



Rocket Rider John H. Glenn Sweats Out the Big Push

U.S., Glenn Wait; Countdown Looms

By BEM PRICE Of the Associated Press

CAPE CANAVERAL, Fla. (AP)—The United States will try to rocket astronaut John H. Glenn Jr. on an earth-girdling, 81,000-mile journey through the lifeless blue-black of space next week, perhaps Wednesday.

Basically, the purpose of the bullet-like flight atop a 360,000-pound thrust Atlas missile is this: To add to mankind's meager fund of space knowledge in order to determine whether earthlings ultimately can travel safely to the moon and beyond.

To find out what happens to a man in space, Glenn on his flight will do certain exercises, eat and spin himself about to see what happens to his sense of balance.

Everything that man can do to insure the success of the flight and Glenn's safety has been done.

Even now an armada of 15,000 men aboard 24 ships, including three aircraft carriers, is being deployed around the world to keep track of the red-haired, quick-smiling Glenn on his flight, and to rescue him when necessary.

In making the trip the balding, 40-year-old Marine lieutenant colonel will follow a flight path that is planned to take him three times around the world at altitudes varying from 100 to 150 miles.

Glenn will pass at 17,500 miles an hour through a fantastic realm in which an unprotected man facing the sun could bake as in a slow oven at 248 degrees Fahrenheit, while the flesh on his backside froze and became as brittle and breakable as glass at minus 157 degrees.

Glenn's great speed will keep him in orbit over the 4 1/2 hours of the projected flight. The principle is that of centrifugal force, balancing the tug of gravity, the same principle kids use to keep a rock swinging at the end of a string.

From Sun to Space

If all goes as planned, Glenn will pass from the sunshine of Launch Pad 14 to the blue-black of space in about 2 1/2 minutes. At lift-off he will experience a force seven and a half times that of gravity and thus weigh for a moment seven and a half times as much as his normal 165 pounds.

Glenn will be able to see the earth through a small window and with a periscope. Where the earth's white cloud-cover parts, the ground will appear as patches of brown and green surrounded by blue water.

Out where Glenn will be, the vacuum will be so close to absolute that even if a bomb exploded 10 feet away, he would not be able to hear it. Sound does not travel in a void.

The stars will appear as distant, round orbs minus the twinkle caused by the diffusion of light through the dusty atmosphere.

As matters now stand, Glenn will be launched on his historic journey sometime between 7:30 a.m. and 12:30 p.m., Wednesday.

The National Aeronautics and Space Administration cautioned, however, that the trip might be postponed on a day-to-day basis by weather or the merest hint of malfunctions.

The flight is timed to give the recovery forces at sea three hours of daylight if needed in which to search for Glenn and his space capsule after his return to earth. If all goes as planned, Glenn will land about 800 miles southeast of here in the waters off Grand Turk Island in the Bahamas.

Glenn is due to climb into his bell-shaped space craft atop the Atlas missile sometime just before dawn. NASA officials said Glenn named his ship the "Friendship 7."

This space capsule stands nine and a half feet high and measures six feet across the base. At lift-off it weighs 4,200 pounds, 3,000

pounds while in orbit and 2,400 pounds upon return to earth.

As it travels along, the spaceship will automatically jettison certain equipment that is no longer needed.

The whole assembly—missile, spacecraft and escape tower—stands 93-feet tall on the launch pad and weighs 125 tons fully fueled with liquid oxygen and kerosene.

The escape tower itself is 16 feet high. In event of a malfunction on the flight at any time after blastoff and going into earth orbit over Bermuda, an automatic sensing device fires a rocket in the tower.

Immediately, the spaceship with its passenger is pulled up and away from the big booster and then a parachute lets the capsule return gently to earth.

As the space capsule gets safely under way, the escape tower is cast off.

As he circles the earth, Glenn's progress will be monitored by 18 tracking stations stretching across the Atlantic, Africa, the Indian Ocean, Australia, the Pacific and the United States, Canada and Mexico. Some 500 technicians man these stations.

Aboard the capsule, Glenn will have 3,000 calories of food-beef and mixed vegetables similar to the stuff babies eat—in toothpaste tubes. He'll also have six pounds of water. In addition, he will have some quick-energy sugar tablets.

Air pressure inside the cabin will be maintained at six pounds per square inch—at sea level it is 15 pounds—so that Glenn should have no trouble breathing.

Glenn will travel strapped to a contoured couch made of a special crushable honeycomb material bonded to a fiberglass shell lined with rubber padding.

Attached to his body will be medical sensors to register pulse, respiration, body temperature and heart action.

Throughout the flight Glenn will be able to communicate with the tracking stations by radio.

Everything needed to support life in the capsule has been doubled up and all circuits needed to operate the systems are duplicated just in case.

