

GUNNERS LEARN TO AIM BEHIND ENEMY AIRCRAFT

8th U. S. Air Force Discovers Best Results From Actual Fighting Nazis.

By Walter Cronkite
United Press Correspondent

A U.S. Bomber Division Headquarters, Somewhere in England (U.P.)—The United States Eighth Air Force has come to the startling conclusion that at least half the time the best way to shoot down enemy fighters is to shoot behind them.

This deduction, calculated to render a couple of million American duck hunters insomniac, has come after long research by ballistic experts, physicists and gunnery officers studying a theory long accepted by the RAF.

The conclusion that incoming enemy fighters should be trailed instead of led by the defensive gunner has a fairly simple explanation.

Whereas a duck hunter shooting at a feathered target is stationary, a 21-year-old American gunner shooting at an aluminum, fabric, flesh-and-bone target is on a bomber moving some 200 to 250 miles per hour.

This movement of the American gunner's "platform," as the gunner officers call a half-million-dollar airplane, imparts a certain catapult action, the bullet leaving the 50-caliber muzzle.

To this catapult action the gunner officers have given the name "fling."

The line of flight of a load of buckshot from the hunter's gun is reasonably straight so that the hunter aiming at a duck on the wing shoots ahead of the target. If he's lucky, the line of flight of his buckshot and the line of flight of the duck will meet in mid-air somewhere, and his dinner guests that night will fill their cavities with tasty game—and lead pellets.

But he doesn't have to contend with this "moving platform" and "fling" business. If he did, he'd learn, as the Air Force has, that when you shoot from say, a 240-miles-per-hour bomber the bullets from your gun don't follow a straight line of flight but are flung forward far in advance of your target.

Thus the way to hit an incoming Focke-Wulf is not to aim ahead of him but actually to aim behind him. Then the bullets are flung forward enough to meet the enemy.

If that sounds complicated, hold onto your hat. Things get worse instead of better. Because there are exceptions to the rule.

In the first place this all applies to aircraft attacking from somewhere in the rear. If the attacking plane is coming from somewhere in front the gunner has to give him a little more than normal amount of lead again to compensate for that "fling." Also, if the attacking plane is coming in from dead level directly at the nose or tail, no lead or trail is necessary.

Eighth Air Force now is trying to get all this across to their Fortress and Liberator gunners with a simple, amply illustrated booklet compiled by Dr. Edwin Hewitt (215 East Chestnut St.), Chicago physicist and mathematician now working in a civilian capacity with Eighth Bomber Command, and young Capt. Merlin D. Larson of Swea City, Ia., gunnery officer of this division.

"Our biggest problem in selling this idea to the gunners is the fact that American boys either by practice or just inherently, are marksmen," Larson says. "They've been hunting with 22's or 20-gauges all their

West Coast Winds Give Fishing Craft a Beating



High winds, which buffeted the entire California coastline, struck with especial violence at small fishing craft at Monterey, where 70-mile-an-hour gales tossed these boats about like matchwood. The damage will soar into millions of dollars.

lives—and all their lives they've been leading the target.

"It is pretty tough telling them not to, at least half the time—in fact, to do just the opposite. We've got the answer though in a simple slogan that applies to every case except the dead level nose or tail attack.

"The slogan is 'always aim between the incoming fighter and your own tail.' Our boys are finding out it works. And so is Jerry.

MORE PORK

Chicago, Dec. 15—(U.P.)—The War Meat board said today that pork production comprised about 60 per cent of last week's total output of meat. Pork production increased 1 per cent over the previous week, the board said, but total meat production remained the same—424,000,000 pounds.

GRAVEL PIT FIRE

Ontario, Ore., Dec. 15—(U.P.)—Fire caused by an overheated compressor yesterday destroyed \$2,000 worth of equipment and buildings at the Lackey gravel pits outside the city limits. The fire department answered the call but returned to the station when noting the property was outside the city.

