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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

MANNED SPACECRAFT CENTER

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MSC-DA

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IN REPLY REFER TO: KW-22580

MEMORANDUM TO: CA/Director of Flight Crew Operations
DA/Director of Medical Research and Operations

FROM : KA/Manager, Skylab Program

SUBJECT : Utilization of Skylab Medical Experiment Training Hardware

In response to requirements established by FCOD (Flight Crew Operations Directorate), this office is procuring flight type training hardware for all Skylab medical experiments. For those experiments which mate with the ESS (experiment support system), the training hardware will be flight configuration and will have the capability of providing baseline data. The planning to date has been based on the understanding that the flight crews would use this hardware for both training and baseline data gathering. The development hardware which is being procured for MROD (Medical Research and Operations Directorate) would be used for physiological verification testing and baseline data gathering.

In order for this Center to gain full utilization from the medical experiment flight type training hardware, which is to be installed in the OWS (orbital workshop) lg trainer, an appropriate agreement between FCOD and MROD is needed. This agreement must provide for cooperative support such that the OWS lg trainer is maintained in a configuration to provide medical experiment baseline data and that MROD obtain baseline medical experiment data on the Skylab flight crews using experiment hardware installed in this trainer. Working level agreement has previously been obtained for this concept. Your concurrence with this approach, as signified by your signature below, is requested.

Kenneth S. Kleinknecht
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CONCURRENCE:

Charles A. Berry M.D.
C. A. Berry, M.D.
Director of Medical
Research and Operations

D. K. Slayton
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Director of Flight
Crew Operations

KW:RMMachell:mk 10-12-70

cc:
See attached page

KW-22580

cc:

AA/R. R. Gilruth (2)

CA/T. U. McElmurry

DA/R. S. Johnston

KA/C. E. Charlesworth

KM/A. A. Bishop

CB/C. Conrad, Jr.

CF131/D. F. Grimm

KS/W. B. Mitchell, Jr.

NUMBER: 3c		ACTION ROUTING SHEET			DATE: 10-27
(TITLE/NAME OF MATERIAL) Memo Utilization of Skylab Medical Experiment Training Hardware				SUSPENSE DATE: 10-28	
NAME	DATE RECD.	DATE RTD.	INITIALS	REMARKS	
Dr. Berry		10-29-70	CHB.	<p>Removed statement "with 700 flight crew subjects" & signed. Ordinarily we would use the 19 former eggs to get later on crew, but there may be a particular reason to utilize the development hardware in the lab for this purpose & I would not want it prevented by the working of this document.</p> <p>Charles A. Berry M.D.</p>	