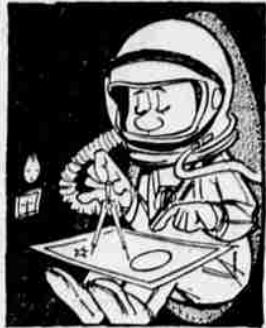


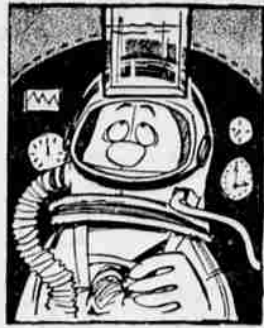
It Won't Be All Sight-Seeing for Carpenter



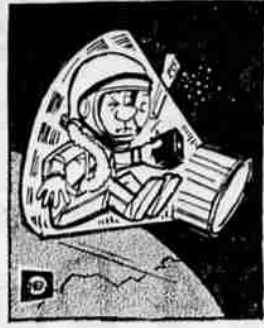
When astronaut Malcolm Scott Carpenter goes into orbit in the Mercury capsule, he will perform a number of tests and experiments John Glenn didn't have time to do because he was forced to fly his ship manually. Some of Carpenter's scheduled chores are illustrated in sketches above: • Track the booster rocket which launches him for as long as he can. • Plot navigation by the stars and use the



earth's horizon in determining position and course. (The first two exercises will help future spacemen to rendezvous with each other and with supplies in orbit.) • Release a 30-inch "beachball" attached to a cable to find the density of the little atmosphere that is left at his altitude. The ball will be painted different colors and Carpenter will report which are the most visible in space. • Carry a



transparent plastic tank of colored water in his capsule to see how liquid reacts under weightlessness. (This will help in design of fuel tanks.) • Try to get some pictures of the luminescent "fireflies" seen by John Glenn outside his capsule. Otherwise, Carpenter will duplicate Glenn's three-orbit flight around earth.



Court Case Could Decide U.N. Future

Bears Directly On Finance Issue

WASHINGTON (AP)—The World Court starts hearings Monday in a case which could have a major impact on the future of the United Nations.

The case, on sharing costs of its Congo and Middle East operations, bears directly on the U. N. struggle to keep afloat financially and pay for future peacekeeping forces.

Indirectly, it could lead toward loss of Communist countries of their vote in the U. N. General Assembly and affect the congressional prospects of President Kennedy's disputed \$100-million U. N. bond request.

Loss Vote by 1964

U. S. statisticians figure that with a favorable court ruling and the bond plan in effect, the Soviets will lose their General Assembly vote by 1964 unless they switch tactics and pay their full U. N. assessments plus another \$9 million of arrears.

The State Department has assigned its top lawyer, legal adviser Abram Chayes, and his assistant, Stephen M. Schwebel, to present the U. S. argument at the World Court's seat at The Hague.

Lined up with similar views are Australia, Canada, Iran, Italy, the Netherlands, Norway and Britain.

The opponents include a mixture of Reds, such as the Soviet Union and Czechoslovakia on the one hand, and non-Reds, such as France, Upper Volta, Spain, Portugal and South Africa on the other. France contends the issue is political and thus not for the court to decide.

The 15-man tribunal—known officially as the International Court of Justice—is expected to listen to renowned barristers on the case for a week or two, then deliberate and hand down a ruling before going into summer recess a couple months hence.

An Advisory Opinion

The question at issue has been put to the court by the General Assembly itself for an advisory opinion on whether the U. N. Congo and Middle East costs are expenses of the organization within the meaning of the U. N. charter Article 17, and thus binding on all U. N. members.

Article 17 says the expenses of the organization shall be borne by the members as apportioned by the General Assembly.

Next U.S. Orbital Experiment

Carpenter's Flight to Expand on Glenn's

By HOWARD BENEDICT
Of the Associated Press

CAPE CANAVERAL, Fla. (AP)—Lean, handsome Malcolm Scott Carpenter is about to embark on a journey dangers and fascination of which are known to only three men—a pulsating orbit ride more than 100 miles above the earth.

If the present schedule holds, Carpenter, outfitted in a silver space suit, will ride an elevator to the 11th level of a red and white rocket service tower on Pad 14 early next Saturday morning.

