



'Lab' At Cape Canaveral World's Most Expensive

CAPR CANAVERAL, Fla. (UPI)—When America's first human rocket passenger blasts off in about a year, the international spotlight will focus on what missile men here call "the world's most expensive laboratory."

This is the 485-million-dollar Atlantic Missile Range, which begins with this once-barren sandspit on the mid-Florida East Coast and extends 5,000 miles southeast to the British crown colony of Ascension Island.

The rocket passenger, one of the seven astronauts named recently, will be hurled about 200 miles over the ocean in a prelude to Project Mercury, the nation's plan to put a man into orbit around the earth.

But although he will be highly trained for his momentous trip, the rocket voyager will play a relatively inactive part. After the blastoff, the experiment will be entirely in the hands of the men who operate the Atlantic Missile range.

Their job can be divided roughly into three phases: determining where the speeding rocket is during every second it is in flight, retrieving its nose cone from the ocean, and interpreting data on what happened to the passenger and the nose cone in flight.

The Air Force disclosed to United Press International that preparations already have started for the first man's flight aboard a rocket. The plans are secret, but a rundown on the range as it is now being operated should give some idea of the enormity of the job.

Between the Cape and Ascension are 11 other stations in the intricate tracking and data-receiving network.

These are Jupiter, Fla., about 80 miles north of Miami; Grand Bahama, Eleuthera, San Salvador, Mayaguana, and Grand Turk, islands in the Bahamas; the Dominican Republic; Puerto Rico; St. Lucia and Antigua in the British West Indies; and Fernando de Noronha, 250 miles off the coast of Brazil, which owns the island.

A glance at the map will show two big gaps in this chain of data-gathering stations: the 2,236-mile span from St. Lucia to Fernando de Noronha, and the 1,225-mile jump from Fernando to Ascension. To plug these gaps, the Air Force uses specially-instrumented "ocean range vessels."

Manning the thousands of "little black boxes"—the tracking and data-gathering instruments at each station—are nearly 2,000 men all but a handful of them civilians employed by the government.

The Eleuthera station in the Bahamas is typical of others in the group. About 140 full-time technicians and maintenance personnel are assigned there. These men work for the Radio Corp. of America (RCA), which is in charge of all instrumentation on the range, and Pan American World Airways, the range "housekeeper."

All aspects of a missile's flight performance must be measured. The Air Force does this job with high-speed cameras, theodolites (instruments which measure horizontal and vertical angles), and a highly complex device known as the azusa system. The azusa is used to measure the position of a ballistic missile traveling 15,000 miles an hour at an altitude of several hundred miles.

However, the Air Force relies primarily on telemetry for information on what is happening inside a missile during flight. The telemetry devices are "black boxes" with probes extending to all parts of the missile. Similar boxes presumably will be attached to the rocket passenger.

When the missile men wish to recover a nose cone hurled over the ocean, the operation becomes even more complex. Several C-54 airplanes are dispatched from Patrick Air Force Base, just south

"DENNIS THE MENACE"



Poets, Historians Differ On Paul Revere's Ride

By RAY SHAW
AP Newfeatures Writer
"Listen my children, and you shall hear
Of the midnight ride of Paul Revere,
On that fateful night—
When the British were coming—"
Almost any American will recognize that as the opening of Henry Wadsworth Longfellow's stirring "Paul Revere's Ride."

Longfellow's account of the ride—184 years ago last week (April 12-19)—appears to have made a bigger hit in poetry books than in history books.

For while historians agree the poem carries a powerful patriotic message, they generally disagree with Longfellow's presentation of the facts.

Historians and Longfellow agree

Revere had an important part in warning the countryside from Boston toward Concord, about 20 miles away, that the British were coming. From there, however, the accounts differ.

The Boston of that day was located on a peninsula projection in Boston Harbor. To the north across a shallow inlet was Charlestown.

Longfellow had Revere in Charlestown taking the signal from Old North Church that the British were coming—"one if by land and two if by sea"—and galloping off toward Concord alerting the patriots.

Historians claim the signal was flashed by Robert Newman on Revere's instructions to other revolutionaries across the bay in Charlestown. Revere is said to have still been in Boston when the lantern was hung in the church belfry.

Longfellow mentions only Revere's ride. Historical accounts contend he was accompanied much of the way by William Dawes, a young shoemaker, and Dr. Samuel Prescott.

Neither does Longfellow mention that Revere eluded one British patrol. He and Dawes were captured by a second patrol while Prescott escaped and made his way to Concord where the colonial arms were stored.

Longfellow has Revere reaching Concord:

"It was two by the village clock,
When he came to the bridge in
Concord town."

Before their capture, Revere and Dawes were able to warn John Hancock and Samuel Adams so they could escape arrest for treason.

Why does Longfellow differ from historical accounts of the night? The reason isn't clear. When writing his poem the historical facts were already in print.

One theory given is that Longfellow, by writing only of Revere,

Weather Table

United Press International
Temperatures and rainfall for 24 hours ending at 4 a.m.

