

Astronaut Tired, Confused On Trap

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ed toward solutions of some of the problems of man in space.

It opened up, too, new vistas of voyage by satellite.

It may even have advanced the United States manned space program beyond the phase of three-or seven-or seven-orbit flights, and on to the field of 18-orbit, all-day missions.

The launching of Carpenter's Aurora 7 spacecraft at 7:45 a.m. Eastern Standard Time Thursday was a perfect one. The orbit into which the Atlas vehicle inserted the capsule was near the ideal.

And the orbital flight itself, as ticked off in Carpenter's flat, terse reports, seemed almost routine in spite of nagging little problems that kept cropping up.

The really alarming part came after the Navy lieutenant commander fired the retro-rockets that would retard his speed sufficiently to make the capsule drop out of orbit and descend through the atmosphere.

Normally the heat of reentry, the ionization of the air in front of the spacecraft, cuts off radio communication for a minute or two. Glenn experienced a communications blackout at this stage of his historic flight of last Feb. 20.

Crafts' Struck Dumb

But Carpenter's craft, struck dumb at the 12:30 p.m. reentry, never regained its voice. For did Aurora 7 become visible to the ships in the planned recovery area 800 miles southeast of here. The craft might have been burned to a cinder. It simply disappeared.

Aurora 7, tilted at a wrong angle at the time the braking rockets were fired, simply went into a longer, shallower descent than would have been the case had it dug in more steeply into the atmosphere. It plopped into the ocean off Anegada Island, north of the Virgin Islands and about 1,000 miles southeast of Florida.

Carpenter methodically eased himself out of the floating spacecraft and into a rubber dingy. Then, while the world wondered what had happened to him, he sat and waited for help.

It was not long in coming, ready—though to millions of keyed-up observers it seemed an eternity. A homing beacon, part of the Mercury spacecraft rescue equipment, caught the attention of a Navy Neptune search plane 41 minutes after the capsule had gone silent on re-entry.

At 1:20 p.m. the Navy craft sighted the capsule and was able to send out the glad news that the astronaut was aboard his raft, waving his arms vigorously and therefore apparently in good health.

A helicopter took Carpenter to the carrier Intrepid, from which an airplane delivered him to Grand Turk Island. The destroyer Pierce picked up Aurora 7 and took it to Roosevelt Roads, Puerto Rico, for airlift later to Cape Canaveral.

Spacemen Clinch

At Grand Turk—the same island to which Glenn was taken after his Mercury flight—Carpenter was

met with an embrace by Glenn and a warm handshake by another fellow astronaut, Navy Cmdr. Walter M. Schirra.

Glenn pressed his cheek against Carpenter's, then turned and brushed tears from his eyes.

At the hospital to which Carpenter was taken, he was quoted as exclaiming, "Boy, the sunrises and sunsets. They are more beautiful than anything I've seen on this earth."

It was a more eloquent comment than anything he reported during his flight.

Asked whether he had any anxious moments, Carpenter said he had "a few moments of anxiety near the retro fire, over whether I was going to have enough fuel." One of the concerns on the flight was the possibility of depletion of fuel for the rockets that control the attitude of the spacecraft.

Glenn, during the wait at Grand Turk for Carpenter's arrival, confided that "I don't think there was anyone on Cape Canaveral who didn't have some doubts some time during the day. I know I did."

Carpenter was sure to get a big welcome here, both from the space-minded Florida communities and from the wife and four children who watched his thundering lift-off Thursday.

President Kennedy telephoned congratulations to Carpenter. His home town of Boulder, Colo., said it expected him there Monday night for a welcoming ceremony on Tuesday.

Novelty Gone?

But the big-city ticker parade that greeted Glenn, Navy Cmdr. Alan B. Shepard Jr., and Air Force Capt. Virgil T. Grissom are probably not in the cards for Carpenter. Space travelers are no longer prime novelties.

Although astronaut families invariably watch astronaut launchings on television, Carpenter was the first to have his wife and children on hand to watch the rearing from the beach.

Carpenter's parents, who are divorced, depended upon television at their homes in Colorado. Florence Carpenter, the mother, at Boulder said she would be perfectly agreeable to have Scott make another orbital flight—"but not right away."

The father, Marion Scott Carpenter of Palmer Lake, called the occasion "the tensest five hours I've ever spent."

