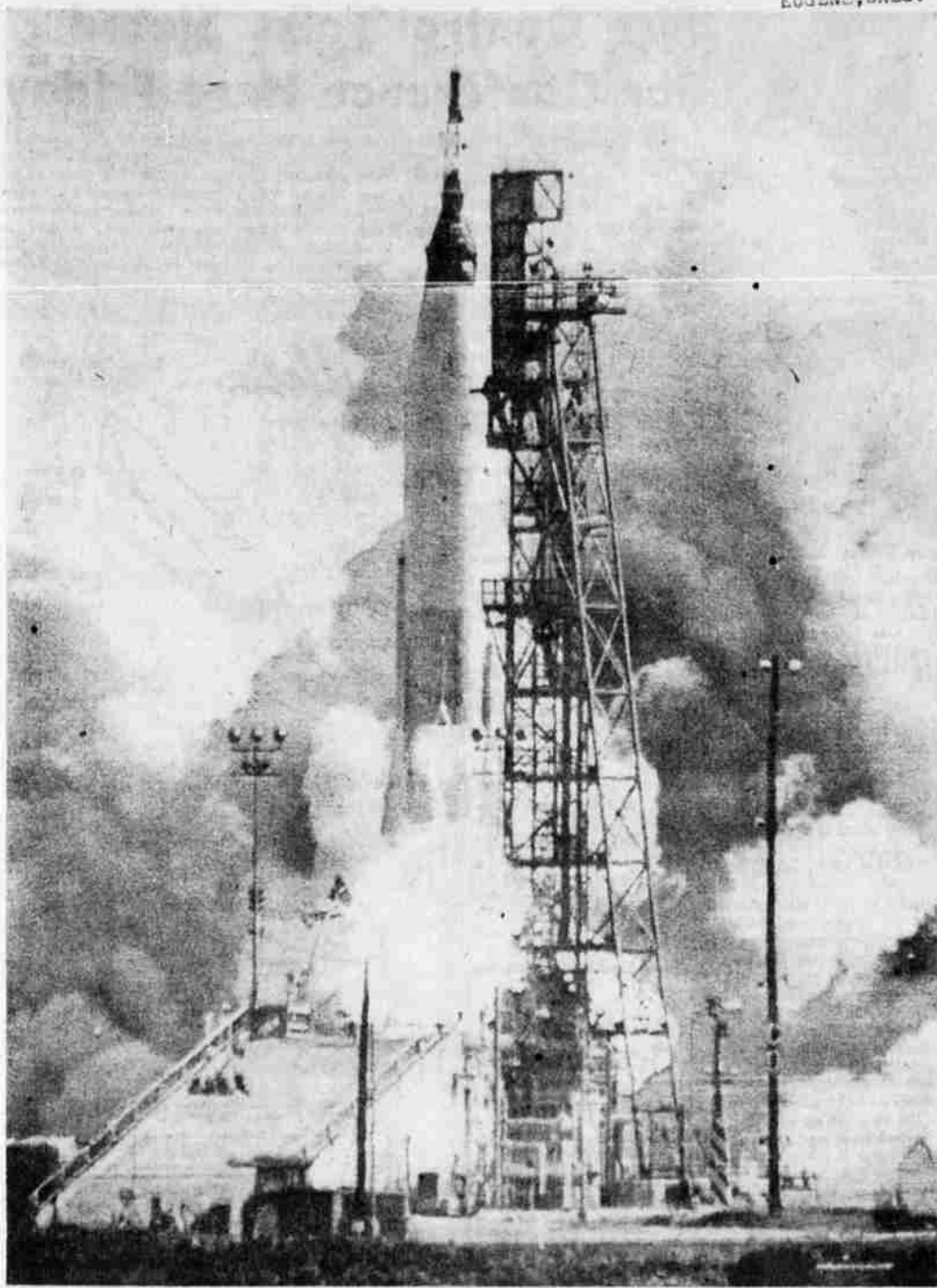


All Systems 'Go' As Cooper Starts 22-Orbit Space Trip



ATLAS BOOSTS COOPER INTO SKY — At Cape Canaveral, the Atlas 130-D booster, which inserted astronaut Gordon Cooper into orbit this morning, lifts majestically off its launching pad and into space. — UPI Telephoto

CAPE CANAVERAL, Fla. (UPI) — L. Gordon Cooper, 36, made a flawless leap into the sky today on a trail-blazing space mission designed to carry him 22 times around the earth in 34 hours.

The purpose of the Air Force major's planned 575,000-mile journey was to smash all previous U.S. space records and to get information crucial to success of moon flights to come later in this decade.

