



Navy Destroys Rocket

SECOND VANGUARD TRY FAILS



Space Director

WASHINGTON (AP)—President Eisenhower said today Secretary of Defense McElroy will direct all outer space programs at this time.

Tax Cut Studied

WASHINGTON (AP)—President Eisenhower said today it could be the administration will recommend a tax cut if an expected business upturn fails to develop about midyear.

Dies In Fire

LAKE GROVE, N. Y. (AP)—One student perished early today and two were injured as fire destroyed a boys' dormitory at Lake Grove School, a private co-educational institution which draws most of its students from the New York City area.

First Arrivals

BERLIN (AP)—The first of the 21 German scientists being released by Russia were reported today to have arrived at the East German-Polish border. East Berlin officials said there were 12 persons in the group, including wives and children.

Safe Landing

TOKYO (AP)—A huge U. S. military transport plane landed safely at Yokota Air Base today after losing a wheel, then circling for 6 1/2 hours while it used up its fuel supply and jettisoned cargo in preparation for a crash landing. Seven men were aboard.

Shots Required

COLUMBUS, Ohio (AP)—Polio vaccination will be required of children under 10 enrolling in Columbus public schools for the first time this fall.

Resentment Told

COLOMBO, Ceylon (AP)—Native resentment was reported today to be threatening Britain's newest Indian Ocean air base in the Maldiv Islands. Islanders are being forced out of their homes to make way for the base.

No Stopover

MELBOURNE, Australia (AP)—British Prime Minister Macmillan today denied a London report that he may stop off in the United States on the way home from his far eastern tour.

Clubwomen 50 Years Obsolete?

Read About It On 2-B

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To Your Good Health	8A
Women	2-4B
Worry Clinic	12A

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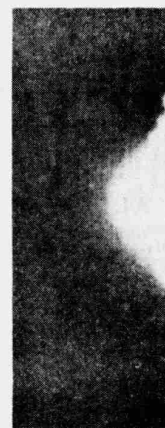
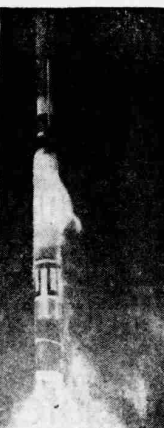
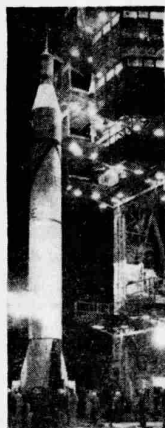
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Vanguard's Brief Biography—In Pictures



Missile Wobbles Off Course

CAPE CANAVERAL, Fla. (AP)—The Navy's second Vanguard satellite rocket roared skyward today but ended just like the first—in a fiery explosion. Sixty seconds after a beautiful takeoff at 2:33 a.m., the bullet-shaped Vanguard wobbled crazily, broke into two pieces and was destroyed by the range safety officer. If the flight had succeeded, the Navy would have put a tiny "moon" into orbit with the Army's Explorer, which was fired off Friday by the Jupiter-C missile. But the Vanguard climbed only about 100 feet into a cold, slurry sky before the safety officer, B. D. Stephens, pressed the button that blew it apart and sent it plunging toward the ocean in a fiery blazing fragments. So the Soviet Union, having launched two Sputniks, still holds a numerical lead. Sputnik I disintegrated Jan. 4 but Sputnik II, carrying a dead dog, still whirled around the earth.

FOUR-FOOT EFFORT

The first Vanguard rocket, fired here Dec. 6, struggled upward only four feet before it toppled over and was partly consumed in its own flames.

A fuel line leak, causing a loss of pressure in the combustion chamber, was blamed for that spectacular mishap, which damaged the prestige of the Navy's attempt to launch the first satellite in the skies.

Experts had hoped that the lessons learned from that first failure would help pave the way to success on the next attempt, but officials emphasized before today's attempt that the odds against getting the Vanguard's 3,000-pound orbit to orbit still were 1,000 to 1.

The slender, 72-foot rocket left the ground surely and gracefully, riding its own broom of lemon-colored fire straight up into the blue-black sky.

Its blazing exhaust lighted the countryside and the roar of its engines shook sleeping persons awake for miles around.

CHEERS DIE

Observers watching the blastoff from vantage points inside the test center shouted as the Vanguard began its arrow-true climb. But their cheers died in their throats when they saw the missile incline too sharply, break up and plunge back toward the moonlit Atlantic.

One huge ball of brilliant fire seemed for a moment to be spinning back in the general direction of the test center and an alarmed observer yelled: "Look out, it's coming our way!"

'Boy' Thief Seen Tottering Away

DETROIT (AP)—Mrs. Lovely Flowers, 90, told police a purse snatcher stole her purse containing her \$92 pension check. The purse snatcher was "young, tall and thin," she said. "How young—16 or 17?" asked the desk sergeant. "Oh, no," said Mrs. Flowers. "He was about 60."

Evening Prayer

Dear Lord, we thank Thee for the faith and courage, the hope and comfort we have received. May they be nurtured by our obedience to Thee, that they may grow and bring forth fruit to Thy glory. In His Name. Amen

Get Set . . .

Go!

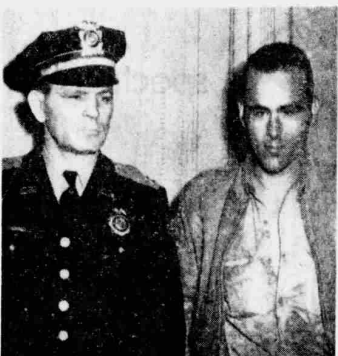
It's All Over But . . .