He will wiggle into a cramped space capsule—which he personally has named "Aurora 7"—and sometime between 7 a.m. and 12:30 p.m. he will be shot into space by an Atlas missile.

Astronaut John H. Glenn Jr. took the same dramatic steps last Feb. 20. His fabulously successful flight is now history. He circled the earth three times and became

a legend instantly, a new hero the United States ecstatically embraced as a symbol of this nation's great pride.

Two other men have experienced orbital flight, the Russians Yuri A. Gagarin and Gherman S. Titov.

Glenn's flight proved that man can survive for at least short periods in the weightless environment of space, and that he can operate under stress in this strange new world.

Carpenter is to expand on the knowledge gained from Glenn's ride. What he and other astronauts learn in the next few years will ease the path which future American spacemen will take to the moon late in this decade—and eventually to Mars, Venus and other planets.

Carpenter's assignment basically is the same as Glenn's. The flight plan calls for him to whirl three times around the globe as Glenn did in four hours 56 minutes at 17,500 miles an hour.

Many changes have been introduced, some of them to correct problems which cropped up on Glenn's flight. Others give Carpenter, 37, a Navy lieutenant commander, a number of assignments—including observation of a trailing balloon, ejection of man-

Salinger Has Busy Day With Premier

MOSCOW (AP)—White House press secretary Pierre Salinger returned to Moscow Saturday night after a day of talks, motorboating and skeet-shooting with Soviet Premier Khrushchev.

Salinger declined to discuss the nature of the unscheduled talks with Khrushchev, saying only: "Any conversation with Khrushchev is an interesting conversation."

Salinger told reporters at the residence of U.S. Ambassador Llewellyn Thompson that he brought no message from President Kennedy nor did Khrushchev give him any word to take back to Washington.

Invited by Adzhubel

Salinger arrived here Friday night at the invitation of Khrushchev's son-in-law, Alexei Adzhubel, editor of the government newspaper Ivestia, to discuss U.S.-Soviet news, radio and television contacts.

He met reporters after returning to Moscow from what had originally been described as a visit to Adzhubel's dacha.

As it turned out, Salinger spent the night and much of Saturday at a yellow stucco government dacha on the Moscow River about three miles from Adzhubel's private country residence.

It is the same country house where former Vice President Richard M. Nixon stayed when he visited the Soviet Union in 1959.

Salinger dined Friday night with his host and a group of Soviet newsmen. After that they saw a movie, "The Amphibious Man," in a private theater at the house.

Family Appears

Saturday morning Adzhubel, Mrs. Adzhubel—the premier's daughter—and two of the Adzhubel children showed up for a big breakfast.

Khrushchev appeared a few hours later and the party went motorboating up and down the Moscow River with a professional at the controls.

Then they came back to the shore for a round of skeet-shooting.

Afterwards the premier and Salinger took a long walk in the woods, during which they had a private conversation. Following lunch the two men had another private conversation, which lasted until 6:30 p.m., when Khrushchev went home and Salinger drove back to the residence of the U.S. ambassador.

made luminous particles, study of liquid in weightlessness and several photographic duties.

Near the end of Glenn's first orbit, the automatic con- sidering that man is better than machine in space. Without a human pilot, the capsule would have been ordered to the ground after the second orbit, just as Enos the monkey took over manual control of the craft the last two orbits, conclusively demonstrating that man is better than machine in space. Without a human pilot, the capsule would have been ordered to the ground after the second orbit, just as Enos the monkey took over manual control of the craft the last two orbits, conclusively demonstrating that man is better than machine in space.

This caused the capsule to functioned slightly. Two small jets which emit streams of hot system in his capsule malfunctioned when his craft developed similar problems in a preliminary Project Mercury flight last November.

The fault was traced to breaking under excessive heat of a stainless steel screen at the mouth of the jet fuel line, with pieces of the screen being sucked into the line. Platinum wire has been substituted on Carpenter's capsule.

Carpenter will try experiments Glenn was unable to

carry out because of his occupation with the manual controls. Among them are observation of the stars, exercising, eating more frequently, and preplanned manual control tests.

Actually, about half the flight is planned to be automatic and half manually directed. At times, "Aurora 7" will be permitted to drift off its intended attitude course to determine what happens to communications. This could afford a hint to the type of radio antennas which will be needed on moon-bound spacecrafts.



