

# Unmanned Gemini Capsule Puts US Closer To Goal

CAPE KENNEDY, Fla., (AP) — An unmanned Project Gemini capsule was propelled into orbit by a Titan 2 rocket Wednesday and the United States got a flying start toward a goal of launching two astronauts into space in a similar craft late this year.

Analysis of data on Wednesday's flight and a second unmanned firing scheduled in the summer will determine whether the manned mission will be achieved in November or December as planned.

The powerful Titan 2, making its debut as a space booster, lifted off at 11 a.m. after a perfect countdown and hoisted the 7,000-pound spacecraft into an orbital path ranging from 99.6 to 204 miles high.

"We've got an orbit! It's a beaut," said the operations director, Walter C. Williams, just six minutes after blastoff.

Williams told a news conference later the high point was 21 miles higher than desired because of faster-than-planned booster speed. But he said that on a manned mission, the astronauts easily could correct this with their on-board fuel supply.

Project director Charles Mathews termed the flight a milestone in the program. He said Gemini teams can now move confidently toward an unmanned ballistic space craft test in the summer and a flight by two astronauts late in the year.

Because officials sought only engineering data, no attempt was made to separate the spacecraft from the spent rocket casing.

The entire assembly, weighing 11,500 pounds, rocketed into orbit and was followed by the space agency's worldwide tracking network for little more than one orbit before its electrical power and radio beacon ceased as intended.

The satellite was expected to circle the earth silently for about 3 1/2 days before burning up as a result of atmospheric friction. It is the second heaviest satellite launched by the United States, behind the world record 37,700-pound giant boosted by a Saturn rocket in January.

The Saturn satellite also was mostly dead weight, but both are considered significant steps toward a U.S. goal of landing astronauts on the moon in this decade.

The Gemini program promises many dramatic episodes. The first manned flight is to place a two-man team into space for three orbits lasting a total of about five hours, to check out all systems.

The second manned flight, in 1965, will extend to four days and the third to seven days, gradually working to two weeks to gather information on man's physical reactions to prolonged weightless flight.

## A&M Veterinarian Attends CD Meet

Dr. Alvin A. Price, dean of the College of Veterinary Medicine at A&M University, will be in Atlanta, Ga. April 9 for a study on "Civil Defense and the Veterinarian."

The U.S. Public Health Service called Dr. Price to the conference at the Communicable Disease Center in Atlanta. The study will center on preparation of veterinarians for civil defense in national emergencies.

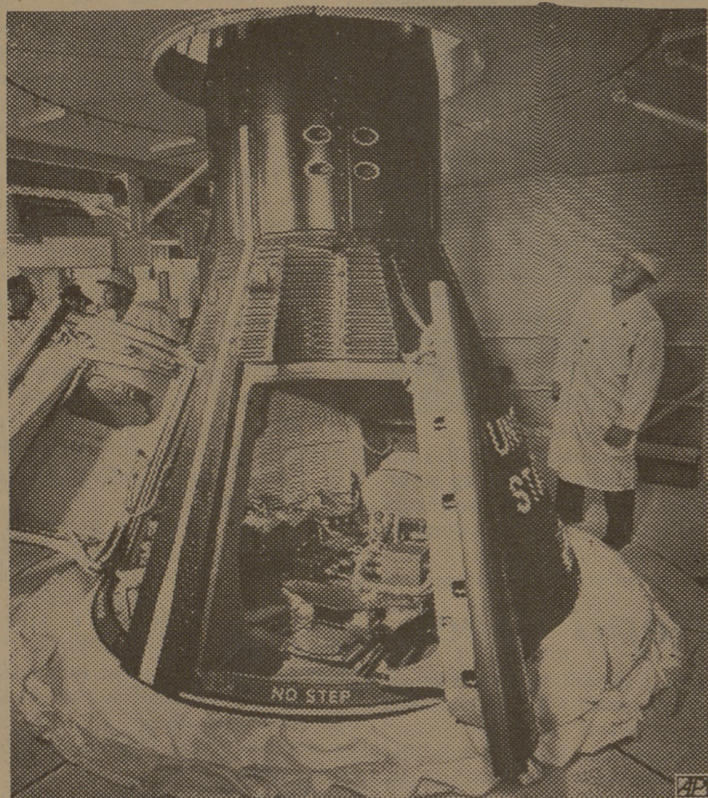
Other College of Veterinary Medicine personnel have returned from recent meetings.

Drs. L. C. Grumbles, C. F. Hall and A. I. Flowers were in Auburn, Ala., last week for the annual meeting of the Southern Conference on Avian Diseases.

Dr. Grumbles presided as vice president. Dr. Hall presented a paper and Dr. Flowers served as chairman of the Committee on Nomenclature and Disease Reporting.

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ASTRONAUTS SURVEY GEMINI CAPSULE  
Astronaut Neil Armstrong, inspects project Gemini capsule.