Lights, Fuses

Glenn will be almost surrounded by instruments—over 100 lights, fuses, controls, switches and displays which tell him what is going on and where he is.

A 16-mm camera will take continuous pictures of the control consoles and another will register Glenn's reactions.

Through his periscope he will have a 360-degree view of the horizon and he can adjust the view through the lens to inspect an area of earth as small as 80 miles in diameter or as large as 1,900 miles in diameter.

The flight can be terminated by Glenn or from the ground at any time. If he makes only one orbit, he will land 500 miles east of Bermuda. After two orbits he will come down 500 miles south of Bermuda.

If Glenn makes the planned three orbits of the earth, he will begin his re-entry into the atmosphere preparatory to landing as he nears the western coast of the United States.

By firing braking rockets, the speed of the space craft will be reduced and the force of gravity will pull him earthward.

In a little over five minutes his speed will drop from 17,500 miles an hour to 270 and by the time he reaches an altitude of 25 miles the heat shield on the blunt end of the capsule will have reached a temperature of 3,000 degrees.

At 21,000 feet a small parachute will open, slowing descent still more. At 10,000 feet a 63-foot diameter main landing chute will spread and lower the capsule into the ocean.

For the United States the flight of Glenn will be the high point in a man-in-space effort, which so far has cost \$400 million.

Demos Cheer Kennedy

President Says Efforts for Progress Can Light World

WASHINGTON (AP)—President Kennedy told cheering Democrats Saturday night that the fire from American efforts to bring progress "can light the world."

Speaking at a star-studded, \$100-a-plate dinner by which the party expected to raise \$550,000, the President told more than 6,000 fellow Democrats: "I do not believe that there is room in the United States for two parties that believe in laying at anchor. In 1962 the Democratic party should run in a progressive world. The fire from our efforts can light the world."

Kennedy spoke after a long evening of glittering entertainment and addresses by Vice President Lyndon B. Johnson and former President Harry S. Truman to a raucous, milling crowd of Democrats who overflowed the District of Columbia National Guard Armory.

Primarily Political

The occasion was the first anniversary of his inauguration as the youngest elected president of the United States. Kennedy was reminiscent, but primarily political in his talk.

The President, dressed in a dark blue dinner jacket with a blue cornflower in his lapel, told the applauding Democrats that he hopes to reverse the history of off-year elections when the party in power ordinarily loses seats in Congress.

"History is not with us," he told the array of diners. "In 1934 we reversed the trend but not in other years. I believe, however, that the Democratic party is best fitted to lead this country."

Kennedy said his administration is treading in the same steps that Franklin D. Roosevelt and Harry S. Truman patterned before him. He said that because of this "any member of the House and Senate and state legislature can stand with pride on the Democratic record."

Party Loses Seats

In saying, "History is not with us," Kennedy referred to the fact that the party which comes out on top in a presidential year normally loses congressional seats two years later.

The President said that he thinks the "greatest hazard" that faces the country would be for both parties to try to preserve the status quo.

Former President Truman declared he was happy to take part in an affair honoring a President "who knows where he is going."

Truman, in a departure from his custom as a speaker, laid off the Republican opposition and followed the text of a speech in which he lauded Kennedy as a "wise, brilliant, vigorous President" and called on the nation to support Kennedy's request for authority to bargain for tariff cuts with the European Common Market.

The 77-year-old former president also took the opportunity to rouse his party for the coming congressional campaign—a sideline purpose for this and other Democratic fund-raising rallies on the party schedule.

"We are going to send a Democratic Congress back," Truman said.

Boy, 5, 'Fair'; Was Shot Accidentally

NEWPORT (AP)—A 5-year-old South Beach boy was in fair condition at a Corvallis hospital Saturday night after being accidentally shot by an 11-year-old neighbor boy.

Richard Mansfield, son of Mr. and Mrs. Charles Mansfield, was shot through the back and chest Friday at 4:15 p.m. while he, his brother John, 11, and a neighbor boy, Charles Fogarty, were playing with a .22 caliber rifle in the Mansfield home, according to officials at the Lincoln County Sheriff's Office. The Fogarty boy was holding the gun when it discharged, striking Richard in the back, the sheriff's office officials said.

Richard was taken to Pacific Communities Hospital in Newport, given several blood transfusions, and later Friday transferred to the Good Samaritan Hospital in Corvallis.

The sheriff's office is still investigating the shooting.

Anti-Castro Moves Demanded Pullout Threatened

PUNTA DEL ESTE, Uruguay (AP)—Central American delegates to the Punta del Este conference Saturday night made an implied threat to pull out of the Organization of American States unless strong measures are taken against Cuba Prime Minister Fidel Castro's regime.

The conference opens Monday, with the governments of the Western Hemisphere deeply divided on what action to take to prevent the spread of communism from Cuba.

