

Payload Crew Training

JSC LIFE SCIENCES

The crewmembers that are assigned to a payload are trained to use the experiment protocols and support hardware in preparation for flight operations. Training allows the crewmembers to verify that the time required to perform each experiment is adequate, that the experiments can be performed in the established sequence, and that the man-machine interfaces pose no problems. The crewmembers are the subjects of the experiments and are trained to perform the human experiments on one another.

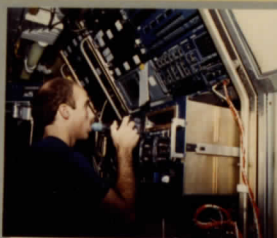
During crew training sessions, the ground crew, consisting of the experiment team members, test conductors, and mission operations personnel, is trained on the use of consoles for monitoring experiments and the air-to-ground communications loop.



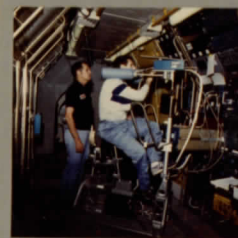
SL-1 crew training in the Space Shuttle Workshop



The LSC's Roddy West Measurement Director and the LSC's Betsy Engstrom are color-mounted



Procedures for use of the Cardiovascular Experiment (Circulator) are followed



The LSC's Betsy Engstrom is used for Cardiovascular Experiment (Circulator) experiments



Filling hemodynamic tube with drop of blood



Leg volume measurement training



Preparing to use for circulator equipment



Repositioning of circulator equipment training



The experiment hardware (Circulator) used for circulator equipment training



Shuttle and drop training for circulator