# Electronic Weapon 'Gives Edge' to U.S. Planes Urges Cycle

### **New Device** Unveiled by **Air Leaders**

(Earlier Story Page 10, Sec. 3) CULVER CITY, Calif. (AP)-

An electronic weapon which engineers said gives America's air defenses the edge over any invading enemy bombing fleet was revealed Wednesday by the Air Force and Industrialist Howard Hughes.

The device, including 30,000 parts, can fly interceptors automatically from take-off to touchdown and will fire rockets at the exact moment. It was publicly unveiled as the big Hughes Airplane Company plant here was opened to the press for the first time.

#### Track Down

The device, with its radar antenna, an electronic computer and a radar scope, enables an interceptor to releatlessly track down an enemy bomber and activates the trigger automatically.

Development of the firing system was made necessary, e...gineers explained, because uman reactions are too slow to effectively handle swift modern fighter planes in combat. Interceptors and bombers now fly much higher and faster than their long since outmoded World War II ancestors.

Every interceptor guarding the United States and Canada' is short?" equipped with the deadly "automatic marksman," Hughes said. hand?". And the marksman is equally effective at night or in cloudy we .ther.

electronics manufacturing com-pany in the West, already has body who might have been an produced more than 8,000 of the firing system.

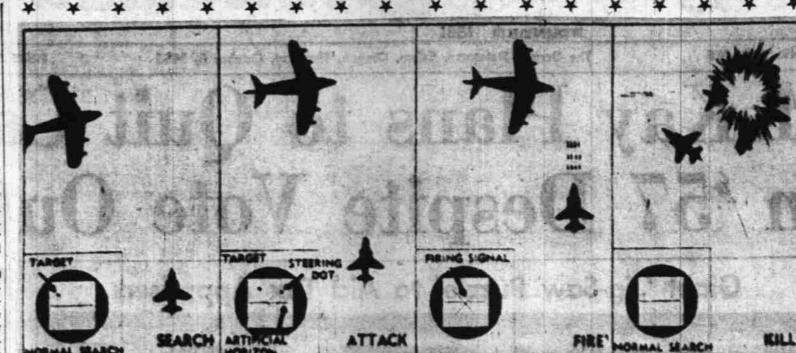
**Close** to Truth

Brig. Gen. J. W. Andrew of Norton Air Force Base, Calif., In Portland; told newsmen at the plant that "it would be close to the truth to say that we in the Air Force rely Man Arrested entirely on electronics."

supersonic," he said, "and alti- waitress-Mary Marks, 46-died phere the danger of one plane chest early Wednesday and Portgreatly. We had to change our a Vancouver, Wash, man. defense tactics."

The electronic firing system the floor of her apartment by fake telegram for Dean Reese. a hospital. solder joints is the result.

technique, he explained



CULVER CITY, Calif .- Diagrams show how new electronic fire ers them to pilot's scope. Pilot files interceptor to put steering dot control system unveiled Wednesday in Culver City, Calif., by the in center of reference circle. As attack progresses, third panel, the Hughes Aircraft Company seeks out and destroys enemy planes. computer automatically launches the interceptor's armament at the Interceptor plane at bottom of first panel is searching an area precise place and time so that it will score a hit. When armament specified by a ground control interceptor station which has de- is launched an "X" appears on the scope. As armament hits target, tected an "enemy" bomber. Second panel shows how pilot of panel four, interceptor automatically veers away and up from target interceptor searchlights bomber with radar and how data is fed debris. (AP Wirephoto Chart) to electronic computer which develops steering signals and deliv-

Witnesses Have Short Memory, Class Proves

eye-witness to crime of violence.

ficers to distraction.

are often blunted.

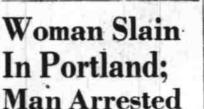
Importance of Facts

But it wasn't as grim as all

By JERRY STONE Staff Writer, The Statesman "How long was the man on the that. premises?" . . . "How was he Law Class dressed?" . . . "Was he tall or That set

dressed? . . . Did he wear glasses?" "What did he carry in his sons at a Law for Laymen class Those might have been questions

fired at sombody in a grey interrogation room at police head-Hughes Aircraft Co., largest quarters or somebody on the wit-



"With speeds exceeding the PORTLAND IP -An unemployed tudes that of the outer stratos- with a five-inch stab wound in her carrying one bomb was increased land police later took into custody

