

Missile Guided by Wire May Be Great Anti-Tank Weapon

Washington—UPI—A wire-guided French missile fired from helicopters has been declared potentially one of the most effective additions to the Army's anti-tank arsenal.

Brig. Gen. Clifton F. Von Kann, after witnessing experimental demonstrations at Ft. Stewart, Ga., said the missile seems to solve the problem of obtaining accuracy within the helicopter's weight-carrying limitations.

Von Kann, director of army aviation, told United Press International that low-flying "copters obtained as many as 11 direct hits in 14 tries on tank targets 1,000 yards away.

The missile's warhead is powerful enough to pierce the strongest known armor.

Simple Missile
The weapon is the SS-11, made by the French Nord Co., and is almost the simplest guided missile that could be imagined. It operates like a powered model airplane.

A six-inch spool of thin wire, approximately a mile long, unwinds from the tail of the missile as it proceeds toward the target at a subsonic speed of 450 miles an hour.

An electrical impulse sent over the wire, and four adjustable fins on the missile, enables the pilot or co-pilot of the "copter to guide the projectile with the kind of stick used in aircraft control.

The great advantage over radio guided missiles, Von Kann said, is that no heavy equipment is needed. The Bell HU-1 "copters that the Army wants to use for anti-tank purposes will be able to mount six SS-11s externally on the fuselage and also carry spares for reloading.

The missiles weigh 63 pounds and cost \$1,300 each, but Von Kann said the economics of the system work out well.

Tanks at which the missiles would be fired would be expected to have cost an enemy more than a quarter of a million dollars each. The "copters to carry the missiles are ex-

pected to cost about \$225,000 each.

Difficult Target
Von Kann said it has been proved that low-flying helicopters are a difficult target for enemy guns. Tanks trying to defend themselves, he said, could fire only machine guns, which would be ineffective at distances greater than 800 yards.

He added that the range of the SS-11 can be extended to a mile if a magnifying sight is developed. The present limitation of about 1,000 yards is the eyesight of the pilot.

The Army hopes eventually to have 35 or 40 armed helicopter units, he said. Each unit, according to present plans, would have four "copters assigned to anti-tank duty. Other "copters would be assigned to scouting, troop-carrying, medical evacuation and supply duty, or to firing general-purpose anti-personnel rockets. There would be 25 or 30 aircraft to a unit.

The Army now has 5,500 planes, mainly fixed-wing types. By agreement with the Air Force, the ground forces are limited to a weight of 5,000 pounds for fixed-wing planes and 20,000 pounds for helicopters.

The light, fixed-wing Army planes are not armed. Von Kann said, however, that the Air Force has never raised any objection to the Army's arming helicopters, and considers this a modest extension of the Army's ground capability.

Hospital To Be Retirement Center
Vancouver, Wash.—UPI—Purchase of the Kaiser Foundation Northern hospital here by Columbia View Manor Corp. for \$250,000 was announced Tuesday.

The hospital will be operated as a retirement center. The new owners said they expected to spend another \$250,000 in remodeling.



IKE ENJOYS LAUGH—President Eisenhower, left, and President Mohammed Ayub Khan of Pakistan share a hearty laugh during a tent pegging display by Ayub's elite mounted bodyguard at Karachi. Tent pegging, a former military training test, is now popular as a sport in the northwest frontier. —(UPI Radioteletype photo)

Year of General Prosperity Profitless for Chicken Raisers

Editor's note: This is the last of three dispatches reporting on the nation's farm problems.

By **BERNARD BRENNER**

Washington—UPI—For many of the nation's chicken and egg producers, this year of general national prosperity has been a virtually profitless year. A year of disastrous losses in many cases.

Agriculture Department economists are forecasting more low prices for chickens and eggs through the rest of 1959. The outlook for the future depends on how producers respond to repeated appeals to hold production down voluntarily.

If production outruns demand again in 1960, despite the lessons learned in the hard months of 1959, Washington observers expect renewed and heavier pressure for some form of forced production control.

Appealed to Congress
Earlier this year, when egg prices had tumbled to the lowest levels since the early 1940s, egg producer groups from the Northeast and California appealed to Congress

for approval of long-range control programs. Proposals ranged from government-operated marketing quotas to plans in which producer committees would be given the power to control supplies, directly or indirectly.