## AMONG THE PROFS Geologist Slates Washington Meet

Dr. Melvin C. Schroeder, geology professor, will present a paper on the distribution of radioactivity through ground water during the 45th annual American Geophysical Union meeting in Washington, D. C., April 21-24.

The research paper, entitled "Studies Simulating Radioactive Contamination of Aquifers by Sub-surface Nuclear Explosions," is the result of work done by Schroeder and A. R. Jennings, geology graduate student.

Members of the Department of Oceanography and Meteorology are presenting technical papers and attending professional meetings this week in several states.

Reading a paper to the American Chemical Society meeting in Philadelphia are Dr. M. A. Zeitoun, Dr. Richard R. Davison and graduate student Frank White. The paper is entitled "Solvent Extraction of Sewage Secondary Effluents, Heterogeneous Equilibrium of Organics and Inorganics."

Dr. Donald G. Barker of the Department of Education and Psychology is author of an article in the current issue of "Research Quarterly," a publication of the American Association for Health, Physical Education and Recreation.

"The Factor Study of Major League Baseball Records" is Barker's second statistical study on the sport.

A&M University's recently approved cyclotron will be the subject of a talk by Dr. John A. McIntyre at a Baylor University nationwide seminar Monday.

McIntyre will meet with students and faculty for informal discussion on curriculum and research problems in physics.

Dr. John Paul Abbott, professor of English, has been reappointed to the Advisory Board of the Alley Theatre, Houston.

Five members of the library staff are attending the Texas Library Association annual meeting in Abilene.

Making the trip with Library Director Robert A. Houze are As-

sociate Director R. C. Woodward, Miss Phyllis Brown, head acquisitions librarian, Mrs. Nan Cardwell of the veterinary medicine library and Miss Mayme Evans, documents librarian.

Houze is chairman of the Council of State College Librarians.

## Ag Information Host S. A. Meet

Five states were represented as the American Association of Agricultural College Editors opened a Subregional meeting Wednesday in San Antonio. Members of the Department of Agricultural Information of A&M University are serving as hosts for the occasion which continues through Friday.

Editors from Arkansas, Louisiana, Mississippi, Oklahoma and Texas were in attendance Wednesday.

Walter McAllister, mayor of San Antonio, was scheduled to welcome the group Thursday morning when the formal program got underway. "Urbanization — the Changing Scene," was to be discussed by John G. McNeely, A&M professor of agricultural economics.

Challenges for agricultural information will be heard from state, federal, and mass media viewpoints. Participating in this discussion will be Edd Lemons, head editor at Oklahoma State University; Harold Bryson, chief, Southwest Area Information Division, Agricultural Marketing Service; James H. McCormick, assistant director, Office of Information, U.S. Department of Agriculture, Washington, D. C., and Dave Shanks, Austin American, Austin. At a noon luncheon Thursday, Stanley Banks, Sr., attorney-at-law, San Antonio, reviewed historical points of interest in that city.

The final day's meeting will highlight "Our Key Efforts Today," a report by states of the past year's activities.

## Today's Thought

Prayer is a person-to-person relationship.

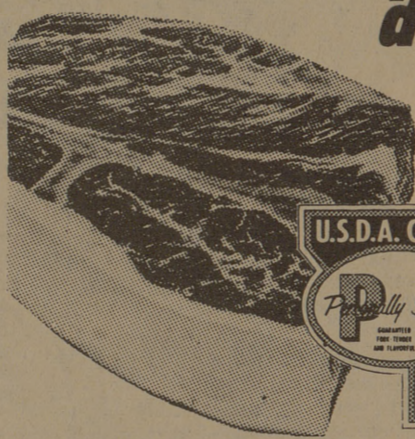
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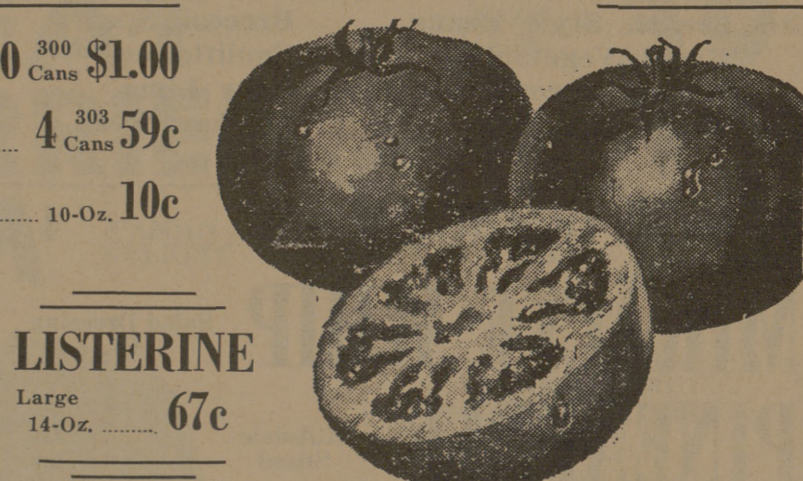
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