Presentation of Dr. Charles A. Berry, Director of Medical Research and Operations, Space Medicine

Chairman Teague, and committee, we thought back this morning to your last meeting here. We had this much (Mercury Flights) (fig. 1) in the way of exposures in order to learn something about the medical effects on man up to that point in time.

Now, I am sure most of you can remember that people in the biomedical community had some grave concerns about whether man could perform in a space flight environment. Not only that, but they had concern about whether he could even survive in it, and since you were here we have completed this number of hours that you see here (Gemini flights) (figs. 2 & 3). In particular, from the long term medical point of view, we have been interested in these three flights, which gave us some of the long term data, this being the longest we have had to date, and, then, the EVA information which Buzz has already started to give you.

Now, there were a lot of predications that were made by people about the environments, and about what was going to happen to man,

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MERCURY MANNED FLIGHTS

TABLE I

FLIGHT	CREW	LAUNCH	HRS	MIN
MR-3	SHEPARD	5-5-61		15
MR-4	GRISSOM	7-21-61		15
MA-6	GLENN	2-20-62	4	56
MA-7	CARPENTER	5-24-62	4	56
MA-8	SCHIRRA	10-3-63	9	14
MA-9	COOPER	5-15-63	34	20

Figure 1