

may have some Saturn V's in storage if we have good results from the Apollo missions to the moon.

SATURN V INVENTORY

If we had perfect results on our present plans, we could have, perhaps five or so of these in storage against future missions. But we would not have the money to develop payloads to fly those.

So, we have got a very real problem in this Nation as to whether we are going to stop flying big payloads or build some payloads that go along with any such boosters which might be placed in storage and further maintain the production of these big boosters.

Senator CANNON. If lunar landing is achieved with vehicle No. 8, how long would the Saturn V inventory carry our space program after that?

Mr. WEBB. It depends on whether this Nation wishes to build the payloads to fly on those Saturn V's that we would have in storage. We are now preparing no payloads to fly after the equipment built for the moon. We have four equipments that could be landed on the moon; four of the instrumentation sets for the moon. So, we could have up to four attempts without running out of equipment.

We could go back for a revisit if we were completely successful on No. 1 or 2, but that decision has yet to be made. The only funding available to us in the 1969 budget up to now is to do one landing and to have these extra equipments available, because no one can be sure that we may not have to use up some of this equipment in orbit around the earth before we ever head for the moon.

LARGE LAUNCH VEHICLE CAPABILITY

Senator CANNON. What is your recommendation for providing the Nation with a large launch vehicle capability after the Saturn V supply is exhausted?

Mr. WEBB. It is too early, Senator Cannon, to be specific on this. The problem that we and the Department of Defense have faced this year is whether with the serious reductions being made in research and development in both agencies it would be possible to agree as to payloads and booster requirements. We both have taken steps to obtain data on which this decision can be based but it has not yet been possible to examine with all of the other problems, requirements, and priorities, precisely how you could get to a common use basis with respect to boosters, and, to some extent, payloads.

We have now a coordinated program. We are getting a base of data on which we can consider whether an even closer association of activities could take place.

Now, I think we will find in connection with the 1970 budget that the question of Saturn I production and Titan III production can be considered on the basis of better figures than we have had. But, there is still the issue of what the payloads for even Titan III ought to be and I am sure you know that in certain classified areas, there are various possibilities for this.

We have no plans for flying Saturn I's beyond the Saturn I Workshop cluster which will take five Saturn I's, and as you know, we have abandoned the plan to shift from the Saturn I to the Saturn V for