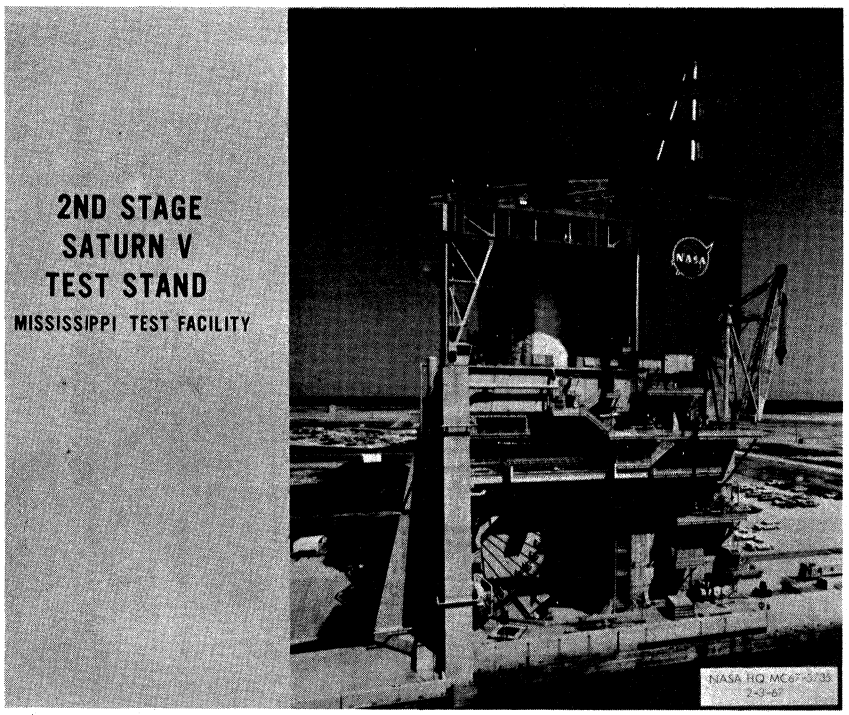

FIGURE 21

The total capital investment for these facilities as of June 30, 1966, exceeds $117,277,000.

The engines which are used in all space vehicles, the H–1, F–1, and J–2, are developed, fabricated, assembled, and tested by Rocketdyne Division of North American Aviation, Inc., at Government-owned facilities. The developmental testing takes place at Santa Susana (fig. 22, MC67–5741). The H–1 engine is fabricated, assembled, and tested at Neosho, Mo. The F–1 and J–2 engines are fabricated and assembled at Canoga Park, Calif. (fig. 23, MA64–9446). The acceptance testing for the F–1 engine is conducted in facilities constructed at the Edwards Air Force Base and the testing of the J–2 takes place in facilities provided at Santa Susana, Calif. In each instance, we have capitalized on basic resources provided by the Department of Defense with augmentation by NASA.

Two Saturn launch vehicles stages, the S–IVB and the S–II are fabricated and assembled on the west coast.

The S–IVB stage is manufactured by the Douglas Aircraft Co. (fig. 24, MC67–5759) in company-owned facilities at Huntington Beach, Calif. Acceptance testing of the completed stages takes place at Sacramento, Calif. (fig. 25, MC67–5760), where NASA has an operational test complex.

The fabrication and assembly of the S–II stage is performed in the NASA constructed facility at Seal Beach (fig. 26, MC67–5761) oper-