Strict Measures Taken

The Cuban delegation landed Saturday night at Montevideo's airport and was greeted by a crowd of about 2,000, mostly teen-agers, shouting "Cuba si, Yankee no." The head of the delegation, President Osvaldo Dorticos, was given a 21-gun salute as a visiting head of state. After Dorticos reviewed an honor guard of Uruguayan

troops, the delegation left by car for Punta del Este.

Police took strict security measures and set up checkpoints on roads leading to this luxurious resort.

They were protecting the Castro delegation—and also preparing to intercept 300 pro-Castro workers and students making a slow march along the 80-mile route from Montevideo to the conference scene for the purpose of staging an anti-Yankee demonstration.

The U. S. delegation, headed by Secretary of State Dean Rusk, was expected to arrive Sunday and go into huddles throughout the evening in attempts to iron out difficulties in advance of the formal opening.

Members of "Los Cuatro Grandes"—the Big Four—Mexico, Argentina, Brazil and Chile, have shown varying degrees of reluctance toward taking definite action against Castro.

white paper on Jan. 3 warned that Cuba has become a bridgehead of Chinese-Soviet imperialism in the Western Hemisphere and that Castro's purpose is to spread communism through the Americas by revolution, subversion and propaganda.

Central American nations are particularly vulnerable to Castro infiltration because of their proximity to Cuba and their own tricky internal situations. They are reported planning to push to the hilt the Inter-American Peace Committee report of two days ago condemning Castro for violations of human rights. Adoption of this report, these diplomats feel, would practically force the foreign ministers to apply sanctions against Castro.

Mexico, Brazil, and to a lesser extent Argentina have been opposing far-reaching action. Officially, these countries take the view that sanctions would be an interference in the affairs of another American

country, a violation of the cherished hemisphere principle of nonintervention.

But some observers feel their real reason is the fear that sanctions would evoke widespread disorders by leftist and pro-Castro elements.

Joint Armed Action

A few of the smaller countries were reported favoring a drastic course of direct joint armed action to overthrow Castro.

Although he will not even be here, the bearded Castro will cast a shadow of urgency and danger over the conference.

The Cuban prime minister left himself wide open to some sort of inter-American action in his five-hour speech on Dec. 2 when he declared himself for the first time "a Marxist-Leninist until the day I die."

Under the Rio de Janeiro Treaty the Organization of American States can intervene in one of its member countries against a Communist threat.

Rusk Calls Castro Soviet Accomplice

WASHINGTON (AP)—Leaving for South America, Secretary of State Dean Rusk said Saturday night Fidel Castro's Cuba is an accomplice of the Soviet Union and Red China in a Communist plot to overthrow democratic governments in the Western Hemisphere.

Rusk expressed confidence an inter-American foreign ministers' conference opening in Uruguay Monday will find ways to deal with the menace "to our free societies and the collective security of the hemisphere."

The meeting at Punta del Este presents Rusk with one of the biggest challenges of his year-old career as secretary of state. While other American nations generally agree Cuban communism presents a grave danger to Western Hemisphere security, they disagree on what to do about it.

Rusk will press for a decision to impose political and economic sanctions but is by no means certain of success.

Prior to his departure, Rusk conferred with President Kennedy on U.S. aims for the meeting. Kennedy also discussed the situation with Sen. J. W. Fulbright, D-Ark., chairman of the Senate Foreign Relations Committee, and Sen. Bourke B. Hickenlooper, R-Iowa.

Hickenlooper is one of four members of the congressional group which will attend the conference to advise Rusk. There is strong sentiment in the Senate and House for drastic measures to deal with Cuban communism.

Other members of Congress in the advisory group are Sen. Wayne Morse, D-Ore., and Reps. Armistead J. Selden Jr., D-Ala., and Chester E. Merrow, R-N.H.

Traveling by jet liner, Rusk is scheduled to arrive at Montevideo, Uruguay, at 9 a.m. local time Sunday after a refueling stop at Paramaribo, Surinam, on the north coast of South America.

Sub-Freezing Cold To Stick Around

The first snowfall of the year is definitely over but the sub-freezing weather will be around until at least Monday according to the weatherman.

Most of the residents of the Emerald Empire were shoveling the two or more inches of snow away from the sidewalks Saturday in temperatures that hovered in the mid-twenties. Eugene's high was 25.

The Mahlon Sweet meteorologist has forecast more cold with today's high to reach 30 and a drop tonight to 14. This cold will be enhanced by a north wind which will keep the temperatures down.

One rumor which persisted in Eugene Saturday in regard to the weather proved unfounded. The story got around that a University of Oregon student had been killed while "bumper riding" (grabbing the rear bumper

Cold Grips Entire State

BY ASSOCIATED PRESS

Bitter cold gripped Oregon Saturday night, in the wake of a violent snowstorm that left much of the state crippled and some roads blocked by snow.

