

to prove the flightworthiness of the J-2 engine and the liquid hydrogen second stage. We gained considerable confidence with these flights with regard to propulsion maturity and developmental status, the guidance and control system and, in fact, all of the subsystems and components associated with the Uprated Saturn I vehicle.

I should inject at this point that the Saturn I program was run in a much smaller, closer manner than we are able to do today with the Saturn vehicles for the lunar program. The organization has grown, contractor participation has grown large and the interfaces have become a very important part of the program. We are able to optimize these to serve the program well.

One of the most important accomplishments thus far in the Uprated Saturn I program is the liquid hydrogen experiment flown on AS-203

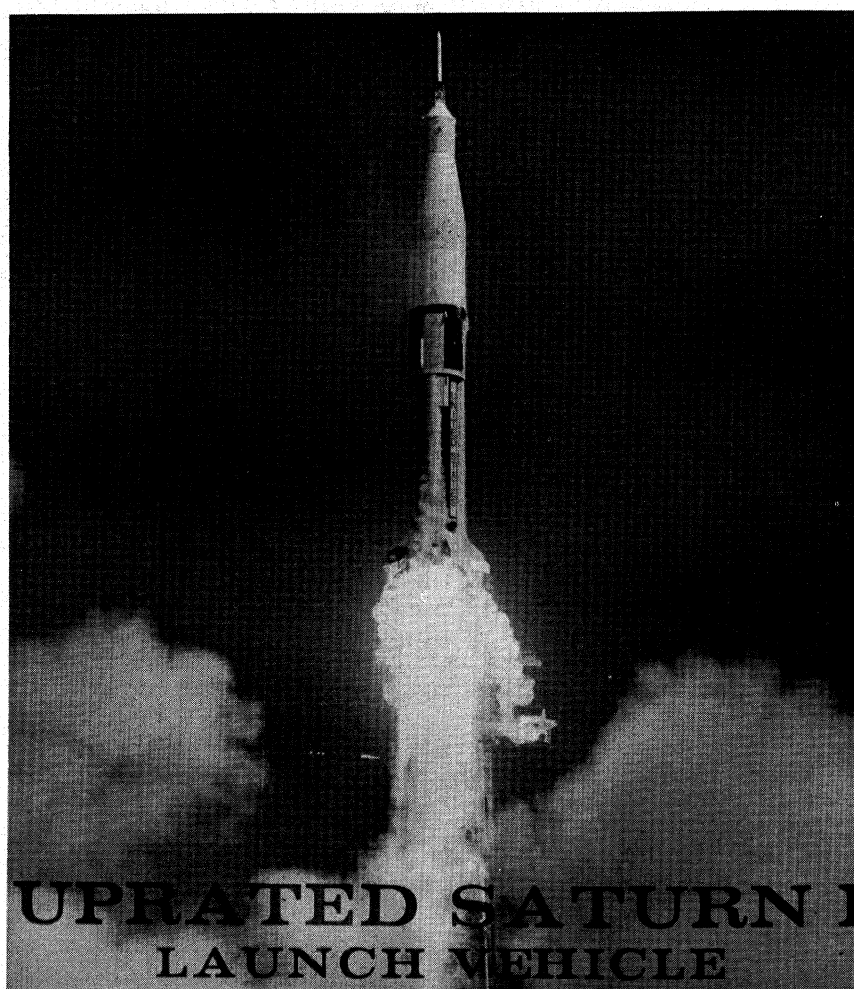


FIGURE 8