Congressional committees held hearings on the issue. They heard dozens of small farmers tell of credit cut off while unpaid feed bills piled up, of telephones disconnected because bills could not be paid, of farmer after farmer giving up in the face of low prices and the growth of large-scale farms.

No Action on Proposals
Although the legislators brought heavy pressure on the Administration for emergency steps to bolster egg prices by taking temporary surpluses off the market, there was no action on long-range control proposals. And the clamor for government help eased when egg prices rose in the late summer and early fall.

If the price collapse of 1959 is repeated in the election year of 1960, pressures for Congressional action could well be heavier. The Administration, however, can be expected to stand solidly on its opposition to any form of enforced production control of chickens or eggs.

What's the 1960 supply outlook?

—The number of egg-laying hens on farms last Sept. 1 was down 5 per cent from one year earlier. By next Jan. 1, layer numbers are expected to be down far enough to bring egg production early in 1960 below the 1959 rate. Whether the cut will be deep enough to do much good remains to be seen. Agriculture Department economists report per capita consumption of eggs fell off substantially this year. During the late months of 1959, they said, "substantial diversion" of eggs from normal markets may be necessary to prevent a plunge in prices.

Broiler chicken production has also been declining in recent months. But the outlook for 1960 depends on whether producers expand again in the spring as they have in most recent years.

"The breeding stock for expansion is there. We can't tell what will happen," an Agriculture Department specialist said. If production next year is held to this winter's levels, broiler producers can expect prices to go up when the normal spring-summer boom in demand for their chickens comes along.

Department experts hope the price record of 1959 will persuade broiler growers to "go easy" next year. Since last Jan. 1, farm prices for broilers have been almost continuously below the 17 to 18 cents-a-pound level that most growers consider the break-even point. In mid-September, average broiler prices were down to 15.7 cents a pound, and further declines were expected later in the year.

The poultry industry's problems have been developing for a number of years, a department specialist told a House Agriculture Subcommittee when it reviewed the outlook at a hearing.

Trouble Summed Up
Hermion L. Miller, head of the department's poultry division, summed up the trouble:

"The industry, in all its segments, has emphasized production without having a weather eye out for markets."

Spurring the all-out production, Miller said, was the growth of specialized, large-scale poultry farms, contract farming and "integration" which gave control of production to processors and feed companies.

"Unless very drastic steps are taken, the poultry industry will probably continue through difficult times until adjustments are made to this new economic era," Miller said.

Polio Toll Moves Higher in Oregon

Portland—UPI—Oregon's polio outbreak which already ranks as the worst since 1955, rose again last week when nine additional cases were reported, pushing the total to 175 for the year.

Dr. Harold Erickson, state health officer, said all of last week's cases were paralytic and only one had received any Salk vaccine.

The board also listed 20 new cases of infectious hepatitis, bringing the total to 816 so far this year, the fourth worst record in Oregon history.

Portland—UPI—The estate of Peter A. Binford, Portland book publisher who died Oct. 26, was appraised at \$364,646, according to an inventory on file in Probate Court.

Apples Studied For Contamination

Olympia, Wash.—UPI—The federal food and drug administration is testing Washington apples to determine whether any may be contaminated by a weed-killer that caused the cranberry controversy, Joe Dwyer, state director of agriculture, said Tuesday.

There is no evidence that apples are affected by any residue from the killer, aminotriazole, Dwyer said. The testing is merely precautionary.

The testing was ordered because the weed-killer may have been used in Washington orchards, he added.

Civil Air Patrol Observes 18th Year As AF Auxiliary

The Civil Air Patrol endeavors to educate the people of the U.S. in the field of aviation and tries to help them understand the air age, in which they live.

This is the purpose of the CAP as outlined by Warrant Officer Mary Lou Hall, of the Medford Civil Air Patrol squadron.

Last week was the 18th anniversary of the founding of the CAP as a civilian auxiliary to the U.S. Air Force. It was created at the beginning of World War II to augment the Air Force and assist them in non-combatant military operations.

The CAP proved so successful during the war, Warrant Officer Hall said, that it was decided to put the group to peace-time purposes and no better purpose was possible than to help our people acquaint themselves with aviation and its fundamentals which play such an important role in our lives today. It is a civilian, non-profit organization.

Charter Member
The Medford squadron is a charter member of the CAP. It is responsible for bringing aviation education to the people of Jackson county.