And Scott's wife, Rene, said she had only one twinge of fear—the period when her husband was down in the ocean and out of touch.

Officials of the National Aeronautics and Space Administration awaited detailed study of the results of Carpenter's flight before making up their minds as to the need for any more three-orbit missions.

Dr. Robert R. Gilruth, director of Project Mercury, said five-orbit and seven-orbit flights are under consideration, but added that these might be skipped in favor of 18-orbit flights that would provide an entire day of space data.

was a too-shallow reentry angle, a too-long glide.

The Aurora 7 flight added up to a great success because:

1. It went the assigned three orbits.
2. It tested the release and towing of a balloon in orbit. The balloon twisted and whipped about in space much like a towed balloon does in the atmosphere, except that the movements were random—and the tow line often sagged and looped as though it had nothing dragging behind it.
3. Carpenter observed the luminous particles seen by Glenn and by Soviet cosmonaut Gherman Titov. To Carpenter the objects appeared to be snowflakes—and not too many of them.
4. Carpenter found he could eat solid foods and drink copious amounts of water while weightless.
5. The action of water in a glass container was observed.
6. Distinct cloud layers were noted.
7. The astronaut demonstrated capability at controlling a spacecraft.

Garbage

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vide for a \$192,000 annual fee for the two years the present contract still has to run. This original contract called for a fee of \$137,500 a year but later was amended to provide for additional annual payments. For the first two years these amounted to about \$55,000.

Under terms of the amendment, the city may pull out of the present contract at any time after 275,000 tons of garbage have been dumped. Officials say this figure has now been reached. But Ross says the landfill company can't pull out.

The new proposal, therefore, imposes a flat \$192,000 fee for the remaining two years of the present contract as well as the five years under the new contract.

Notice Spelled Out

The city still would have the right to pull out of the contract at any time up to June 1, 1964 without notice. But after that date it would have to give two years' notice to the company.

Herbert F. Moore, attorney for the company, said his firm is willing to "gamble" that the city won't back out of the contract in the next two years because it would be left without a place to get rid of its garbage. City officials agree that it would take two years to build an incinerator and get it into operation, although Trenton might decide during this period to burn garbage in the proposed new Ewing Township incinerator.

Moore was asked what would happen if, toward the end of this year, the new government decided to build an incinerator which could not go into operation until late 1964. He replied that the city could cease dumping its garbage before June 1, 1964 but that it could not give its two-year notice before then. Once that date has been reached, he said, the city would be committed to landfill for at least two more years.

Moore said the decision to sign the contract doesn't mean the city has to decide now between landfill and incineration and that the new government "will have complete freedom of choice."

Needs New Equipment

His firm is anxious to sign now, he said, because it must soon acquire another dumping dump and new equipment.

The commissioners' decision made in the absence of Parks Director George W. Rieker, came after Moore and Ross had conferred with Judge Knight. Ross reported later that his legal objection to the landfill contract "is no longer present." Ross had feared that a contract couldn't be signed while Finkle's original complaint is still pending.

Candidates who made speeches against the terminal deal yesterday were Mrs. Barbara Potkay from the South Ward, Finkle and Frank V. Walsh from the West Ward and Donald G. Bennett, at large candidate.

"Grasping At Straws"

Mrs. Potkay contended that all of the commission's "legislative powers should cease because of the impending change and said, "It is apparent that the lame-duck commission is grasping at straws." Commissioner Richard L. Gray and Donald J. Conolly argued with her briefly, pointing out the terminal problem has been under consideration for years.

Finkle said the terminal should be run by the city itself and the Walsh said public opinion is on the Pennington-Lawrenceville Road. Payne is attached to the State Department of Education.

Mrs. Arthur Van Hise took refuge against a cellar wall when the winds hit her home on the two 10-year extender options.



The happy Carpenter family after Mrs. Carpenter's press conference. Left to right: Kristen Elaine, 6; Candace Noxon, 5; Robyn Jay, 10 and Mark Scott (left rear), 12.



A huge tree, blown over by the wind, smashed chimney through the roof of the Chapin School on Princeton Pike. The school was severely damaged by the storm.

Storm Cuts Wide Path Of Destruction

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Road. Window panes of the house next door were blown out.

The new Bear Tavern Elementary School, unoccupied and still under construction, lost most of its window panes to the rushing wind.

A four-car garage of Township Clerk Earl Burroughs on the Scotch Road near the Township Hall collapsed at the height of the storm.