Robert Gault, 53-was arrested by seven m



"THE LEFT HAND OF GOD" with Humphrey Bogart and Gene "THE MASTER PLAN" with Wayne Morris

"DOCTOR IN THE HOUSE" with Dick Bogarde and Kenneth

NORTH SALEM DRIVE IN

witnesses rarely retain in memory all they've seen. The questionaire indicated powers of observation

**Channel Isle** O'Neill, 26, had been "planted" outside the room garbed as a True Haven Western Union messenger. At The woman was found dying on into the room and produced a For Taxpayer the 'appointed time he stepped

# **Police Chief Rider Safety**

In line with the city's stepped up traffic safety campaign, Police Chief Clyde Warren Wednesday issued a reminder to bicycle riders that many traffic laws apply to them as well as motor vehicles.

Warren said there have been numerous reports of bicyclists going the wrong way on one way streets and added that any doing so are liable to caught arrest. The police chief also practice for bicycle riders to run gram" and that none will be until said it seems to be a common red lights and travel without lights at night.

Warren added that bicyclists' compliance with traffic laws will help in the campaign to reduce serious accidents.

### War Urged on Delinquency **Of Parents**

SPOKANE (#) - Sunday school teachers should try to reach adults as well as children in an effort to combat "parental delinquency," the president of the National Sunday School Assn. said Wednesday. By contacting adults, said Dr. Harold W. Erickson, Rockford, Ill., "the American family life can be strengthened, thus helping to combat parental, as well as juvenile, delinquency."

Dr. Erickson spoke at the opening session of the 10th national Surday school convention, which

The delegates were told there the infallible word of God.

"The Sunday schools of America suffered one of the most barren periods in their history during the 1920s and 1930s due to an over emphasis on teaching technique cabinet together by Thursday and to the neglect of the study of the at once. Bible," Dr. Erickson said.

## **Official Sees** No Assurance **Of Tax Cut**

WASHINGTON (A - An administration spokesman said Wednesday that pending completion of firm federal budget estimates next January there is no assurance that income or other taxes can be cut

in 1956 to Secretary of the Treasury Humphrey, teld a House subcommittee "I can assure you there are no plans developing on a tax prothe financial picture for the year starting next July 1 becomes clearer.

over the whole situation is there Atlas Ranges. any assurance there could be any tax cuts at all."

The most recent official estimates are that the government will incur a deficit of about 134 billion dollars in the current bookkeeping year, which ends next June 30. President Eisenhower's recommendations for the 12 months following are due for submission to Congress in January.

#### **Greece Moves Quickly to Form New Government**

ATHENS, Greece (A) - Greece moved quickly Wednesday night to form a new government as the nation mourned the death of Premier

Marshal Alexander Papagos. King Paul picked Constantine Karmanlis, communications and public works minister under Papagos, to organize a cabinet. The monarch acted after receiving the previous government's resignation from Stephan Stephanopoulos, foreign minister and deputy premier. Papagos' last official act before

his death Tuesday night was to name Stephanopoulos acting premier. After seeing the king, Karamanlis told newsmen he would get his the ministers could be sworn in

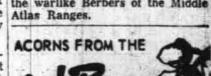


RABAT, Morocco (m - France Wednesday flew more troops to battle the black cloaked Berber horsemen whose rebel raids in Morocco showed new signs of wallorganized leadership.

Officials in Rabat, French administrative capital of Morocco, said the rebels were "aggressive" Dan T. Smith, special assistant and the military situation was "not too brilliant."

Both sides apparently have received reinforcements and hard fighting was raging at a number of points.

French circles here estimated an attempt was being made by some military commander outside Smith said that not "until we rocce to unite the Riff tribes with get the facts together and look the warlike Berbers of the Middle



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That set of questions was put CAPITOL "WICHITA" with Joel McCrea and Vera Miles. "THE BIG TIP OFF" with Bichard Conte and Constance Wednesday night to some 83 perheld at North Salem High School as a part of the Adult Education Smith. GRAND Program. Prepared by Dean Seward Reese of Willamette University, the questionaire aimed to prove a point that has often driven lawyers and law enforcement of-

"THE MAGNIFICENT MATA-DOR" with Maureen O'Hara and Anthony Quinn. "IT CAME FROM BENEATH THE SEA" with Kenneth Tobey and Faith Domergue. The point proven was that eye-

with its multiple parts and 70,000 police. She was dead on arrival at Somebody signed for the dean SARK, Channel Islands up while he was speaking and he Sark Wednesday doubled its tax a motor scooter. A police check Using the new fighter plane The Vancouver man-Quinton continued to speak for another but an islander may escape the revealed he had been to the De-

More. "INNOCENTS IN PARIS" with Alastair Sim and Ronald Shiner.