(AP Wirephoto)

Suited Up

Astronaut Scott Carpenter has his space suit checked by technician Joe Schmitt before a simulated mission in his spacecraft Aurora 7. Carpenter's planned three-orbit trip around the earth is scheduled for this week, probably not before Saturday.

Carpenter Captions Capsule After Corner in Colorado

CAPE CANAVERAL (AP)—Astronaut Scott Carpenter disclosed Saturday he has named the space capsule he will ride into orbit later this month "Aurora 7"—partly because he grew up on the corner of Aurora and Seventh streets in Boulder, Colo. As the launch schedule now stands, the lanky, 37-year-old Navy lieutenant commander is to be rocketed aloft May 19 for a three-orbit mission similar to the one undertaken by John Glenn, the first American to circle the earth in space.

But the flight plan revealed Saturday for Carpenter's trip made clear that his flight will be far from a carbon copy of Glenn's voyage.

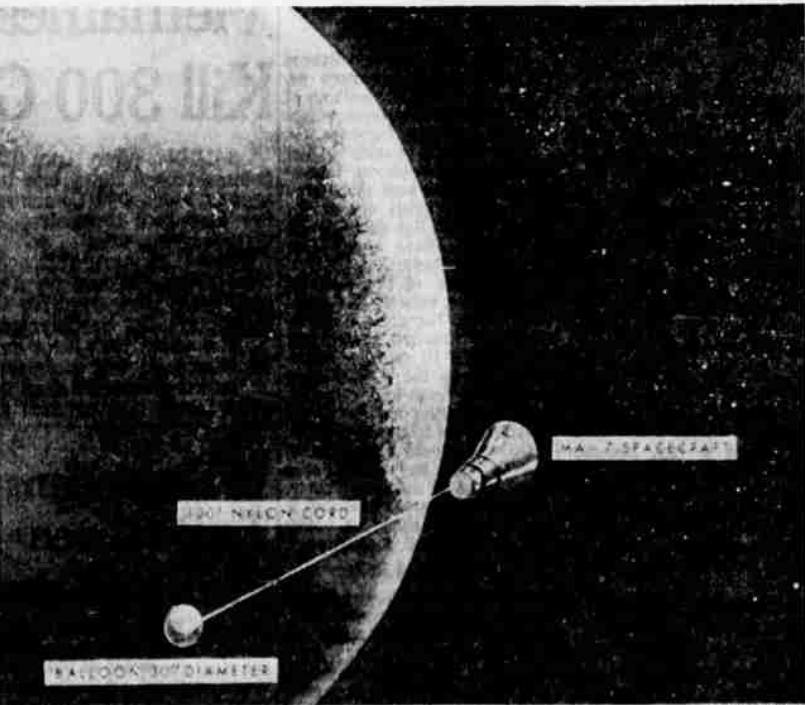
Among other things, Carpenter will be assigned the task of throwing "confetti" into the sky to gather clues about the luminous particles that Glenn reported seeing in flight. The

experiment is designed to demonstrate whether or not space plays tricks on the human eye.

Scientists also want Carpenter to tell them something about how liquids react to zero gravity (weightlessness), how colors appear in the murky world of space, and to get extensive pictures of the heavens, the earth, and the horizon.

Glenn was to have performed some of these chores on his orbital mission, but was unable to get to them because the automatic attitude control system on his Mercury capsule went out and he had to devote most of his attention to manually flying the space vehicle.

Similar control system problems cropped up Friday in Aurora 7 and scientists pushed back the flight schedule two days so the difficulties could be corrected. It was the second such revision.



(AP Wirephoto)

Space Balloon

The National Aeronautics and Space Administration issued this drawing Saturday to show how a Mylar aluminum inflated balloon is to be released from Astronaut Scott Carpenter's spacecraft during orbital flight. The test is designed to show visual characteristics of colors in outer space and to measure aerodynamic drag.

Fire Runs

(From 11 a.m. daylight Saturday until 10 p.m. daylight Saturday)

Eugene
None
Springfield
None.

BLM Reveals Bid On Crushed Rock

Sanco of Oregon, Inc., Portland, was low bidder recently for production of 20,000 yards of crushed rock for maintenance of timber access roads in Lane County.

The Bureau of Public Roads announced the firm's bid was \$96,800. The rock will come from the Nelson Ridge quarry and be stockpiled at three areas.

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