DEATH RAY FOR PLANE ENGINES SEEN IN TESTS

Atom Bomb Test In Spring May Put Forces on Track of New Weapon.

By Joseph L. Myler
United Press Correspondent

Roswell, N. M., Feb. 28—(U.P.) The atom bomb which bursts over the navy's guinea pig fleet in the Pacific next spring may put the armed forces on the track of a new weapon—a ray that is death to airplane engines.

It may—but whether it will is one of those things that man, for all his boasted mastery over the atom, cannot predict with certainty.

But the army air forces have an idea. And when army-navy task force No. 1 carries out its May 15 atomic bombing of surface ships off Bikini Atoll in the Marshalls, the idea as well as the bomb will be put to the test.

B-29 To Drop Bomb

A B-29 super-fortress will drop the bomb. But it will be the out-moded B-17, flying by remote control without a crew, which will brave the violence of the atomic cloud to extract its secrets.

In charge of these radio-controlled "drones" is Col. Harvey T. Alness, of Bayport, Minn. He is chief of the air instrumentation unit of the 58th wings' task group 1.5, the army's half of the joint army-navy task force which will carry out "operations crossroads."

"Frankly," Alness said, "we don't know what to expect." But the drones, obeying impulses flashed from "mother ships" 10 to 12 miles distant, will "fly solo through the atom cloud and return with information heretofore undreamed of."

To Test Engines

One of the things the air forces will be most interested in will be "engine power changes." How the intense radioactivity of the towering cloud which rises when an atomic bomb bursts will affect internal combustion engines remains to be seen.

But it is known that radio activity ionizes the air, changes it into charged particles which conduct electricity and thus induce "leaks" from power-carrying wires.

This conceivably could wreck the ignition system of an airplane engine and result in the craft's destruction. Obviously, radioactive clouds could stop invading air armadas in their tracks.

Alness does not believe all of his drones can survive their venture into the atomic cloud. All manned photographic planes have been warned to stay 10 to 12 miles from the bomb burst.

Col. William H. Blanchard, commander of the 58th wing 509th composite group, said human beings should not venture closer than five miles of the cloud for any extended period.

But even those drones that succumb to heat, blast, pressure, turbulance, or radioactivity will tell their story before they die.

Camera To Be Used

A movie camera in the mother plane will record televized pictures of the instrument panel aboard the drone as it flies through the cloud. And the drones which survive will bring back not only a record of what they went through but also physical samples of the cloud itself. Bags aboard the drones will automatically open to gather particles of the radioactive matter and will automatically seal afterward.

The man who will actually drop the bomb will be selected from eight crews now being trained here and at Albuquerque and Clovis, N. M. These crews thus far have dropped an average of two mock atomic bombs each and will drop a total of about 10 before their training is finished. The crew with the best record will make the air drop off Bikini.

Closing time for Classified Ads 8:30 a m —Too Late to Classify 12:15 p m

High School News

By Betty Lou Allison and Daphine Martin

The La Tertulia club under supervision of Miss Wilson, advisor, held a dinner February 20, for purpose of initiating 32 new members. Committee chairmen for the dinner were, Margaret Bismark, decorations; Madeline Ward, invitations; Barbara Meadows, food; Bonnie Edwards, program.

Initiated were, Virginia Earley, Betty Warren, Mary Ann Brill, Bob Claypool, Jean DeVoe, Helen Ferris, Rosalie Glascock, Corrine La Tourette, Nancy Rose, Bill Parker, Bill Templin, Beverly Work, Vernon Thatcher, Audrey Hall, Lenora Albright, Betty Beer, Polly Hoffard, Beverly Autry, May Ballard, Norman Kaplan, Monte Kounz, Katherine Vilas, Betty Lou Baker, David Dowe, Donna Brewer, Joan Brummond, Rosalie Noelker, Eula Rose Oakes, Marilyn Nickle, Pat Older, Iris Thomas, and James Hughes.