HOLLYWOOD

"SOLDIER OF FORTUNE" with Clark Gable and Susan Hayward. "CITY OF SHADOWS" with Victor McLaglen. The test of observations was set up while Dean Reese was lecturing to the Wednesday night group about the importance of facts in the legal profession. Willamette law student Pat

At The Theaters Man With Gun

Arrested in

told where he was. quoted the man as saying he just got into a line of people and didn't know where he was going.

of 308 West 26th St., New York City, the man was booked at the Metropolitan Police Central Cell Block for "investigation of carry-

ing a dangerous weapon." White House guards spotted the briefcase under Nebbiai's arm as he wandered through the executive mansion's east wing. They became suspicious when he did not satisfactorily answer questions

about its contents. A search of the briefcase, police said, revealed a loaded .25 calibre automatic, which Nebbiai said he kept for 'self protection."

Nebbiai told police he came here three days ago to get a patent on

White House WASHINGTON IP - A 30-year- attracted a record first-day regisold New Yorker, arrested Wednes- tration of 1,265 delegates. Minisday while sightseeing through the ters and laymen from the United White House with a gun in his States, Canada and Hawaii are briefcase, expressed surprise when attending the 3-day meeting. Police, who said he apparently is a current trend toward return came in with a group of tourists, to the attitude that the Bible is

Identified as Joseph J. Nebbiai

30 miles from the invading bomber.

Aerial dogfights of past ars are obsolete, he said, adding that a modern interceptor pilot "seldom if ever sees his target."

#### Waterpower Development 'Phenomenal'

WASHINGTON ( - Development of waterpower in the United States and in the entire world has been phenomenal since 1920, but U.S. development lagged behind that of the world. the Geological Survey reported Wednesday.

The survey said that in 1920 the installed capacity of waterpower plants in the U.S. was 32.6 per cent of the world total but that on Dec. 31, 1954, it was 26.8 per cent of the total.

For the world as a whole, the development of waterpower increased 564 per cent from 1920 through 1954 while the increase in the United States was about 450 per cent.

"The fact that waterpower degreater prior to 1920 than in other for the different rate of increase." the suvey said.

"Development in all countries is continuing at an unprecedented rate. At one time there was a question as to where to find a market for power from large projects such as Grand Coulee (in Washington State).

"Now, with wide interconnection, the market has outstripped the supply."

#### **Tot's Operation** Success, Wealthy Indian 'Happy'

PORTLAND (P - Newly-rich EASY WORK Jasper Grant was the "happiest Indian in the world" Wednesday. The operation his money bought for Cathy Ploense, 2, was pronounced a success.

Grant will get half of \$1.175,000 compared with the day's activipaid for his timberland near Gold Beach recently. He said at the time that the first thing he would do was have the operation for ed a flaming truck which was Cathy, daughter of his friends, Mr. driven right to the door. and Mrs. Bill Ploense. She was operated upon Tuesday for a palate defect which prevents her from speaking properly.

HOLLYWOOD 50¢ Phone 4-4713 20¢ NOW SHOWING - OPEN 6:45 "SOLDIER OF FORTUNE" Cinemascope - Technicolor Clark Gable, Susan Hayward Michael Rennie THRILLING CO-HIT -"CITY OF SHADOWS" Victor McLaglen

bat maneuver can begin as far as a state policeman near The Dalles. the messenger fade. Detectives said his auto license number had been taken from a and answers of some "eye-wit- Tuesday. picture in the woman's possession.

Gault has been employed by a Vancouver catering firm. Gault denied inflicting the wound,

"messenger" who burst into their his bank balance - and the tax but said he had been in the apartmidst. ment that evening. Detective Reports Vary Joseph Blewett said Gault signed a statement, admitting he had scuffled with the woman. He said

she had struck him repeatedly and another maintained "10 seconds." islander is presumed to have. that he had warned her not to do The "messenger" did not wear If an islanders feels he's been it again. He left, he said, fearing that the noise may have aroused and even mentioned the color of pear before the island judge and other apartment dwellers. the frames.

old O'Neill was 17 or thereabouts. petitioner's word. **Hotel Clerk Wins** He stands 5 feet, 10 inches-but At last census there were 611 Second Cadillac Many thought his blue jacket was ly attired.

