

SATURN S-II QUALIFICATION TEST STATUS

	STAGE	GSE
TOTAL EQUIPMENT ITEMS QUALIFIED	211	22
TOTAL PROGRAM EQUIPMENT ITEMS REMAINING TO BE QUALIFIED	5	1

SCHEDULE FOR COMPLETION - REMAINING ITEMS:

DATE:	FEBRUARY	MARCH
QUANTITY:	5	1

SLIDE 12. SATURN S-II QUALIFICATION TEST STATUS

When the stage launches, they have to pull apart. These major components run through separate tests to qualify them. We subject them to rather severe vibrational environments and, in some cases, temperature cycling. This sort of thing, qualifying all these major critical components, is quite a task; and we are now drawing toward the end of the line on this problem. We have qualified 211 stage items, 22 ground support equipment items, and we have remaining only five for the stage and one for the ground support. These five are scheduled for completion this month and next, and I believe we are in real good shape here and should have qualified all our major components by the time we launch the first stage.

Now, looking at the master program schedule (slide 13), the symbol here stands for the contract delivery date. That's the date that we contracted to deliver the flight stages in our basic contract. The triangle is our master program schedule, against which we are currently projecting our deliveries. If it's black, we have already done it. You will notice on the S-II-1 we did deliver about 6 months past our contract date. The S-II-2, which has been following right behind the S-II-1, has been going through the same facilities, such as the checkout station at Seal Beach. In other words, it was constrained by the S-II-1 use of the facilities. We are running about 6 months down on that. For the third bird, we are pulling up on it here a