

Coast Artillery Tries Out New Anti-Air Guns

FORT STEVENS, Ore., June 25 (AP)—It's going to be risky business for foreign airplanes which might try to fly over this army post at the mouth of the Columbia river, because the Oregon national guard's 249th coast artillery showed how effective nine new three-inch anti-aircraft guns can be.

These new guns were fired for the first time last week by the newly-organized anti-aircraft battalion of the 249th.

These boys never had seen an anti-aircraft gun before, but they performed like veterans.

Two Battalions
The 249th now contains two battalions, one of which man the six-inch and 10-inch sea-coast guns at the mouth of the river. The other fires anti-aircraft machine guns, as well as the three-inch weapons.

It is a highly complicated job to fire the three-inch guns, and it takes a person trained in higher mathematics to understand it.

About 65 men are needed to fire two guns. They fired at a 25-foot balloon-silk target towed 3000 feet behind a Washington national guard observation plane. The target was towed at 120 miles an hour, was two or

three miles out at sea, and from 2000 to 10,000 feet high. The guns fire shrapnel shells three inches in diameter and two feet long, and the guardsmen fired about 25 a minute with each of two guns.

Machine Does Most
A crew of three men operates the altitude finder, a tube about 12 feet long and a foot in diameter, they train their sights on the target, no little job in itself, and the complicated electrical machine does the rest.

These measurements which automatically and instantaneously change as the plane changes altitude, are sent to the director, a square electrically-operated box that coordinates altitude,

distance, weather conditions, and other information needed to fire the guns.

The director transmits this data to the guns, on the side of which are dials. Operators match these dials with data sent from the director, these operations automatically aiming the guns and adjusting the fuses so the shells burst a few yards short of the target.

250 Shrapnel Pieces
When a shell bursts, it sends 250 pieces of shrapnel spreading out like a mushroom and covering a 40-yard radius.

Most of the targets were shot full of holes. When the shells burst about 12 seconds after leaving the gun, they leave a trail of smoke-puffs across the sky. The two guns together got about 28 shots at the target on each course, many of these shots being sufficient to bring planes down.

The mechanical equipment

used to fire the guns is a strict military secret. Only two civilians, a major's son and a reporter, were permitted to see the firing — and they weren't allowed to take a good look at the director or altitude finder.

SLY FELLOW
SANTA FE, N. M., (AP)—Bloodhounds couldn't follow Andy Hewitt's trail after he fled state prison. Officers at a nearby town captured him 12 hours later and found out why. He had spread pepper behind him.

Without bees, many of our most common flowers would be exterminated. Some of the flowers can fertilize themselves with their own pollen, but this method produces an inferior plant. On the other hand, without flowers, the bee race would die out.

WEATHER

NORTHERN CALIFORNIA—Fair tonight and Thursday, but local fogs on coast night and morning; higher temperature in the interior; moderate north-west wind off coast, but fresh above Point Reyes.

WASHINGTON and OREGON—Fair tonight and Thursday; warmer in interior of west portion Thursday; moderate northerly wind off coast and in afternoon over inland waters of Washington.

ORIGINAL CHRISTMAS CARD
The first Christmas card was designed by J. C. Horsley, a member of the British Royal academy, in 1848. Only 1000 of these were lithographed and then hand-colored.

Recently placed on the market head lamps with double filament bulbs. When the first filament burns out, the second automatically switched on.

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Courthouse Records

Marriage Applications

MORTENSON-CURTIS. Lee Morris Mortenson, 29, truck driver. Resident of Tionesta, Calif., native of Utah. Mary Louise Curtis, 16. Resident of Klamath Falls, native of Iowa.

COX-DECKER. Homer D. Cox, 24, carpenter. Resident of El Cerrito, Calif., native of Nebraska. Phyllis Janice Decker, 22, housewife. Resident of El Cerrito, native of Nebraska. Three day requirement waived.

SMITH-MULVANEY. William A. Smith, 23, cook. Resident of Klamath Falls, native of Kansas. Lucille Ann Mulvaney, 19, housewife. Resident of Klamath Falls, native of North Dakota.

Verdict

B. A. Case and Alice Case versus Eva McNeely. Jury found for defendant. Suit for \$250.54 and attorney fees. F. O. Small, attorney for plaintiff. Lynn Moore, attorney for defendant.

Divorce Decree

Colesta Loper Modlin versus James M. Modlin. Grounds, cruel and inhuman treatment. Plaintiff awarded attorney fees, suit money. Lynn Moore, attorney for plaintiff.

Jeanette M. Jones versus Rufus H. Jones. Grounds, cruel and inhuman treatment. Plaintiff awarded return of her maiden name and costs. Lynn Moore, attorney for plaintiff.

Justice Court

Norman Leo Clowers. No operator's license. Fined \$5.50. **Blurton Baker.** Larceny from a person. Bond set at \$1000 cash or \$2000 property. Committed.

Judgment

State Industrial Accident commission versus Lee Harrison and John M. Goldsberry. Judgment awarded plaintiff against Goldsberry for \$98.89 with interest and costs.

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