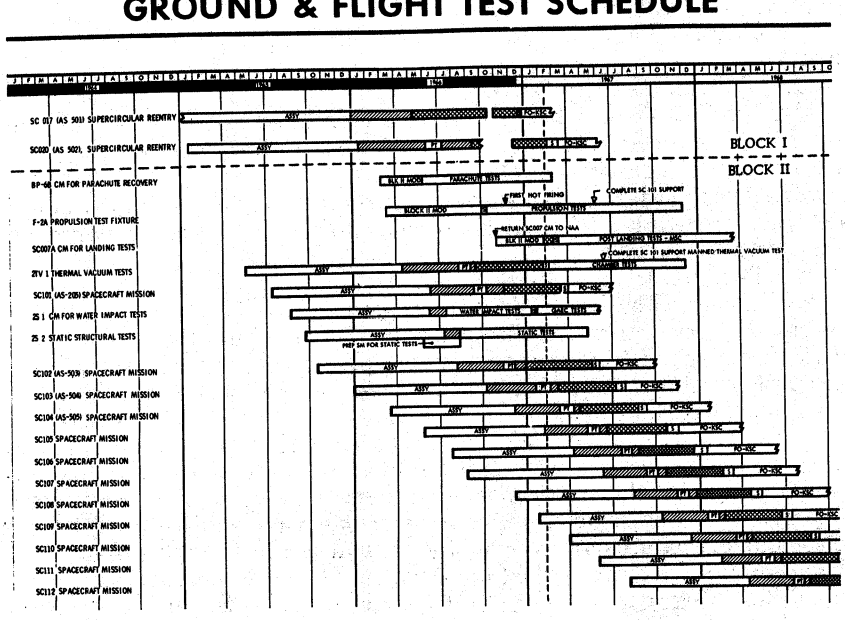
through propulsion tests down at White Sands, and these integrated system tests, like the thermal-vacuum test here, and then the block II propulsion tests at White Sands.

We went through launch environments where we determined the vibration environment and the "G" effects of the launch in the Saturn I launching; supported the micrometeoroid experiments with Boilerplate 16; went into our first of the real spacecraft flights here in February on Spacecraft 009; and had our Spacecraft 011 launch in August, which was a three-quarter Earth orbit flight. Then, we move to the position where we're getting ready for the first possible manned spacecraft flight for Spacecraft 101. These are all Saturn I–B launches, and down at the cape now we are getting ready for the first of the Saturn V launches with the unmanned flight of Spacecraft 017. That should be accomplished in the second quarter of this year. That flight, by the way, will be a flight which will reenter with lunar reentry velocities. It will be the first opportunity we have to actually match lunar reentry velocities of 36,000 feet per second on reentry to test our heat shield.

As far as program schedules are concerned, this is the status of the program at the moment (slide 34). Spacecraft 017 is down at the cape. It is just now being destacked from its mechanical fit with the Saturn V booster. We have some testing to do back at what we call the MSOB, the manned spacecraft operations building. Then we go back onto the stack with the Saturn S–II that's moving into position for this launch here in the second quarter.



SLIDE 34. GROUND AND FLIGHT TEST SCHEDULE