

September 8, 1972

SMEAT DAILY REPORT

Number 32

This report covers the period from 0800 September 6, 1972, through 0800 September 8, 1972 (test days 43 and 44).

I. Significant Accomplishments - The SMEAT activities continue to progress on schedule. Special tests have been conducted with the metabolic activity experiment. This has included additional Douglas bag tests to verify respiratory quotient, the evaluation of Silica Gel drier cartridge in place of the existing drier cartridge, and the verification of vital capacity measurements using a laboratory spirometer. The crew continues to express concern that the blood pressure measuring system data obtained from the automatic system does not correlate with blood pressure data obtained with a clinical cuff.

II. Problems

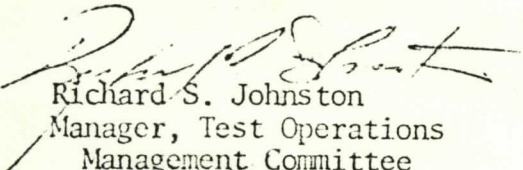
A. Hardware

1. The crew continues to have problems with the OWS urine system. These problems are both procedural and of a hardware nature. As previously reported, an OWS urine system problem status meeting is going to be held on Tuesday, September 12.

2. The crew evaluated the ear plethysmograph and reported that the heart rate data obtained from this device does not correlate with heart rate data from the VCG.

B. Facility - None

C. Procedural - None


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Management Committee