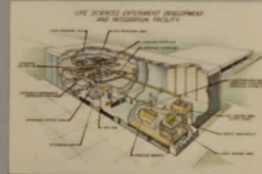


Ground Support Facilities and Equipment

JSC LIFE SCIENCES

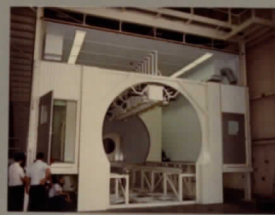
The Life Sciences Experiment Development and Integration Facility, located in JSC Building 36, provides areas for hardware receipt and inspection, servicing, test and checkout, installation and verification of hardware in mockup racks, mission simulation testing, data acquisition, science monitoring, and training for the crew and ground personnel.



Data Acquisition Area



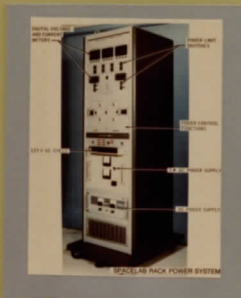
Simulation/Control Mockup Environment



Mockup environment prepared for rack integration



Science Monitoring Area

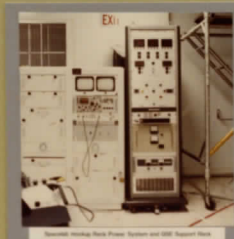


SEVEN RACK POWER SYSTEM

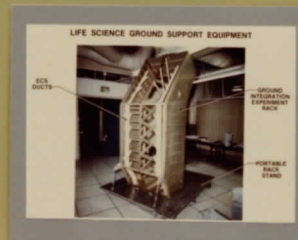
Ground Support Equipment (GSE) is used to support ground operations such as payload assembly and verification, mission simulations, and baseline data collection. Examples of GSE are rack environmental control system carts, rack power system carts, airflow monitors, a weight and balance system, and rack handling fixtures.



Environmental Control System for the Simulated Working Environment



Simulation Rack Power System and GSE Support Rack



LIFE SCIENCE GROUND SUPPORT EQUIPMENT
ECS
DUCTS
GROUND
INTEGRATION
EXPERIMENT
RACK
PORTABLE
RACK
STAND