. . . The Descent

This dramatic sequence of Associated Press Photofax pictures tells better than words the story of the Navy Vanguard's short and unhappy life this morning. In the first picture, technicians bustle about the rocket in its Cape Can-

veral launching stand just 35 minutes before the moment of firing. Next, the pencil-slim missile rises slowly from the ground, showering ice used to cool its fuel behind it. Twenty thousand feet up, a giant ball of fire marks the spot

where the Vanguard is exploded after swerving from its course. Finally, a fizzling stream of fire marks the descent to earth of the rocket's remnants. Pieces of the rocket fell into the ocean several miles off the Florida coast.



Burton (right) After Surrender To Capt. Marshall Jeffords

'I Couldn't Stand It'

Kidnaper Gives Up: 'Pressure' Got Him

PADUCAH, Ky. (AP)—The grim four-day manhunt for kidnaped Carl E. Burton ended last night. He ran into police headquarters and surrendered because "the pressure was too much."

Two policemen chased him as he ran, hands in the air and a fully loaded revolver sticking in his belt.

It was a dramatic climax to one of this area's most intensive searches which began when Burton and Harold Davis, 35, kidnaped Missouri State Trooper William Little at Van Buren, Mo., Saturday night.

Burton said at the police station, "I'm glad it's over. The pressure was getting too much. I knew I couldn't get away. I had to quit running."

Police from four states converged on this western Kentucky area when the pair, holding Little hostage, smashed through roadblocks in Little's police cruiser.

Burton and Davis, both of Redwood, Calif., fled to a remote section of McCracken County late Saturday night, huddled up at a farm home and held Little and Mr. and Mrs. Calvin Shelton hostage for 24 hours.

Davis cracked under the pressure and shot and wounded himself. Burton fled to the river bottoms, leaving Little and the Sheltons unharmed.

Police set up massive road-

By VERN HAUGLAND
CAPE CANAVERAL, Fla. (AP)—For one wonderful minute it seemed almost certain that a new baby moon was on its way to an orbit.

But only for a minute. Harrowing moments later there was the possibility that the giant rocket might turn against the men who had launched it—might rain fiery hell down upon them.

That was how swiftly the scene changed at the ill-fated Vanguard early today of the Navy Vanguard test vehicle.

FINGERS CROSSED

From the first, every one watching and waiting for the new attempt to launch the three-stage Vanguard, with the metallic grapefruit satellite in its nose, had his fingers crossed.

Many of us had seen the previous Vanguard attempt—Dec. 6—end in fiery ruin on the launching pad.

We had seen what could happen within a complex container full of intricate devices, housing six propellants regulated by 600 valves.

We had expected a Vanguard launching the night before. Hour after hour we waited, reporters and photographers, huddled in blankets against the unseasonable cold of the night.

We were on top of a flat-roofed building inside the missile test center, only a mile and a quarter from the Vanguard stand.

We could hardly have had a better view of the missile and still retained a reasonable degree of safety.

Twenty minutes before launch time, rain deferred to early

morning, searchlights switched on and bathed the tall missile in brilliant light.

From here the countdown went swiftly. There were only a couple of brief "holds" and then at 2:33 a.m. (EST) the familiar flash of fire.

"It's off," someone shouted. The Vanguard is sluggish at the start.

The Vanguard flight calls for it to climb straight up for 10 seconds, at the end of which time it would have climbed only 422 feet and would be traveling 61 miles an hour.

This specific Vanguard rose smoothly in a great thrust of flame. Its engine roared deafeningly.

At 10 seconds the white rocket tilted slightly toward the southeast, again as it had been outlined in advance.

Its first stage engine was to burn out two minutes and 22 seconds after launching, when the rocket would be 38 miles high and darting upward at 3,700 m.p.h.

Normally, the Vanguard is designed for close to peak efficiency.

That goes for the way it burns its fuel, the amount of fuel it burns, the guidance system, the alignment, weight and the way the various engines separate in flight and fall away.

While some other rockets are allowed fudge factors—margins of error, the Vanguard allows for little error.

In the firing of a rocket, the smallest error can manifest itself in flame and destruction.

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Cloudy and cool today.

Cloudy and warmer with occasional rain tonight and tomorrow.

High yesterday . . . 47

High expected today . . . 50

High expected tomorrow . . . 55

Low this morning . . . 28

Low expected tonight . . . 40

Sunrise, 7:20 a.m.; sunset 5:37 p.m.

More Weather Data on Page 2-A

New York School Violence Flares Again

School of Music and Art.

NEW YORK (AP)—The board of education, with approval, has announced a program to curb crime in the city schools.

Every point in the program has been under public consideration before, including a key proposal that six more special schools be opened for disturbed youngsters.

While board officials were busy making minor changes in their report before making it public, school violence flared anew yesterday.

A 16-year-old white student said he was robbed of his wristwatch and 70 cents by a husky Negro boy on a third-floor stair landing of Manhattan's High

School of Music and Art.

In Brooklyn, a public librarian was pummeled by three Negro public school girls when the librarian accused one of using a forged book card. Meanwhile, several of the girls' boy schoolmates, also Negro, were stealing \$130 from library "fine" money.

The librarian, a white woman, suffered cuts on the neck and wrist. The girl who touched off the incident was arrested as a juvenile delinquent.

The six proposed special schools would handle upwards of 1,200 pupils. Last week the board of education, in its budget request, asked for \$500,000 for the schools.

Five such schools are already in operation.

The board also proposed expansion of attendance, guidance and counseling service and said support "in the strict enforcement of reasonable disciplinary measures."

The board asked New York State to provide additional correction facilities for minors who "require removal from normal society" and it called for "immediate" consideration of what to do with children convicted of delinquency who are returned to school on parole or probation.

It was estimated that less than one per cent of the schools' reg-