

first flight will circle the Moon. Our planning says we will go as far as it is safe to go.

Mr. ROUDEBUSH. Why don't we plan to recover the first unmanned shot?

Dr. MUELLER. We do.

Mr. ROUDEBUSH. I thought on our first unmanned shot we didn't intend to recover it?

Dr. MUELLER. No, sir.

Mr. ROUDEBUSH. I understood we were going to. I understood you said we were not.

Dr. MUELLER. No, sir, we plan to recover near Hawaii. And the second unmanned will be recovered also.

Mr. ROUDEBUSH. Both are being recovered?

Dr. MUELLER. Yes.

Mr. ROUDEBUSH. I misunderstood.

Dr. MUELLER. We are exercising the full recovery fleet at the same time. We will have a complete test of the whole system.

Mr. WAGGONER. Dr. Mueller, for future reference, is there going to be any change in the numbering of these follow-on flights as a result of the accident or do you intend to continue as you had planned prior to the accident?

Dr. MUELLER. We don't plan to change the numbers because of the accident. There may be some shifting of launch vehicles and spacecraft numbers. Also, because of the complexity involved in the phrase Apollo/Saturn 206 flight and the difficulty of CAPCOM, communicating with the spacecraft, we are looking at the possibility of changing the nomenclature to call it perhaps Apollo II, Apollo IV, Apollo V, or something like that, just to make it simpler for the public to know what is going on.

Mr. FULTON. Why are you using oxygen for stationary ground capsules used for astronauts practice? Why would you not do as well with normal air pressures?

Dr. MUELLER. We don't as a rule use pure oxygen. The only time that we use it is where we are trying to simulate exactly what we are going to do in the actual flight itself. Actually there are three tests up to the launch that use pure oxygen in the capsule. One is an unmanned test in the vacuum chamber; the second is a manned test in the vacuum chamber; and the third is a plugs-in plugs-out test on the pad.

Mr. FULTON. Will you make a statement on these proposed tests as to their purpose and duration, the type of atmosphere used and whether there is a mixture of oxygen, hydrogen or helium?

Dr. MUELLER. That is under review.

Mr. FULTON. I am saying for the future.

Dr. MUELLER. So with your permission, I would like to ask if we could delay that until we have completed the studies that will lead to a recommendation in this area.

Mr. FULTON. That is perfectly all right.

Dr. MUELLER. Turning now to what we have planned in 1966 versus what we have accomplished. On the left-hand chart (fig. 10, ML 66-10,399) you will see that we have, in the case of the launch vehicles