UNION CITY, Tenn. IP - Lightbrown or green; a number pictured his tie as grey or blue when ning struck for the second time Tuesday night for John Hopgood, a he wore no tie. "It proves," said Dean Reese,

hotel clerk. About this time last year, Union "that while your eye-witnesses City baseball fans gathered for may be completely honest, their the drawing for a sleek new Cadil- impressions can be considerably lac, a stunt to boost baseball atdistorted." tendance

Also a speaker at the class was Horace Ford, a blind man, drew Circuit Judge Val D. Sloper, who out a capsule and his little girl, talked on court systems in Ore-Judy, read the name - John Hop- gon.

good, the winner. At Tuesday night's drawing for velopment in the United States was another Cadillac, the same Horace Ford pulled out the capsule. countries of the world accounts The same Judy Ford read the

> After more conventional measnote: Even deer are wearing ures failed, she unlimbered her charcoal black now. trusty vacuum cleaner. In a twink-

> D. W. (Don) Martin of Portland ling, the buzzing squatters were killed a black buck-a greater drawn into the interior of the buzzrarity than a pure albino-on a ing contraption, then dispatched deer hunting trip in the Upper with carbon monoxide by attaching the cleaner to an automobile Langell Valley, east of Klamath exhaust

> > totaled

130 pounds.



Falls. The four-pointer dressed out at

NEW HAVEN, Conn. (UP)-

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a blaze, but that was rugged

ties of the West Battalion. Its

firemen just sat tight and dous-

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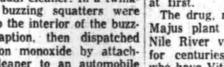
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Kenneth Tobey

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from \$1.923.136,664 in the like 1954

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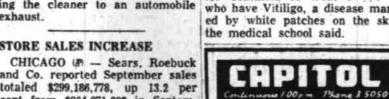
Alastair Sim

"INNOCENTS

IN PARIS"

largaret Rutherford

Vacuum Cleaner



before long.

partment of Commerce for the increase - if he cares to - by Then came the questionaires- looking twice as seedy as he did patent but did not show whether

Police said the man would be nesses" reflected fairly sharp ob servation but a number apparent-island between England and sent to New York Metropolitan ly had given little notice to the France to force a man to disclose police.

#### assessment is based on a man's The man in disguise was in the Until Wednesday, the tax assess- 18 States Hold room one minute. Somebody's ment was one shilling on every 20 an Meeting on answer was "five minutes" and pounds (14 cents on every \$56) an Meeting on

#### The "messenger" did not wear If an islanders feels he's been Indian Affairs swear he is not worth his assess-

SANTA FE, N.M. UP - Prob-A number thought the 26-year. ment. The judge must accept the lems of law enforcement in Indian country, plans for future termination of Indian wardships and simione person answered "five feet." residents - none especially lavish- lar subjects occupied the opening session Wednesday of the Gover-ners' Interstate Indian Council.

Harvey Wright of Oregon, chairman of the 18-state group, was an opening session speaker. He discussed the purposes, the goals and Pill' Revealed the history of the movement in the various states which has led now to the present interstate organiza-PORTLAND, Ore. (P) - You may tion.

be taking your suntan lotion in a Gov. John F. Simms, welcomcapsule instead of smearing it on ing the group, recalled the terrific impact World War II had upon The University of Oregon Medi-Indians and said they are still un-

cal School reported Wednesday dergoing a transition period as a that 14 light-skinned volunteers result. who normally "burn" easily got Simms said the main weapon of deep suntans last summer by takthe Indian in this modern day is ing 8-Methoxypoolaren (8-MOP).

New 'Suntan

the ballot and it is extremely im-portant for older Indians to follow However, Dr. Thomas B. Fitzpatrick, professor of dermatology, the younger generation's example and Dr. Carl E. Hopkins, associate and vote. professor of public health and preventive medicine, warned that the drug isn't ready for general use. The experiment indicated it must

be taken in correct dosage and with careful exposure to the sun at first. The drug, made from the Ammi Majus plant which grows in the Nile River valley, has been used for centuries to treat Eripting who have Vitiligo, a disease mark-

FLOODS RECEDE WICHITA FALLS, Tex. (P - The Wichita River and Holliday Creek, which together flooded 150 blocks in Wichita Falls, were falling very

slowly Wednesday night and few of the persons forced from their homes had returned.

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