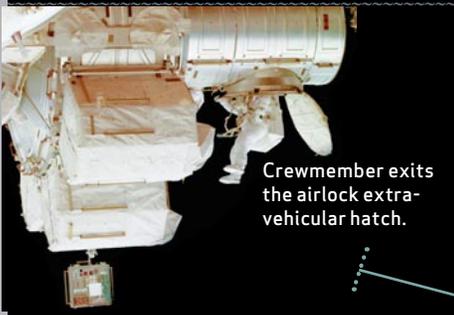
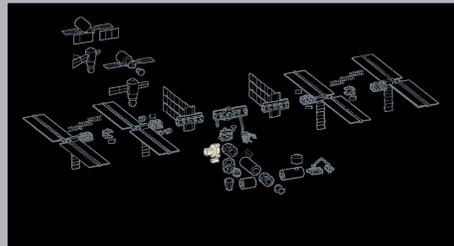


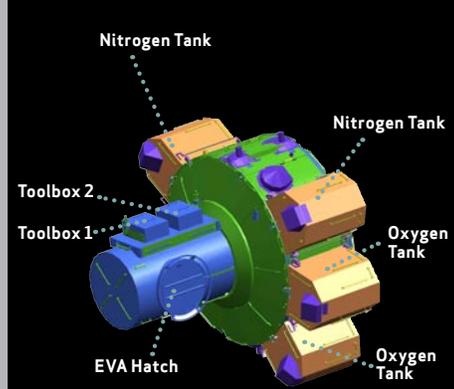
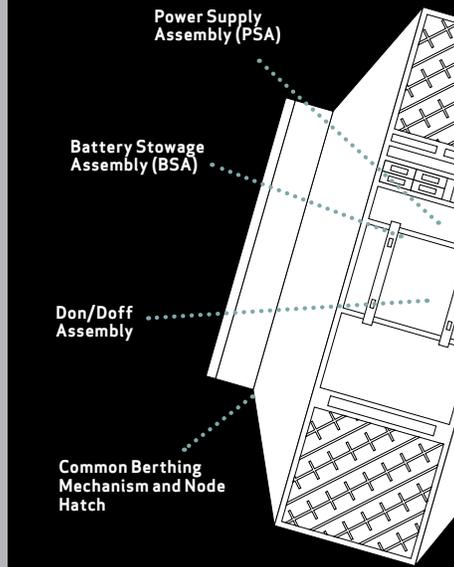
U.S./Joint Airlock (Quest)

NASA/Boeing

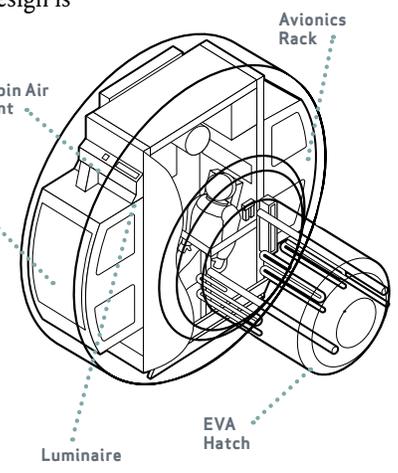
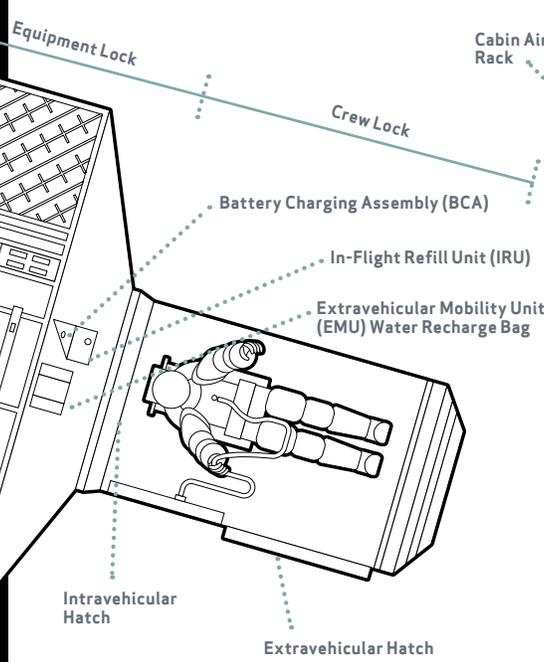
The Quest airlock provides the capability for extravehicular activity (EVA) using the U.S. Extravehicular Mobility Unit (EMU). The airlock consists of two compartments: the Equipment Lock, which provides the systems and volume for suit maintenance and refurbishment, and the Crew Lock, which provides the actual exit for performing EVAs. The Crew Lock design is based on the Space Shuttle's airlock design.



Crewmember exits the airlock extravehicular hatch.



| | |
|-------------|--|
| Length | 5.5 m (18 ft) |
| Width | 4.0 m (13.1 ft) |
| Mass | 9,923 kg (21,877 lb) |
| Launch date | July 2001, on STS-104, ISS flight 7A. The Shuttle berthed to the starboard side of Node 1. |



Mike Fincke, flight engineer on Expedition 9, inside Quest's Equipment Lock.



Space Shuttle mission STS-104 berths Quest to the starboard side of Node 1 in July 2001.



Airlock in preparation for launch in the Space Station Processing Facility at Kennedy Space Center.