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Instructors attending the teachers training conference on secondary school social studies at the county court house February18 and 19, were Mrs. Smith, Mrs. Van Scoy, Miss Kirtley, and Mr. McDonald.

Dr. R. E. Anderson, of the State Department of Education was in charge of the meeting. One of the major issues of discussion was, "Should courses in chronological United States and world history be required of all high school students?"

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Drama club presented the first play of the season in assembly today. The play was a delightful comedy in one act called "The District Contest." In the cast were Jerry Liebman as Dr. Henry Stevens, a small town doctor; Janis Duncan, the doctor's wife, Marie; Janet Horsely, their daughter, Jean; Jerry Igo, their son, Reginald. Helen Ferris played the part of the hired girl, Hilda. The play was given under the direction of Mrs. Herron.

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The Tennis club has been organized again this year under the supervision of Mr. Cope. Chuck Shinn has been elected president and captain. Active members are Kershaw Miller, Bob Bills, Harvey Boardman, Ted Anderson, Russell Rose, Jim Selby and Bob Mercer.

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All seniors have been asked to place their orders now for their announcements and name cards.

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With the coming of spring girls sports are again becoming popular.

Senior members of the Girls' Athletic Association are organizing a volly ball team. They plan to play noon hour games with members of the other classes. Barbara Olson is in charge of the activities.

The girls' gym classes are meeting on the baseball fields, in shorts too.

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The H.E.C.A. and school music department presented one of the most successful assemblies of this school year, February 22. Speakers Jim Cave, Norma Stearns, and Bill Moffett told the story of our nation from the time of Washington to our own time. The theme was presented through radio play technique supplemented by pantomine and serious and comic scenes of the past. The background of the stage was of strips of pastel colored paper. The "Gay Nineties" was represented by a barbershop quartette—Dean von Stien, Bob Shangle, Gordon Marx, and Treve Neff—and the can-can was danced by Norma Stearns, Janet Horsley, Joan Hoppe, Ann Conroy, and Janis Duncan. A silent melodramatic pantomime, "Little Nell," was presented by Janis Duncan, Glen Tingley, Bill Moffett, Roger Sterton, and Nick Greene. The Girls' Chorus, under the supervision of Miss Nanson, presented two numbers, "Ours Is the World" and "My America." The band, directed by Mr. Mirick, played "American Melody."

The program was planned by the H.E.C.A. club advisor, Mrs. Van Scoy.

Closing time for Sunday Too Late to Classify 4:00 Saturday afternoon Please remember

TOWNSEND PLAN FOR INCOME TAX URGED BY ANGELL

Washington, Feb. 28—(U.P.)—A group of about 50 congressmen today urged adoption of a new, streamlined Townsend old age pension plan.

Rep. Homer Angell, R., Ore., spokesman for the group, said the house ways and means committee had been asked to consider his bill embodying the ideas of Dr. Francis E. Townsend, who originally proposed a $200-a-month pension for everybody over 60.

Angell said Townsend's plan now has been revised to provide an extra tax of three per cent on everybody's income.

The total amount collected then would be divided equally among all persons 60 or older and not gainfully employed.

Petitions Shown

The Townsend backers displayed petitions containing over 300,000 signatures urging passage of the new, streamlined Townsend plan.

Angell said his bill would take care of all the nation's old folks, which he said even an expanded social security wouldn't do.

Under his bill pensioners would be required to spend their full monthly allowance within 30 days after they got it. Angel estimated that pensions would run around $60-$75 a month if the national income were about $140,000,000,000.

He said ways and means chairman Robert L. Doughton, D., N.C., had promised his group a hearing.

DAM BUILDER DIES

Redding, Cal., Feb. 28—(U.P.)—Frank T. Crowe, 63, superintendent of construction on 19 major dams including Boulder and Shasta, died suddenly last night in a local hospital.

Closing time for Classified Ads 8:30 a m —Too Late to Classify 12:15 p m

HOME PLAN SERVICE
Let me draw the plans for that new home.
J. C. Reinhart
Designer
Phone 2856

PURE Vanilla

Your desserts have smooth, delicate flavor that won't bake or freeze out, when you use Schilling *pure* Vanilla. Insist on finest vanilla quality—Schilling.