The two cars of Burroughs and his wife were out of the building at the time and escaped damage. No other property of value was lost.

The top story of the frame house of Charles Payne on the Pennington-Lawrenceville Road a mile east of the Route 69 circle was blown off. Debris was scattered across two fields. No one was in the home at the time.

Hit By Lightning

In Hopewell Borough, the home of Mr. and Mrs. Edwin W. Savidge on West Prospect Street was struck by lightning. A back peak of the roof was tore off and fire started in the attic.

The blaze was put out by the Hopewell Fire Department. The entire roof will have to be rebuilt. The firemen spread a tarpaulin over the damaged section and the Savidges, absent at the time of the storm, will continue to occupy the house.

Township residents recalled no storm of such severity. The path of the twister was rather narrow, apparently coming up the Delaware River and suddenly making a left turn into the park. It cut a three-to-four-mile swath across Mercer County.

Some people said the winds "roared;" others said it sounded like "car tires swishing on a wet pavement."

Power Saws Needed

A "good neighbor" plea from Hopewell Township police Chief Joiner-Hopewell Township needs power saws. Anyone willing to donate one or more should get in touch with him.

A spokesman for the Bell Telephone Company of New Jersey said that 35 telephones in the Pennington-Hopewell-Washington Crossing-Titusville area were reported out of order, due to trees and limbs falling over wires. Emergency crews worked last night and are working today, and the company hopes to have service back by tonight. No phone damage in other areas was reported.

Hopewell to Princeton

The tornado apparently moved from Hopewell to Princeton,

where, following the general pattern, it smashed some areas and didn't bother others.

The wind took off the Chapin School on the Princeton Pike and blew down a dozen trees on the school grounds. The electric clocks went off at 3:50 p.m. According to F. J. Worthington, president of Chapin's Board of Trustees, pieces of the slate roof were found 300 yards away.

When the storm struck, the children had all gone home. Worthington said the damage was extensive.

He lives on Winant Road in Princeton, about a mile away from the school, and he said that at his home there was no damage at all, and very little wind.

Unlike Trenton, Princeton school officials kept Princeton High School in session an extra hour and ten minutes. Usual let-up time is 3:30, but classes were detained until 4:40. Elementary school pupils were dismissed at the usual 3 o'clock hour.

Zero hour for damage to the Public Service Gas and Company seemed to be 3:46 p.m.

At exactly 3:46 three transmission lines between the Baldwin

Corner substation on Lawrenceville Road in Lawrenceville and the Western Electric Plant in the Rosedale section of Princeton had the roof of a barn blown on them on the Lawrenceville-Pennington Road in Lawrence Township.

Power was off in 1,200 homes in Hopewell and 2,100 homes in Pennington Township and Borough until 5:10 p.m.

And another wire break, caused by a falling tree limb, knocked out power to 200 to 300 homes in the Rosedale Section of Princeton. This also happened at 3:46, but repairs were made by 4:54.

Hail Like Golf Balls

In Doylestown estimated \$25,000 damage was done to two greenhouses after hail stones about the size of golf balls pelted the area yesterday afternoon at 3 o'clock.

Hillborn Darlington, father of former Morrisville solicitor E. Dilwyn Darlington reported more than \$20,000 damage at his greenhouse.

The other greenhouse, Andre Greenhouses Inc., about a mile West of the Darlington greenhouse, about 5,000 glass panes were shattered.

"I wasn't really worried. It is a senseless waste of energy to worry about things I cannot control. I can't afford to do that. My hope is always up."

For the parents and relatives of other future astronauts, Mrs. Carpenter counseled: "You have to condition yourself for it. If they want to do it, by all means let them."

Said Carpenter's father: "Now that it's over I can say I hope he's (Scott) chosen to be a member of the first three-man team to orbit the earth."

Bingo Ouster Issue

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his job without explanation — it could be looked at as either deserting a sinking ship or maybe he thought himself he was not doing a good job. I thought the bill was an unfair criticism of him, but since he quit without reason, I had no feeling I should attempt to defend him," said Farrington.

"I didn't consult at all with Kenny," Farrington stated. "I did consult with a few senators to find out why they thought it was a good bill. No one whose efforts could have been effective put any pressure on me. Several members of the Assembly did say that Senator Riddolf voted for it, why didn't I? I talked to Riddolf and found his reasons persuasive."