There are approximately 40 active members in the Medford squadron, which has its base and facilities at the Medford airport. The local CAP owns one plane and can obtain the use of seven more should an emergency arise, Lt. John Keener, commander of the Medford squadron, said.

Warrant Officer Hall said the CAP is always on the alert for any emergency that may arise whether of an air nature or not. The Medford group has done everything from searching for lost planes to directing traffic at the Ashland forest fire last summer, she said.

Cadet Program
Persons from 14 to 17 can take part in the CAP's cadet program and persons over 18 are eligible for the senior program. Members are given preflight training and instruction; are versed in radio operations (the local squadron has an extensive radio network); are taught emergency operations; and many other aviation subjects, according to Warrant Officer Hall.

The local CAP gets its gas and equipment on loan from the Air Force. It is almost always equipped with a plane that has been declared militarily obsolete, she said, but it is sufficient for the needs of the CAP.

Attend Conference
Last week end, eight members of the Medford squadron joined 200 other members from flights and squadrons throughout the state at the annual Wing conference in Portland.

They gathered to exchange information, learn of the application of aviation education programs in other communities, take part in various instruction classes, and to be informed of CAP policy changes and the program for the ensuing year.

Any persons interested in

Portland Zoo Seeks Space Monkey

Portland—UPI—Sam the space monkey today was offered a permanent home in Portland's new \$4 million zoo.

Clifford Alterman, president of the Portland Zoological Society, said the local zoo provided facilities due such "an intrepid space explorer."

Last Friday Sam soared 55 miles above the Atlantic in a rocket and later was recovered from the ocean by a destroyer.

The invitation, which had the endorsement of local zoo officials, was sent to the National Aeronautics and Space Agency.

Off-Street Parking Cuts Down Accidents, Police Chief Reports

By taking advantage of Medford's off-street parking facilities, Christmas shoppers will reduce the amount of street parking in the downtown area which adds to congestion, irritation, and even accidents, Chief of Police Charles P. Champlin said today.

There are seven Park and Shop lots in the downtown area with 74 downtown merchants participating, he said. In addition to these are several other downtown parking lots, he added.

He encouraged shoppers to take advantage of the lots since parking maneuvers are the third ranking cause of traffic accidents in Oregon cities.

When drivers do find it necessary to use street parking, Chief Champlin said, they should be especially careful to check before pulling out of a parking place into a traffic lane.

Suggest Hand Signals
He suggested that drivers use hand signals when stopping to park, and to get in and out of the car from the curb side when parked on a congested street.

The chief warned drivers about the temptation to double park in crowded downtown traffic. Nothing, he said, can be more irritating to other drivers than the person who attempts to discharge or pick up a passenger and blocks traffic in the process.

Champlin said his officers have been instructed to watch for this particular action and to keep traffic moving in all lanes during the pre-Christmas shopping season.

DRUNKEN DOBBINS
Tokyo—UPI—Police in Moscow in northern Japan reported they found several apparently tipsy farm horses. They learned that farmers, who had been brewing bathtub sake, poured the rice wine down the horses' throats when tax officials launched a raid on bootleggers.

ANYONE FOR SEAL
San Francisco—UPI—Searching for a Christmas present for someone who has everything? Try a seal. The San Francisco Seal Aquarium is offering for sale at \$125 each young, live genuine seals.

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Improper Teen-age Eating Habits

Problems of teen-age nutrition and lack of it are explained and answered by a medical authority . . . pertinent information for every parent and teen-ager.

Read this article in the December 13th issue **Family Weekly**

MEDFORD MAIL TRIBUNE

ROAD and TRACK MAGAZINE Tests the Volkswagen

Four years after its first VW test, Road and Track runs the new '60 model through its paces. Here are the comments by testing engineers:

"We were pleased to see that the 1960 was the same VW as we tested in 1956. At least that's what we thought at first. The fact is that there have been some pretty significant changes in the 1960 car . . . the chassis has been changed (new anti-roll bar) . . . brakes are very much improved . . . transmission ratios have been revised . . . the seats have been re-contoured . . . the handling of the new VW is a real eye-opener for those who don't think a rear-engine car can be stable . . . we're glad that (VW) has chosen this line of steady refinement. The 1960 VW, while not appreciably different in its outward appearance, is the best VW yet. And that, good friends, is saying a lot."

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