Cooper's gleaming Atlas booster

rocket rose from the launch pad at 6:04 a.m. PDT. At 9:05 a.m., when he completed his second trip around the globe, ground controllers reported: "All systems are a 'go' condition. The pilot is very comfortable."

One of the astronaut's first remarks after his roaring climb into orbit was, "It felt real pretty." At the end of the first orbit, clocked at 7:38 a.m., his mentors on the ground told the blue-eyed, 147-pound astronaut he could go on for at least seven orbits.

Would Land in Pacific
If he is getting along all right at the end of seven orbits, he will go on for 17, then for the full mission of 22 circuits. Completion of the planned flight would bring him down in the Pacific Ocean about 100 miles southeast of Midway at about 4:20 p.m. PDT Thursday.

Cooper goes the full 22 orbits, he will pass over more than 100 countries and possessions. For the first time an American astronaut will fly over Communist territory. The planned track crosses Red China six times.

After two orbits, the space agency recalculated the speed and flight path of Cooper's Faith 7 capsule as follows:

Peak velocity: 17,546 miles an hour.
Low point of orbit: 100.2 miles.
High point: 163.8 miles.

Time for one circuit of globe: 88.45 minutes.

Orbital path: 32.5 degrees north and south of the equator. This figure is out about 2.275 miles on either side of the earth's middle line.

92-Degree Temperature
Tracking station data showed that the temperature inside the cabin was 109 degrees and inside Cooper's 20-pound air-conditioned space suit 92 degrees.

This was warmish, but "well within range" of safe margins, officials said. Cooper reported he felt a bit warmer than normal but was "having no trouble" with his silvery suit.

As he roared into the sky for lift-off, Cooper underwent forces of acceleration which multiplied his 147 pounds about 7½ times.

His first words after his 260-ton Atlas rocket rose into the sky at 6:04 a.m. PDT were to report that everything was fine.

Moments later he described his condition and that of his tiny Faith 7 spacecraft as "super."

The Air Force major roared off after one of the smoothest count-downs in history. There had been only one four-minute hold.

Cooper entered his spacecraft at 3:32 a.m. PDT and climbed into the sky two hours and 32 minutes later.

Six minutes afterward, having soared into orbit 100 miles up in test further the effects of weightlessness on human beings and to amass information vital to the forthcoming two-man Gemini and Apollo moon flights.

Has Perfect Start
The countdown, with only one four-minute hold, and blastoff for

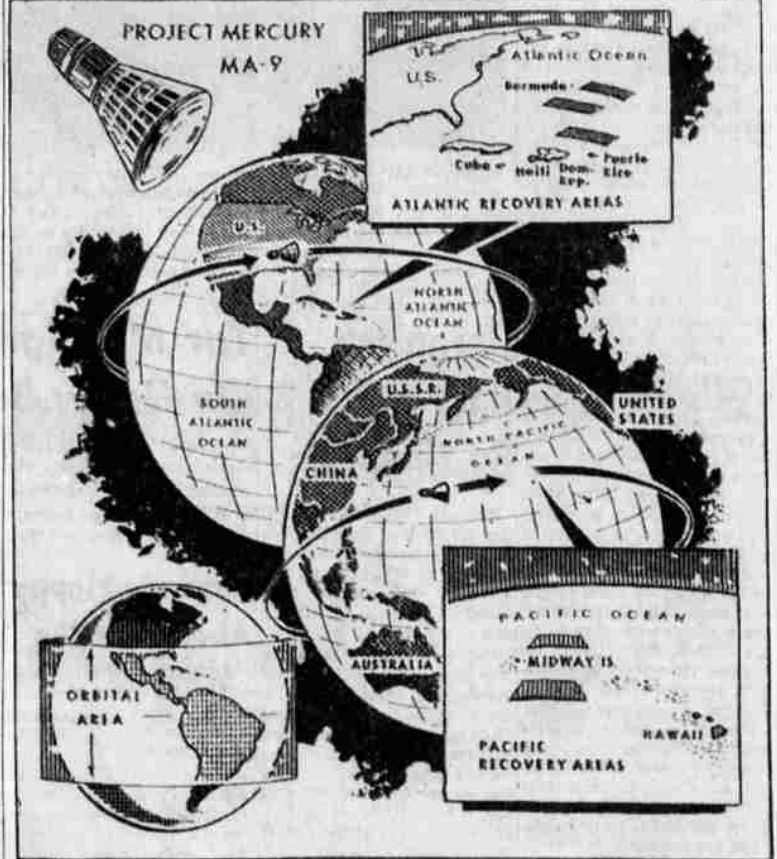


CHART OF POSSIBILITIES — Newschart indicates various possibilities in the projected 22-orbit, 34-hour flight of astronaut L. Gordon Cooper today. Top globe indicates path of the first orbit while lower globe shows final orbit if flight goes entire distance. Primary landing area would then be in Pacific, lower right inset, near Midway. If flight has to be shortened, landing area may be in Atlantic, upper right inset. Entire area covered by 22 orbits is indicated at lower left.

