

Explorer II Satellite Launched by Army

(Note: At press time late Wednesday night the Defense department had still not been able to tell whether or not Explorer II had gone into orbit.)

WASHINGTON (AP) — The Defense Department said Wednesday night there was some doubt that the Explorer II satellite, launched at 1:28 p.m., had gone into orbit.

An interim statement issued at the department said:

"While there are some reports of signals from stations indicating possible orbit, we have no conclusive information that an orbit has been achieved.

"However, we do not have sufficient data to say conclusively that it has not gone into orbit.

"We expect to know within a few hours."

CAPE CANAVERAL, Fla. (AP) — The Army launched a second Explorer-type satellite with a Jupiter-C rocket Wednesday.

The launching came just 33 days after another Jupiter-C recaptured lost U.S. prestige by hurling the Free World's first satellite into an orbit.

The 70-foot launching rockets were identical.

The new satellite vehicle, like the one that preceded it, was a metal tube more than six feet long and six inches in diameter. It streaked skyward as a twin to the explorer "Moon" and as a traveling companion to the Soviet Sputnik II, both now orbiting the earth at about 18,000 m.p.h.

As with the first explorer, the Army planned to let the world know within two hours whether its newest space vehicle had attained the minimum of 200 miles of altitude and the speed it must have to stay aloft for long.

Secret Fuel

The rocket's main engine was burning a potent and still secret new fuel called Hydne. This fuel also was used for the previous Jupiter-C launching.

The first stage was scheduled to burn out 150 seconds after launching when it was 40 to 50 miles above the earth and climbing at the rate of 4,400 to 4,500

feet a second.

The Army waited to launch the new satellite more than 20 minutes after the Explorer had passed over this area.

This delay was arranged so there would be no interference or confusion between the radio signals from the two satellites.

The 56-foot Redstone is the Army's 200 to 250 mile range ballistic artillery missile. It is being built for the Army by Chrysler Corp., Detroit, and is capable of delivering atomic as well as non-atomic projectiles.

The Redstone missile normally is fueled with liquid oxygen and alcohol.

As modified for the satellite's launching task, however, its North American rocket type engine burned a new hydrazene-base compound which gave it 12 per cent greater thrust and range.

In the Jupiter-C the Redstone warhead and nose cone were replaced by a spin bucket containing a cluster of 15 solid propellant rockets.

The four-stage rocket, a slim and snow-white giant, roared away from its concrete launching stand at 1:28 p.m., EST.

Climbs Rapidly

Within 25 seconds it had

climbed up into an overcast of about 5,000 feet and was out of sight.

It appeared to be a fine launching, and signals from the rocket immediately after launching indicated it was flying smoothly and directly into space.

The signal came from a piece of telemetry equipment called DOVAP for dippler frequency and position.

This device produces a whine that is below the audible level at the start of the missile's flight but could be heard as soon as the rocket picked up speed.

The tone could be heard and its pitch rose as the missile's speed increased.

The sound was designed to build up intensity until the Redstone's first stage burned out, when it would end suddenly.

Sound Ends

The sound did end within two and a half minutes, the burning time scheduled for the Redstone's first stage.

A few minutes after the launching the Defense Department announced that the army had launched a "multi-stage test rocket" but said it was too early to determine whether the satellite was in orbit.

Ike Predicts Buying Will Bring Upturn

WASHINGTON (AP) — President Eisenhower said Wednesday he does not believe it is wise to make the federal government the most important factor in efforts to defeat a recession.

Eisenhower told his news conference the administration is doing and proposes to do many things to help bring about a business upturn.

He said he believes this upturn will come as a result of purchases by millions of citizens.

He added the economy has a way of steering its own course and federal and state governments are not the most important factors.

Johnson Supports

Earlier in the day Senate Democratic Leader Johnson of Texas had thrown his weight behind a proposal to establish a Public

Works Administration (WPA) with a half billion dollar job-creating fund.

Eisenhower said the government is watching the statistics and indexes closely but he doesn't believe just spending more federal money is entirely the answer to achieving an upturn.

The President said the government is spending a lot of money now in the current 72 billion dollar budget and a relatively few dollars more doesn't seem to him to be the whole answer.

Eisenhower said the government is encouraging home building, has acted to ease credit and is studying the acceleration of various public works projects already approved. He said this is the kind of thing that is good and should be done.

Faubus Decides to Run Again

LITTLE ROCK, Ark. (AP) — Gov. Orval Faubus, who vaulted into national prominence during the bitter Little Rock integration controversy, announced Wednesday he will seek a third term.

He said he intends to defend states rights as part of his platform.

The only third term governor in Arkansas history was Jeff

Davis, who served from 1900-06.

Faubus, who is 48, called out Arkansas national guardsmen last Sept. 2 to surround Central High School.

When classes opened next morning the soldiers turned away nine Negro students who tried to enter under a federal court order—and the lengthy racial crisis began.

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Fire, Water Insure Success in Mouse Hunt

ROSEBURG (AP) — James W. Henderson set a trap behind a sofa to catch a mouse.

Later, he leaned down and lit a match to see if the mouse was in the trap.

It wasn't, but the match set the sofa afire and the mouse was found dead there, victim either of fire or drowning from water that doused the blaze.

Canadian Students To Boycott Classes

MONTREAL (AP) — College students in the province of Quebec plan to strike today to support demands for more provincial aid to higher education.

A one-day boycott of classes was voted last week by about 21,000 students to protest Premier Maurice Duplessis' refusal to meet demands for more money.



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