	High	Low	Rain
Albuquerque	67	47	
Atlanta	73	60	.32
Bakersfield	78	55	
Boise	61	30	
Boston	69	41	.43
Brownsville	91	68	
Chicago	41	35	.38
Denver	46	27	.06
Detroit	46	35	.02
Fairbanks	25	2	
Fort Worth	69	62	
Fresno	78	50	
Helena	46	—	
Kansas City	54	42	.03
Los Angeles	70	53	
Miami	82	—	
Minneapolis	49	35	
New Orleans	68	72	T.
New York	71	50	.07
Oakland	67	51	
Oklahoma City	78	45	
Phoenix	80	60	
Pittsburgh	59	46	.15
Red Bluff	80	52	
Reno	61	28	
Sacramento	80	49	
Salt Lake City	50	31	.02
San Diego	66	58	
San Francisco	62	49	
Seattle	62	44	
Spokane	60	36	
Stockton	78	48	
Thermal	84	61	
Tucson	71	52	
Washington	68	63	.14

Dulles Didn't Succeed In His Avowed Purpose Of Gaining Offensive

By JOHN M. HIGHTOWER
WASHINGTON (AP)—When John Foster Dulles took office as secretary of state six years ago his avowed purpose was to "wrest the initiative" from the Soviet Union and put the United States and its allies on the offensive in the cold war. He never succeeded in achieving this major objective.

Soon after he was sworn in, he found himself caught up in a tide of crises that ran throughout his crowded years in the State Department. His major contributions to the development of U.S. foreign policy have been, with few exceptions, on the defensive side of cold war strategy.

Foremost among his accomplishments, perhaps is the vast expansion he engineered in United States alliances and military commitments over the world. He inherited the North Atlantic Alliance, which he hoped to create

Klamath Falls Youth Heads SOC Students

Voting last Wednesday saw 500 Southern Oregon College students casting ballots in the student body election for next year's officers. Ballot counting ended at 7 p.m. with only one run-off election in the results.

Next year's officers are: Bob Mead, president, Klamath Falls; Ron Leggett, second vice president; Bonanza; Maureen McCurdy, treasurer; Medford; Janet Meyer, secretary; Klamath Falls; Larry Hall, vice king; Medford and Ona Liles; Roseburg; Larry Barleen, Klamath Falls; Alvin Born, Henley district; Klamath Falls; and Ron Fader, Ashland, representatives-at-large.

According to Gaylor Huck, former Klamath Falls student and now a resident of Ashland, this year's first vice presidential runoff will take place next Wednesday between Rick Pastega, Klamath Falls, and George Olson, Klamath Falls. Huck is second vice president this year.

Jim Ochs, editor of the college newspaper, the Siskiyou, reported that the election between the incumbent president, Richard Clark, Medford, and Mead, was a hotly-contested one with Mead defeating Clark's second-term bid by a vote of 294 to 221.

Voting In Algeria Reduced By Rebel Threats, Attacks

ALGIERS (AP)—Voting in Algeria's week-long municipal elections limped along today with rebel threats and attacks keeping the turnout small.

Unofficial reports said at least 16 persons had been killed and nearly 70 wounded so far by rebel terrorists seeking to sabotage the voting ordered by the French.

The voting began Sunday in the city of Algiers, 45 per cent of those eligible balloted. In the countryside—where the French army is in direct control—some 80 per cent braved the threat of rebel reprisal.

Early returns from three wards in Algiers gave a lead to an extreme right-wing faction favoring Algerian integration with France and an end to the government of President Charles de Gaulle.

Although only municipal offices are at stake, the campaign centered on a struggle between backers and opponents of de Gaulle.

City voters had a choice of candidates, but voters in more than 60 per cent of the rural communities had only candidates approved and mustered by the French authorities.

In Algiers, 258 Europeans and 193 Moslems campaigned for 75 municipal council seats. Most of the Moslem candidates were the same men who have cooperated with the French for years.

De Gaulle had hoped that the elections would produce a representation of moderate Moslem nationalists with whom France could begin working toward negotiations for Algeria's future status. But even the moderate nationalists refused to run, claiming the election had been decided in advance.

Although European Algerians constitute 10 per cent of the country's 10 million inhabitants, they are guaranteed one-third of all municipal council seats.

Gen. Jacques Massu, commander of the Algiers area, sought to conquer voter apathy and fear by broadcasting an appeal for a larger turnout. Army loudspeakers

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PRE-SCHOOL CLINIC
BONANZA—A pre-school clinic will be held at the school at 1 p.m. on Wednesday, April 22. Dr. Seth Kerron and the Klamath County school nurse will be present. They will be assisted by Mrs. Roger Reid. All parents are urged to bring their children who will enter school this fall.

Do-It-Yourself Plane Crashes

OAKDALE, Calif. (AP)—Their home-assembled airplane was a total wreck but brothers Glendon and Gerald Conkle were able to walk away from it Sunday after it crashed into an irrigation ditch.

Glendon, 28, and Gerald, 23, of nearby Modesto, assembled the small plane from a variety of parts over a two-year period. When they finished it was properly licensed and test flown.

The plane developed engine trouble near Knights Ferry, 10 miles northeast of here, and crashed after hitting some roadside trees in an attempt to land on Orange Blossom Road.

Glendon had facial cuts; Gerald a broken arm.

READ IT AGAIN
DES MOINES, Iowa (UPI)—State Sen. Jack Schroeder, a Republican, interrupted Democratic Sen. Melvin Wolf to object to his criticism of the motives of Republican legislators.

"My last paragraph praises you," Wolf told him.

"Well, read that one first, please," Schroeder said.

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Morse Promises Vote For Herter

WICHITA, Kan. (AP)—Sen. Wayne Morse (D-Ore.) said he will vote for confirmation of Christian A. Herter as secretary of state.

But Morse told reporters here Saturday night that he hopes Herter will have a more flexible foreign policy than that of John Foster Dulles, who has resigned.

Morse was here to speak in behalf of Israel bonds.

SLASH FIRE

ETNA—The Callahan Forest Service Ranger Station reports no damage suffered when a slash fire on Kangaroo Creek went out of control due to a sudden wind on April 15. The fire was quickly corralled by forest service personnel.

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