Weather

Klamath Falls, Tulelake and Lakeview
—Partly cloudy until Thursday; center tonight, lows 33-35. Highs Thursday 45-47. Variable winds 5-12 m.p.h.
High yesterday 44
Low this morning 31
High year ago 38
Low year ago 30
Precip. past 24 hours .09
Since Jan. 1 4.91
Same period last year 7.51

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Weather

AGRICULTURAL FORECAST
Partly cloudy with little change in temperature for next few days. Some frost tonight. Some showers indicated after Friday. Soil temperature 45 degrees and slowly rising.

In The Day's News

By FRANK JENKINS

As this is written, 36-year-old Air Force Major Gordon Cooper is off the ground and spinning around the earth at 17,544 mph. Note in speed demons: Don't try to equal his speed on pavement. It can't be done. If you want to travel that fast, get a job as a space pilot.

Major Cooper achieved orbit this morning six minutes after his lift-off. He was then 100 miles out in space, and called Walter Schirra (who flew six times around the earth last fall) on his space intercom.

Schirra said to him: "It's great sport, isn't it?"

Cooper answered: "It sure is."

His go-ahead order when he achieved orbit was for seven times around. If he is going strong at the end of seven circuits, he will get a go-ahead for 17 orbits. If he makes the 17, he will go for the full 22.

Every 87.7 minutes, he circles the earth.

Page Jules Verne!

His man Phileas Fogg took 80 DAYS to make it around.

Incidental information:

As this is written, the temperature inside the space ship Faith 7 is 109 degrees. The temperature inside Major Cooper's 20-pound air-conditioned space suit is 92 degrees.

He isn't suffering from the cold.

Back to Jules Verne and his famous romance, Around the World in 80 Days. Can you remember how he came to make the trip?

Phileas Fogg, an Englishman, was living it up at his London club when the conversation got around to speedy travel. Fogg, perhaps led on by a few gin and bitters, made a bet that he could circle the earth in 80 days. A fellow member took him up on the bet.

Fogg and his French valet Passepartout set out that very night and by superhuman effort, particularly by the resourceful En-

Natural Resource Office Backed By Ways, Means

SALEM (UPI) — A proposed State Department of Natural Resources was given an unexpected push forward Tuesday night by the full Ways and Means Committee.

It sent the reorganization bill to the House floor "without recommendation."

Although the endorsement was weak, it was more than supporters thought it would get when Speaker Clarence Burton sent the measure to Ways and Means a month ago.

The action came as the committee acted on 25 measures in an effort to speed bills with fiscal

implications to the floor so the 1963 session can adjourn.

The bill would gather the state's natural resource agencies into a department with a director appointed by the governor. The director, in turn, would name the heads of six divisions: Fish and game, small boats and harbors, mineral resources, forestry, water resources, and agriculture.

Ways and Means restored original proposals to merge fish and game agencies. The House Natural Resources Committee, which earlier approved the proposed department after much study, had

decided to keep fish and game separate.

Agencies and interested groups that would be involved in the reorganization have resisted it.

Committee Busy
In other actions, the committee: — Approved a measure that would let the Welfare Department end the aid to dependent children program in cases where the unemployed father lives in the home, if the agency finds it advisable during the next biennium.

— Approved the transfer of \$5.5 million from the veterans bond sinking fund to the general fund to meet shortages in funds for current state services.

— Approved a \$243.7 million Highway Commission budget. The money comes from dedicated funds.

— Approved an increase in salaries of district judges from \$10,500 to \$11,000.

— Approved revisions in teachers' and judges' retirement plans, and in state fund investments.

— Okayed a bill to let the superintendent of a state institution stay on past retirement age. It is aimed at keeping prison warden Clarence Gladden on the job until a successor is found.

— Approved budgets for the Fish Commission, Game Commission, Justice Department, Board of Health, Tax Commission, Council on Aging, and Corporation Department.

Other Highlights
Columbia Compact: The Senate voted 21-9 to ratify a proposed Columbia Interstate Compact which is aimed at orderly development of resources by seven states. The compact failed to get approval in Washington this year.

