

August 17, 1972

SMEAT DAILY REPORT

Number 18

This report covers the period from 0800 August 16, 1972, to 0800 August 17, 1972 (test day 22).

I. Significant Accomplishments - The crew and test team continues to perform to the timeline and planned activities. No major problems or deviations occurred. The following DTO's (detailed test objectives) were accomplished yesterday which represents a typical day - food systems and food heating tray, body weight, mineral balance, environmental noise, housekeeping, personal hygiene, operational medical hardware, CO monitor, aerosol analyzer, specimen mass measuring device, and atmosphere analysis.

II. Problems

A. Hardware

1. The SMMD (specimen mass measuring device) elastomer is pulling loose in the wide space between screws on the mounting clamp. The SMMD is planned to be transferred out for repair. Transfer for the SMMD is being arranged.

B. Facility

The blower bearing developed a slight noise which the crew heard inside the chamber as well as outside. The item was lubricated with Krytox and noise terminated. Continued monitoring will be performed.

C. Procedure


None.

III. Medical Summary

No change in crew health was reported by the Medical Officer.

IV. Miscellaneous Comments

1. Urine system debriefing scheduled for 8-17-72 is being rescheduled to a time when all three crewmen can be available.


Richard S. Johnston
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Management Committee