Only the coast and the Portland area were spared the snow but the mercury did not get above 29 Saturday in Portland.

The normally temperate coast reported the same freezing readings. Newport had a low of 15 degrees Friday night. Other Saturday lows were Burns, 2 below; Redmond, 0, and Astoria, 20.

The storm dumped a whopping eighteen inches on Klamath Falls.

Most major highway routes were open, although chains were required in many mountainous areas. Highway 30 was closed by wind-driven snow in the Huntington area for a time Friday night, but was reopened Saturday.

Birth Imminent

PORTLAND (AP)—Elephants in captivity in this country rarely have baby elephants. Belle, a 10-year-old elephant at the Portland Zoo, appeared ready Saturday night to have one.

Two Merging RRs Face TWU Strike

NEW YORK (AP)—A strike against the merging Pennsylvania and New York Central railroads was set Saturday for Feb. 4 by the Transport Workers Union unless job security is guaranteed.

Officials of both lines reacted immediately to the strike threat, declaring it a violation of the National Railway Labor Act and pledging legal action to prevent a walkout.

The TWU's railroad employees are nonoperating personnel. They do maintenance and similar work. Train crews have their own unions.

Michael J. Quill, TWU president, had announced Monday his union would strike unless its members' jobs were protected under present contracts.

The date was set at a meeting of 91 members of the union's executive committee and president of 77 TWU locals involved.

The railroads operate as far west as Chicago and St. Louis. They announced Jan. 12 they had agreed to merge.

Quill told newsmen a walk-out would affect both long distance and commuter travel. He said the two railroads employ 32,000 TWU members and that the jobs of about 9,000 could be lost in the merger unless the job guarantee is granted.

"The whole reason for the merger is to lay off men," Quill said.

However, the vice general chairman of the Firemen's and Oilers' Union, AFL-CIO, denied that a strike is imminent. The official, George Francisco of Ossining, said there has been no discussion of a strike by any of the unions which represent New York Central's employees.

Titan Fired; 2nd Readied

VANDEMBERG AIR FORCE BASE, Calif. (AP)—The Air Force fired a Titan intercontinental missile Saturday and then—in the first practice for firing Titans in salvo—began readying another.

Two of the three armored, underground silos in the Titan complex here were used in the test.

From one of the deep pits a giant Titan rose into the sky at 4:57 p.m. Pacific Standard Time, heading for a target area near Wake Island, 4,000 miles west.

Plans called for a second Titan to be elevated from its hole an hour later, but it will not be launched.

The test was a run-through for Strategic Air Command crews on how to fire a salvo of the huge missile.

The Air Force says that a Titan battery should be able to launch all three missiles before an enemy missile could complete its 30-minute flight.

Ludwig Kaufman Dead at 85

The senior partner and founder of Kaufman Brothers Fashion Center, Ludwig Kaufman, 85, died late Saturday afternoon at his home at 996 Jefferson St. in Eugene.

He was the third leading businessman in Eugene to die since the first of the year. William N. Russell, managing director of Bon Marche Russells, died Jan. 5, and Esy Rubenstein, the founder of the Rubenstein Furniture Co., died Thursday.

Kaufman was born Dec. 26, 1876, in Muenstereifel, Germany, and lived in the larger city of Mainz where he was associated with Kaufman Bros. clothing store for 33 years.

Honored in 1957

In 1936, he and his wife, Trude, whom he married in 1921, came to Eugene to escape Hitler's discrimination program. In 1957 Kaufman was presented a model of the Jupiter Column which had been erected in Mainz by the Romans.

The Lord Mayor of Mainz announced at the time that the



LUDWIG KAUFMAN Businessman Dies Saturday

replica award was presented "as a lasting memento of your activities in Mainz and to bear

witness that we feel bound to you by everlasting ties as a representative of one of Mainz's most prominent mercantile families."

The present Kaufman Bros. operations has branch stores in the Eugene Hotel and in Springfield as well as the main store on Willamette Street. Kaufman started the business in the middle of 1937.

Kaufman is survived by his wife, Trude, a sister, Johanna Kaufman of Omaha, Neb., and a brother, David, of Grand Island, Neb., and numerous nieces and nephews.

Funeral To Be Tuesday

Funeral services will be held Tuesday at 11:30 a.m. in the Poole-Larsen Chapel with private cremation to follow. Rabbi Sidney Akseirad of Berkeley, Calif., will officiate.

The family has requested that in lieu of flowers, donations in memory may be made to the Pearl Buck school or the Jewish Hospital for Children in Denver in care of Poole-Larsen.

INSIDE TODAY

Table listing contents: Editorials 8A, Women's News Sec. D, Births 1C, Building Page 5B, Theaters 7B, TV Previews 6B, Sports 1-3R, Classified 3-6C