Compensation: The House Labor and Industries Committee completed major policy decisions on a bill to rewrite Oregon's 35-year-old workmen's compensation law.

Tax — Members of the House Taxation Committee formally expressed their unhappiness over a Senate Tax Committee revenue-raising plan.

Since last fall the State Game Commission has been under fire from the Oregon Fish and Game Council, an organization of sportsmen representing six Oregon counties, which has charged the commission with mismanagement of the state's deer herds, particularly in Eastern Oregon.

Amacher said that opposition to the game commission's present control policies was expressed most vehemently at Klamath Falls and Bend, although a record sentence against the killing of does and fawns was heard at nearly all of the meetings.

The commissioner was critical of the U.S. Forest Service, which controls the greater part of Oregon's hunting area, for failing to participate in the local hearings.

Other than Amacher, the commission includes Joseph W. Smith, Klamath Falls; Rollin E. Bowles, Portland; Tallant Greenough, Coquille; and Wayne Phillips, Baker.



THE LONG TRAIL—A. B. Epperson has made it possible for sightless Sandra Ruconich of Klamath Falls to follow through today's newest astronaut, L. Gordon Cooper, as he orbits the earth. Epperson has marked the tracking stations in braille, pasted to the revolving globe he has perfected, the equator in heavy cord, and the paths of the 22 orbits in lighter cord. Crossing of the equator may be at a 32 or 35 degree angle. If 32 degrees, in the 22 orbits, he will cross the equator 44 times and go to a point 32 degrees North and 32 degrees South. By computation, Epperson shows on the Orrery, Cooper will cross Communist China several times but will not pass over Russia or any portion of the U.S. except perhaps Arizona and Texas.

Race Tensions Flare Anew

By United Press International
Racial tensions eased in Birmingham, Ala., and Nashville, Tenn., Tuesday but flared again in North Carolina's capital city of Raleigh.

More than 800 Negroes staged a "freedom march" through downtown Raleigh Tuesday night to back up desegregation demands. Police arrested 34 demonstrators.

There were no incidents during the march but there were some tense moments when the demonstrators passed street corners crowded with white youths. Police charged 15 of the arrested group with assault against Leslie Ferguson, assistant manager of a cafeteria, who was "put in a state of fear" during a sit-in attempt.

A bi-racial committee held a two-hour meeting in Raleigh Tuesday and bank official Victor Bell Jr. said "I think we made good progress in understanding each other and the problem."

The United Nations General Assembly today turned to its budget committee to seek ways to make up a \$100 million deficit and avoid threatened bankruptcy.

In the second day of a special session convened to discuss the financial burdens of U.N. peace-keeping missions, in the Congo and Middle East, the 111-nation administrative and budgetary committee scheduled at 3 p.m. EDT meeting.

Alabama Gov. George Wallace sent another telegram to President Kennedy demanding either the removal of the troops or publication of "the true facts of your military operation."

Wallace said the presence of the troops was an "open invitation to a resumption of street rioting by lawless Negro mobs, on the assumption they will be protected by federal military forces."

Cooper's Lift-Off Called 'Beautiful'

TAYLOR LAKE VILLAGE, Tex. (UPI)—"Beautiful," Mrs. L. Gordon Cooper said today of her husband's flawless flight into space.

Mrs. Cooper sent the one-word description of her reaction out by Dave Schwartz, a public affairs officer for the National Aeronautics and Space Administration, almost an hour after her husband's journey started.

She said she would have no more to say for the time being. But Schwartz reported that Mrs. Cooper had a big smile on her face.

Mrs. Cooper and her daughters, Camala, 14, and Janita, 13, went into a bedroom by themselves to watch the lift-off on a television set. Schwartz was in the living room. The family wanted to be alone at a moment when they might have watched Cooper die.

Instead, Cooper's wife and daughters saw him safely soar into space. Schwartz said Mrs. Cooper and the girls stayed in the bedroom about 15 minutes. Then Mrs. Cooper came out, smiling broadly.

Cooper telephoned about 30 minutes before the launch. About 20 minutes before, Dr. Charles A. Berry, chief of NASA's medical operations, telephoned Mrs. Berry went into the Cooper home about an hour after the lift-off.

Schwartz said that Mrs. Cooper has asked him not to tell about 30 waiting reporters and television men anything not authorized by her.

Cooper's mother, Mrs. Hattie Cooper, dropped a green alphan she was knitting at Tumacac, Okla., as she watched her son's ascent on television. Tears came into her eyes and she went into the kitchen to compose herself.

"I know Gordon was happy," his mother said. "No lift-off ever looked so good. I dreamed this takeoff."

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Soviets Slate Rocket Tests

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