Edward J. Sweeney, the third Mercer Assemblyman, said his "constituents" convinced him that they favored a one-man rule. He said he also discussed it with Riddolf, Panaro and Farrington.

"I never talked to Kenny," he said. "There was no pressure put on me by anyone."

The fact one-man alcoholic beverage control has worked well in New Jersey does not necessarily mean it would be as effective in regulating bingo and raffles, said the Governor. The two areas have different types of licensees, he pointed out, citing bingo and raffles are conducted by charitable groups.

New Jersey has been free, he further noted, of the racketeering and scandal uncovered in the breakdown of bingo administration in New York.

Hughes plans to confer with the remaining commission members.

Merritt Lane Jr. of Monmouth Heights, who was the commission chairman, has resigned and Arthur Weller, who was the executive officer during the period when criticism developed, died recently.

The members still serving are Leo I. McGough, West; New York, Miss Margaret M. Brophy, Fairlawn; Mrs. Hortense Fuld, Fairlawn; Orange, and George T. Moore, Edison. Norman D. Valentine of East Orange is now the executive officer.

The bill was introduced by Senate Republican leader Charles W. Sandman and cleared the upper house in February.

Hughes said he hopes to dispose of the bill before the Senate returns on June 4, the last session scheduled before a recess until Fall. The House is already in recess until November 13.

More than 200 bills await the Governor's consideration in the wake of the nearly concluded legislative session.

Without being specific, he said some vetoes could be expected in such a volume of enactments.

He indicated he would approve a bill to exempt charitable bequests from the state inheritance tax. The estimated loss of state revenue is \$2.5 million a year.

He is ready, he said, to sign a pair of bills that would give an older group of teachers and public employees both pensions and social security payments. An amendment by the House under which counties and municipalities would share in the cost as to their employes await Senate concurrence. The estimated total cost of the program runs as high as \$8 million a year for 30 years.

Moon Flight Next? Wait Asks Mother

BOULDER, Colo. (AP) — Her only child had just been plucked from the sea 3,000 miles away when someone asked the frail, friendly woman if she thought he might be the first man on the moon.

"I'd like to have him wait a few days until I catch my breath," replied Florence Carpenter.

And so it was in the happy hours yesterday as the mother of astronaut Malcolm Scott Carpenter and residents of his home town rejoiced over his safe recovery after three orbits around the earth.

The tenseness that gripped Americans everywhere during the adventure and the anxious moments to locate him in the Atlantic impact area was magnified in this city where Carpenter was born, reared and educated.

Nowhere was it concentrated more than in the neat trailer home where Mrs. Carpenter, a hospital clerical worker, lives alone. With her during the day were two friends and Will Fowler, a former classmate of Carpenter at the University of Colorado.

At Palmer Lake, 75 miles south of Boulder, the astronaut's father, Dr. Marion Scott Carpenter, viewed the space flight on television with his second wife, Elyth. The Carpenters were divorced in 1945.

"I'm a very proud man and I'm indeed glad it's all over," said Dr. Carpenter, a retired chemist.

When the report of Carpenter's recovery was confirmed, Mrs. Carpenter shouted "hooray!"

The parents were asked later if, in view of difficulties that plagued their son's flight, they would want him to venture into space again.

Mrs. Carpenter gave her approval — after a few days' wait to catch her breath.

In a more serious vein, she told a news conference at the University of Colorado:

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With four young children, Marge has little enough time to get to the bank each month. No more time-consuming trips to the bank for us, those deposits in her savings account as regularly as she'd like. Then her husband Carl told her the news about First Trenton National Bank's convenient new Sav-O-matic savings plan and they knew they'd found the answer to their saving problem.
"You can't imagine how much I appreciate getting our saving done so easily and automatically," Marge says. "When we save Sav-O-matically, First Trenton National will transfer as little as five dollars or as much as we choose from our checking account to our savings account on a certain date each month. No more time-consuming trips to the bank for us, it's so simple!"
"And don't forget that our fast-growing Sav-O-matic account will grow even faster with First Trenton National's liberal daily interest rate. Carl adds, "It's convenient and profitable to save Sav-O-matically!"
"We couldn't think of a bank service with more advantages for a growing family like ours," they concluded. "That's why we opened our First Trenton National Sav-O-matic savings account!"
Hopewell to Princeton
The tornado apparently moved from Hopewell to Princeton,

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