

This official NASA internal document - converted for accurate flowing-text ebook format reproduction - is a comprehensive evaluation of the operational and engineering aspects of the first manned visit to the Skylab space station and includes the performance of experiment hardware that is under Johnson Space Center management; the crews evaluation of the visit; and other visit-related items of interest such as medical aspects and hardware anomalies.

SKYLAB PARASOL \* SCIENCE \* SOLAR PHYSICS AND ASTROPHYSICS \* Experiment S019 - Ultraviolet Stellar Astronomy \* Experiment S020 - Ultraviolet X-Ray Solar Photography \* Experiment S149 - Particle Collection \* MEDICAL EXPERIMENTS \* Experiment M071 - Mineral Balance \* Experiment M073 - Bioassay of Body Fluids \* Experiment M074/M172 Specimen and Body Mass Measurement \* Experiment M078 - Bone Mineral Densitometry \* Experiment M092 - Lower Body Negative Pressure \* Experiment M093 - Vectorcardiogram \* Hematology (Experiments M111, M112, M113, M114 and M115) \* Experiment M131 - Human Vestibular Function \* Experiment M133 - Sleep Monitor \* Experiment M151 - Time and Motion Study \* Experiment M171 - Metabolic Activity \* EARTH OBSERVATIONS \* Experiment S190A - Multispectral Photographic Camera \* Experiment S190B - Earth Terrain Camera \* Experiment S191 - Visible and Infrared Spectrometer \* Experiment S192 - Multispectral Scanner \* Experiment S193 - Microwave Radiometer/Scatterometer/Altimeter \* Experiment S194 - L-Band Radiometer \* Tape Recorder \* ENGINEERING AND TECHNOLOGY \* ENGINEERING \* Experiment M509 - Astronaut Maneuvering Equipment \* Experiment M487 - Habitability and Crew Quarters \* Experiment M516 - Crew Activities/ Maintenance \* TECHNOLOGY \* FOOD AND MEDICAL OPERATIONAL EQUIPMENT \* FOOD \* MEDICAL OPERATIONAL EQUIPMENT \* Inflight Medical Support System \* Operational Bioinstrumentation System \* Carbon Dioxide/Dew Point Monitor \* Carbon Monoxide Sensor \* Toluene Diisocyanate Monitor \* COMMAND AND SERVICE MODULES \* STRUCTURES AND MECHANICAL SYSTEMS \* THERMAL \* ELECTRICAL POWER, FUEL CELLS, BATTERIES AND CRYOGENIC STORAGE \* Electrical Power Distribution \* Fuel Cells \* Cryogenic Storage \* Batteries \* COMMUNICATIONS AND TELEVISION \* Communications \* Color Television Camera \* INSTRUMENTATION AND DISPLAYS \* GUIDANCE, NAVIGATION AND CONTROLS SYSTEMS \* PROPULSION \* Service Propulsion System \* Service Module Reaction Control System \* Command Module Reaction Control System \* ENVIRONMENTAL CONTROL SYSTEM \* SPECIAL STOWAGE \* Stowage Relocations \* Return Stowage \* Stowage Differences \* CONSUMABLES \* Service Propulsion System \* Reaction Control System Propellant \* Cryogenic Storage System \* Water \* CREW EQUIPMENT \* EXTRAVEHICULAR MOBILITY UNIT \* CREW PERSONAL EQUIPMENT \* ORTHOSTATIC COUNTERMEASURE GARMENT \* BIOMEDICAL \* FLIGHT CREW HEALTH STABILIZATION \* CREW MEDICAL TRAINING \* ENVIRONMENT \* CREW HEALTH \* Preflight \* Inflight \* Postflight \* METABOLIC RATES \* RADIATION \* TOXICOLOGY \* MICROBIOLOGY \* PILOTS REPORT \* GENERAL PHOTOGRAPHY AND CAMERA SYSTEMS \* SUMMARY \* DATA ACQUISITION CAMERA (16-MM) SYSTEM \* Usage \* Hardware Performance \* 35-MM CAMERA SYSTEM \* Usage \* Hardware Performance \* 70-MM CAMERA SYSTEM \* Usage \* Hardware Performance \* TRAJECTORY \* MISSION SUPPORT \* FLIGHT CONTROL \* SPACEFLIGHT TRACKING AND DATA NETWORK \* RECOVERY OPERATIONS \* Prelaunch Through Orbital Insertion \* Orbital Operations \* Primary Landing Area Support \* Command Module Location and Retrieval \* ASSESSMENT OF MISSION OBJECTIVES \* FLIGHT PLANNING \* SUMMARY \* IMPLEMENTATION \* ASSESSMENT \* LAUNCH PHASE SUMMARY \* WEATHER CONDITIONS \* LAUNCH

VEHICLE PERFORMANCE \* ANOMALY SUMMARY \* COMMAND AND SERVICE MODULE ANOMALIES \* Suit-to-Cabin Differential Pressure Was Negative \* Service Module Quad A Pressure/Temperature Sensor Failed \* Failure to Achieve Docking Probe Capture Latch Engagement \* Service Module Quad B Engine Temperature Measurement Failed

Roses Are Red (The Blood, Sweat and Tears Series Book 1), Foundations/Psychoneuroimmunology BD, Baubles, is not a square word.: and 2 other cheeky rhymes., Enslaved, On Stochastic Differential Equations, Puzzler Sudoku (Puzzler) (Puzzler),

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