

Crew

August 8, 1972

SMEAT DAILY REPORT

Number 11

This report covers from 0800 August 7, 1972 through 0800 August 8, 1972 (test day 13).

I. Significant Accomplishments - The crew took three M119 in-flight blood samples. All other scheduled activities were completed. The carbon monoxide sensor has undergone lab testing and is now being prepared for transfer into the chamber. An instrumentation package has been designed and is now ready for transfer into the system to allow pressure and volume measurements to be made on the OWS urine system. The MSFC representative has developed an evaluation plan for the vacuum cleaner. The crew has agreed to perform additional tests with the vacuum cleaner as required.

II. Problems

A. Hardware

1. The crew experienced some air leakage around the syringe needle connection during the transfer of blood into the ASP. This problem had previously been reported and an alternate syringe needle design is being pursued.

B. Facility Problems

1. Minor problems were encountered with the test team communications system.

C. Procedural Problems - No major problems.

D. Deviations in Test Conditions

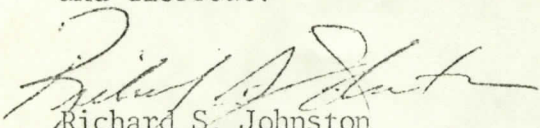
The chamber temperature humidity oxygen and carbon dioxide remain within specification levels.

III. Medical Summary

The crew remained in excellent physical condition. The crew has reported some oral/nasal irritation which may be attributed to lithium hydroxide dusting. Measurements using the T003 particle counter will be made to validate particle count in the chamber atmosphere and studies are being made external to the chamber to evaluate the lithium hydroxide filters.

IV. Misc. Comments

On Wednesday at 0830, the Weekly Status Briefing will be held with the TOMC. Items to be covered include: Facility Operations, Status of Medical Experiments, Review of Selected DTO Status, and DR Reporting and Closeout.



Richard S. Johnston
Manager, Test Operations
Management Committee