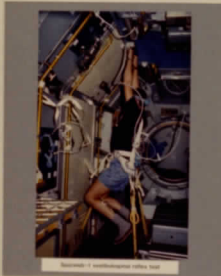


Flight Operations

JSC LIFE SCIENCES

The investigators are able to monitor the operations of their experiment during flight in the Science Monitoring Area. A television system displays video downlinked from the Orbiter, the Spacelab, and experiment video cameras. An air-to-ground voice communication system allows the investigators to have real-time interaction with the crew to advise and possibly restructure experiment activities depending on hardware performance or on unexpected findings. The data that are acquired during flight are downlinked, displayed, and stored on computers for postflight analyses by the investigators.



A Baseline Data Collection Facility is located at JSC for collection and comparison of preflight and postflight measurements with those acquired during flight to identify any changes that have occurred during exposure to weightlessness.

