

To give you an idea of the things that have been accomplished in 1966, I have put down what I considered some of the highlights (slide 30). In January, we had our final water impact test for Spacecraft 007, which is structurally the same as our spacecraft and is dropped from our tower out here into a big pool to give worst-case landing conditions of the spacecraft in water. From White Sands we shot Spacecraft 002, also a spacecraft structure, in what we call the tumbling-abort test, where we simulate breakup of the booster and pulling away of the command module from the booster in a tumbling mode, which snaps the chutes out in that condition. It's a worst-case abort and we tested it in January.

In February, we had Spacecraft 009's mission. I have a chart on that I'd like to show you later. In March, 004A's thermal structural tests were completed. We heated the outside of the command module to simulate the reentry conditions.

Spacecraft 011's qualification tests were completed. We call it certification testing. Actually, it's a qualification program where we conduct tests under the worst conditions that we expect to occur to the equipment under vibrating conditions, atmospheric conditions, humidity, radio interference, and so on. This is to be sure, essentially, that we have designed the equipment with the factor of safety with respect to all the conditions that it can meet in flight. We call that a certifica-

APOLLO HI-LITES

1966

JAN	2ND (FINAL) SC 007 WATER IMPACT TEST SC 002 TUMBLING ABORT TEST
FEB	SC 009 MISSION ACCOMPLISHED
MAR	SC 004A THERMAL STRUCTURAL TESTS COMPLETED
APR	SC 011 CERTIFICATION TESTING COMPLETED 14-DAY MANNED ENVIRONMENTAL CONTROL SUBSYSTEM BREADBOARD TEST COMPLETED
JUN	SC 004 STRUCTURAL TESTING COMPLETED SERVICE PROPULSION SUBSYSTEM STANDPIPE FIX VERIFIED ON SC 001
AUG	CM-004A STRUCTURAL TESTING COMPLETED SC 008 THERMAL-VACUUM TESTS (NO. 1 & 2) AT MSC SC 011 MISSION ACCOMPLISHED
SEP	SC 011 TESTING AT WSTF COMPLETED SC 012 DESIGN CERTIFICATION REVIEW SC 007 FLOTATION TEST AT MSC