ZE SEPT

## LUNAR TRIP READIED

## Saturn Boosters 'Fly' at Michou

By JAMES HEARTY

The gigantic, awesome Uprated Saturn I and Saturn V first stages, designed for use in the Apollo manned lunar landing program, are "flown" at Michoud without leaving the ground.

This highly complicated feat is performed on the Saturn V booster at the National Aeronautics and Space Administration's

Michoud Assembly Facility in a specially constructed final systems meet all specifications, state test building by the Boe- If there is a discrepancy the

acre manufacturing building.

ENGINEERS AND technicians take the rocket through the inside of a booster, he must functions

ing used by Boeing measures All handtools must be tied to a 464 feet by 166 feet and is dividbelt around his waist. ed into four test cells and a Extreme cleanliness is main-

The enormity of the final testing task is illustrated by a look at the mammoth Saturn and thorough testing will come first stages.

THE SATURN V BOOSTER returned safely to earth. is 138 feet tall and 33 feet in diameter. It develops 7.5 million pounds of thrust from its five F-1 engine at liftoff. The Uprated Saturn I booster, first stage for the 224-foot tall two-stage vehicle, is 80 feet long and 21.4 feet in diameter. It generates 1.6 million pounds thrust through eight H-1 en-

Control rooms are the centers of activity in the testing and checkout programs. The functions are more more transfer of activity in the testing and checkout programs. The functions are monitored, controlled and evaluated there.

SINCE 65 per cent of all test-

SINCE 65 per cent of all testing is performed automatically, computers are necessary.

Requirements for each actual flight are fed into a computer and, for a given test, the computer will scan its memory drum, give the go-ahead signal and release the proper stimulus of the special clinics to receive free computer and release the proper stimulus of the special clinics to receive free computer and release the proper stimulus of the special clinics to receive free computers are necessary.

Ouachita Parish will fight the disease Oct. 19, 20 and 21. Concordia, Catahoula and LaSalle parishes will conduct the propersum during the week of Oct.

25.

Children from ages through eight should attend one of the special clinics to receive free. to determine if the particular immunization.

ing Co., stage contractor.

The Chrysler Corp. conducts the Uprated Saturn I checkout in a screened-in area in the 43bypassed for further testing.

launch simulation to verify that wear a "hard hat" and soft-sole it can perform the prescribed shoes, and remove everything lose in his pockets for protec-The 109,000-square-foot build- tion to himself and the booster.

central control office and computer complex. Chrysler's area can accommodate two boosters. plosion.

> The reward for the intricate when the first American astronaut is landed on the moon and

## Plan Attack

Eight northeast Louisiana panext to end

inctions are monitored, concolled and evaluated there.

Telementry rooms monitor the undreds of fast manufacturing the state Department of the state hundreds of test measurements in the mass vaccination during the boosters.

Ouachita Parish will fight the

and release the proper stimulus special clinics to receive free