

SL-IV MC-830/2

Time: 18:02 CST 26:00:02 GMT
12/10/73

CC Next one is not a question but just a note here and it goes back to EREP 14, and I didn't hear you guys ask this question but apparently there was a question or some conversation as to why the S193 radiometer was switched from standby then to off and then later back to standby. It turns out that the radiometer AGC will saturate if the radiometer is left in standby during altimeter operations. There is a mention of this on page 12-23 of the checklist if you're that interested, but we just thought you'd let you know that that was an accurate callout on the pad and that was the reason for it.

CDR Okay, I remember questioning that at the time, it didn't seem too logical.

CC Okay. Here's another one we're interested in. You reported that some wear on the treadmill and we've been talking about some ways if we could use some things on board to replace the treadmill. Specifically one of the things that's been discussed is those - you know on the inside of the film vault doors those dust covers are made of milled Teflon and we've had some guys looking at how those might be substituted for the treadmill. In order to help us we were wondering if you could expand any on the - on the magnitude of the wear on the tr - of the treadmill Teflon pad. And also another question was does the pad itself appear to be cold flowing.

CDR Well, we'll have to look at it a little bit. The area I was talking about the wear is in the forward third where the - where the metal folds, you know the metal plate underneath it. There's sort of just a trace of a ridge there, and the Teflon there you can feel it in your socks as you're walking.

CC Okay Jerry. We're going to continue to try to think of a way to replace that thing or use something different if it does get to the point where you need to - stand by.

CDR Okay.

CC And Jerry, while we're on this subject can you make any estimation of - of the magnitude of how much the Teflon is worn at the place that you can feel the ridge with your toes and no sense in answering right now but you might take a look at it and let us know later.

CDR Dick, I just went over and looked it over again and it doesn't look like to me like it's worn much at all. The thing is I was just trying to point out when I mentioned it the first time is that sure does look like a wear point. And that's the place where it's going to go if it goes.

CC Roger understand. Maybe we're expending a little more energy down here than necessary in trying to

TREADMILL

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solve it for you.

CDR Yeah, you might be. It doesn't look too bad yet, I was just kind of raising the alarm flag so people wouldn't be surprised if it did break up later.

CC Okay. I do have a couple of more notes here, but I'm going to have to get briefed on this one so hang on a second I'll get back with you.

CDR

Okay.

CC Skylab, Houston, we're about 40 seconds from LOS. Honeysuckle comes up here in just about 5 more minutes. And for the SPT all of our indications on the 82A door are that the thing is stuck OPEN. What we'd like you to do is to operate the door this pass normally. You will have no ready light, we want you to ignore the door talk back and be sure and confirm the grating short or long before starting the exposure. Over.

SPT Okay Dick I sure will. There's only 2 exposures called out for this orbit. Would they like me to go back and try and pick up a few of them previous? I can do that quite easily.

CC

Stand by.

CC Skylab, Houston for the SPT. We would like 1 extra 5 minute exposure wave length long.

SPT Five minutes long, I've got it thank you Dick.

CC Roger. and Jerry I've got another couple of questions and I'll get them at Honeysuckle.

CDR

Okay Dick.

CC And SPT, Houston, if you read in the operations of the door we want you to ignore for this next pass that permanent general message 10 to change your procedures. Just operate the door normally per the original cue card.

SPT

You mean with the door switch.

CC

That's affirmative.

SPT Okay Dick, I'm also looking at a white talk back for the wave length, and I'm not sure what that's telling me. Is there a way I can clear that and find out where I really am?

CC Rog, we think it'll clear when you open the door.

SPT

It did, thank you.

CC

Roger.

SPT Say Dick just as I did that I got - when I had the door open I got the -

END OF TAPE