Schilling

DOG LOVERS ATTENTION!
Medford Stationery Co. has on display a few dog head portraits done by a local woman artist. Orders may be left for portraits of your own dog.

O'Brien's
"IRISH FRIED CHICKEN"
Delivered to Your Home
5 to 10 P.M.
$1.25 — Phone 6145
Fried Chicken—Bread Sticks
Tossed Salad

Bet you never tasted soup quite like this!

VEGETABLE SOUP
RANCHO
STYLE

It's *different*! It's *Western*... with a zippy flavor tang . . . a dozen different "blue-ribbon" vegetables... a hearty, lip-smackin' flavor goodness you'll really go for! Try it and see for yourself!

Try these other delicious Rancho Soups
• Tomato • Cream of Mushroom • Chicken • Asparagus • Pea

LOOK FOR THE NEW RED LABEL

Packed under continuous inspection of U.S. Dept. of Agriculture

60 WAYS TO SAVE ON FOOD

...and hundreds more on the shelves at SAFEWAY

We have listed below about 60 food prices—taken at random from various sections of our stores. They show how much you can save at Safeway. Compare these prices with what you have been paying. Or better yet, come in and make a more complete comparison direct from our shelves. We are sure that your test will prove that you can get more for your money at Safeway.

Apple Butter Libby's Brand No. 303 jar 20c
Peanut Butter Beverly 1-lb. jar 30c

Catsup Red Hill 13½-oz. bottle 14c
Chili Dennisons, with beans 15¾-oz. can 22c
Tomato Sauce Del Monte Buffet Tin 6c
Hot Mustard French's 9-oz. jar 13c

Libby Deviled Ham No. ¼ Tins 2 for 25c
Oregon Walnuts No. 1 mediums lb. 35c
Dried Prunes 2-lb. pkg. 29c
Tenderoni Macaroni Dinner pkg. 7c
Popcorn For a bang-up good time 2 Lbs. 29c

Shefford Cheese
Olive Pimiento, Pimiento, Cream Relish, Bleu Appetizer, Pineapple Cream 5-oz. glass 20c

Baking Needs

Lemon Westag Flavoring 4-oz. bot. 7c 8-oz. bot. 10c
Baking Powder Royal 12-oz. can 52c
Sno-White Salt Plain or Iodized package 7c
Beet Sugar 5 lbs. 32c 10 lbs. 63c
EGGS Grade "A" Large Doz. 45c

Dried Foods

Soup Stock Mixed 2-lb. package 27c
Rice Blue Rose 2-lb. package 22c
Split Peas Green and Yellow 2-lb. package 22c

Canned Goods

Peas Gardenside Standard No. 2 can 11c
Corn Country Home, cream style No. 2 can 15c
Corn Country Home whole kernel No. 2 can 15c
Canned Chilies Flying V Pimiento 7-oz. can 37c
Apricots Valley Gold Halves No. 2½ can 27c
Pears Harper House No. 2½ can 30c
Peaches Highway Halves No. 2½ can 22c
Peaches Highway Sliced No. 2½ can 22c
Peaches Castle Crest choice halves No. 2½ can 24c

Beverages

Nescafe 4-oz. glass 30c
Cocoa Our Mother's 1-lb. pkg. 11c
Hemo Borden's 1-lb. jar 66c
Ovaltine Chocolate ½-lb. jar 35c lb. jar 61c

Juices, Etc.

