

UNITED STATES GOVERNMENT

Memorandum

~~CB/W. Cunningham~~

Thornton

TO : Addressees

DATE: OCT 13 1969

FROM : CF/Chief, Flight Crew Support Division

In reply refer to:
CF131-9M-154

SUBJECT: AAP assignments for Flight Crew Support Division

Mr. D. Grimm, Chief, Project Support Office, FCSD, has been designated to coordinate all AAP functions for FCSD. He will be supported by the following personnel, who have been named as managers for the designated areas. These personnel will be responsible for providing overall coordination of their assignment within FCOD, and with AAPO. Copies of all correspondence or discussions relating to each assigned area should be directed to the responsible individual, mail code CF131, or telephone extension 4171.

CSM Manager	C. Perner
ATM Manager	J. Joerns
Experiments Manager	J. Lee
Cluster Manager	A. Crews
Contractor Technical Monitor for FCSD	T. Brown
Systems Training Manager	T. Brown.

ORIGINAL SIGNED BY: W. J. NORTH
Warren J. North

Addressees:
See attached list

CF131:DFGrimm:pjg 10-10-69



b. Douglas is presently working on a separate airlock design for the garbage dump. To what extent this effort will be changed to use either their new design for the scientific airlock as well, or vice versa is unknown.

c. The problem of loads induced by bumping into the cannisters and/or an extended shaft was pointed out.

d. There was a mockup of the airlock at the meeting and it displayed very faithfully some of the old complaints raised in the office - namely high forces and awkward motions for the cam lock arrangement on the cannister and the knob for the outer pressure door. It was claimed that this knob has been replaced by a crank but it was not in evidence. Some of the high force problems may have been caused by failure of the lubrication and the 2 or 3 year storage however it certainly bears watching.

e. The old problem of the heat shield plug is no longer with us of course and on the question of a hole in the micrometeorite shield it was felt that probably a hole would be just left in the shield with no removable cover.

f. It seems that probably each experiment will be more or less independent of all others so the problems of refitting cannisters and poking rods through seals should be reduced.

g. The possibility of being able to perform repair and/or maintenance on the airlock to increase the likeliness of success during almost a year in space was mentioned.

Hopefully, from our point of view, the meeting allowed Douglas and Marshall to hear some of our suggestions before their own design ideas get frozen too firmly in their minds but I do not expect any major changes to the design to be forthcoming.



Robert A. Parker

cc:
AAP Astronauts