Juice Town House Grapefruit No. 2 can 13c 46-oz. can 29c
Blended Juice Blend O' Gold No. 2 can 17c 46-oz. can 39c
V-8 Cocktail Vegetable 46-oz. can 30c
Wine Fidelis Claret Fifths 64c
Tomato Juice Sunny Dawn, fcy. No. 2 can 10c
Cider Vinegar Old Mill pt. 10c qt. 16c

Housewares Section

Lotion JERGEN'S Incl. Tax 6½-oz. bot. 47c
Boraxo Cleans dirty hands can 14c
Water Softener Rain Drops 20-oz. pkg. 22c
Lux Soap Toilet 3 bars 20c
Camay Soap Toilet 3 bars 20c
Lifebuoy Soap 3 bars 20c
Bleach White Magic ½ gal. 17c 1 gal. 32c
Scouring Pads S.O.S. Pkg. of 4 12½c Pkg. of 10 21c
Chore Girl Scouring Pads Each 9c
Shoe Polishes Shinola Paste Jar 9c

Breakfast Foods

Rolled Oats Morning Glory Reg. & Quick 3-lb. pkg. 26c
Quaker Oats Regular and Quick 3-lb. pkg. 28c
Instant Ralston 1-lb. pkg. 20c
Ralston Cereal Whole Wheat 1½-lb. pkg. 20c
Cream of Rice 18-oz. pkg. 21c
Wheatena Cereal 22-oz. pkg. 22c
Nabisco 100% Bran 16-oz. pkg. 17c
Variety Pack Kellogg's Cereals pkg. of 10 22c
Grape-Nuts Wheat Meal 30-oz. pkg. 22c
Pancake Flour Suzanna 20-oz. pkg. 9c
Flapjack Flour Albers 4-lb. bag 28c 10-lb. bag 64c

Sea Foods

Tomato Sardines King Solomon No. 1 can 10c
Salmon Happy Vale No. 1 can 22c

Baby Food
Clapp's Instant Oatmeal and Dry Cereal
8-oz. pkg. 15c

Corn Starch
Kingsford Brand
1-lb. pkg. 9c

Premier Beer
12-oz. Bottles 2 for 25c

Cigarettes
Camels, Chesterfields, Lucky Strike, Old Gold, Kool, Philip Morris
2 Pkgs. 25c Carton $1.23

Pipe Tobacco
Prince Albert, Velvet,
Pkg. 9c

Wheaties
Breakfast of Champions
8-oz. pkg. 10c

GUARANTEED MEATS

LAMB Roast
Shoulder Square Cut 'AA' lb. 35c 'A' lb. 34c

Leg of Lamb Grade 'AA' lb. 39c 'A' lb. 38c
Lamb Chops Ribs 'AA' lb. 45c 'A' lb. 43c
Roast Beef Loaf lb. 45c
Spiced Luncheon Meat Honey Brand lb. 39c
Bologna Type 2 A. C. lb. 34c
Wieners Type 2 S. C. lb. 41c
Pork Sausage bulk, Type 1 lb. 39c
Link Sausage Type 1 lb. 48c

FRESH CHINOOK SALMON
BY THE PIECE — lb. 39c
SLICED lb. 42c

Fresh SMELT
Columbia River 2 lbs. 23c

Fresh, Dressed FRYERS
Grade A lb. 43c

SHORT RIBS
Lb. 19c

Fresh, Dressed FOWL
Grade A lb. 34c

VEGETABLES at SAFEWAY

Winesap APPLES
Extra Fancy Fancy and C Grade lb. 12½c

New POTATOES
Florida Bliss Triumphs No. 1's lb. 10c

ORANGES Sweet Navels 344's & larger 5 Lbs. 52c
Calavos—Ready to eat Avocados..lb. 39c
Pears—Extra fancy and fancy D'Anjous .....lb. 15c
Broccoli—Green fresh bunches....lb. 20c
Celery—Pascal variety, crispy lb. 12½c
Peppers—Green Bell, Mexico ....lb. 39c
Yams—From the South.....lb. 12½c
Cauliflower—Firm, solid heads ...lb. 18c
POTATOES Klamath U. S. No. 1's 25-lb. Sack 98c

Produce buying is easy "by the pound"
Safeway prices fruits and vegetables by weight so that you can select the exact amounts of each item you need. Pick out what you want; the scales say "how much". It's as easy as that.

You get more for your money at SAFEWAY

GIL GRINS BUT LAURA WINS