More Farm Labor Needed Next Year

Washington, Dec. 15—(U.P.)—

The house appropriations committee sent back to a subcommittee for revision today a bill appropriating funds for the 1944 farm-labor program, after releasing testimony by Food Administrator Marvin H. Jones that an additional 287,000 farm workers would be needed to meet 1944 food production goals.

The full committee was unable to agree on a proposal in the bill which would have removed all jurisdiction over the land army from the War Food Administration and placed it in the hands of the state agricultural extension services.

PEO SERVES WAFFLES

Ashland, Dec. 15—The Friday evening waffle supper at the Ashland USO was served by members of AC chapter of PEO. Mrs. Dom Provost, Mrs. Mabel Kinney and Mrs. Ann Le Bounty in charge. Hostesses dressed the table with lace cloth and decorations of candles and Oregon holly in the manner of a pre-Christmas party.

Use Mail Tribune Want Ads.

Morton Downey Is Night Club Champ

New York, Dec. 15—(U.P.)—

The Broadway night club boxing season was officially open today.

Addison (Jack) Randall, cowboy star, nursed a stitched head and Morton Downey, singer, was acclaimed the winner of a night club slugging match in El Morocco with no holds barred. It is no secret that the feud between Randall, present husband of Actress Barbara Bennett, and Downey, ex-husband of Miss Bennett, was one of long standing. Downey divorced Barbara in June, 1941 and gained custody of the children. Barbara was married to Randall soon after.

NORWEGIANS FIGHT

Stockholm, Dec. 15—(U.P.)—The Scandinavian Telegraph bureau said today that a member of the German Gestapo was shot and killed when two of the German police raided a house in Oslo and tried to arrest two Norwegians. A regular battle ensued before the Norwegians, one of them wounded, were arrested, the report said.

Use Mail Tribune Want Ads.

DAIRY PRODUCTS AND CANNED FRUIT WILL BE SCARCER

Civilians Promised More Meat, Eggs, Fresh Fruits And Vegetables by WFA.

Chicago, Dec. 15—(U.P.)—Roy F. Hendrickson, director of food distribution for the War Food Administration, said today that civilians will have more meat, eggs, fresh fruits and vegetables during the next year, but less butter and other dairy products and canned fruits.

He addressed the 35th annual convention of the Vegetable Growers' Association of America, attended by approximately 2,000 delegates representing the nation's 670,000 vegetable growers.

Control Necessary

"To accomplish the job of food distribution," Hendrickson said, "government-instituted controls are necessary. The success of the program will release greater quantities of meat, poultry and some fruits and vegetables for civilian consumption. However, tighter controls must be placed on certain dairy products and canned goods."

Hendrickson, reviewing war food goals, said: "Nineteen forty-four calls for the largest food production we have ever attained—five per cent more than the over-all record production of this year."

"Victory gardens," he said, "can help materially to meet the demand for fresh vegetables. Next year we must have 22,000,000 gardens to meet the quota."

To Get Machinery

The WFA, Hendrickson said, will provide price supports through purchases of farm produce in addition to providing other assistance where necessary, both in production and distribution.

He said the outlook for farm machinery "is relatively good"—1944 manufacturers' quotas "are about double" those of last year.

Population in the Eastern Oregon State Hospital April 1, 1943, was 1,242 with 696 men and 546 women.



How many more days, Mummy?



"Tell me. How many more days before Daddy can come home?" Will he be home THIS Christmas?

And mother doesn't know. So she answers the same way she's answered a hundred times...

"Not so many days... we hope. Daddy can't come home to us until the war is over. Until we win, you know."

Nobody can tell the thousands of bewildered little hearts when their Daddies will come home.

Nor the millions of other Americans when their husbands, or sons, or sweethearts will be back.

The tragic truth is that many of them will never see their loved ones again. Never.

But this we do know...

Every minute by which the war can be shortened means fewer lives lost—fewer white crosses on a lonely hillside.

YOUR job is to put every dollar you can possibly dig up into War Bonds. The fighting equipment bought by your dollars will hasten the day of Victory... the day when the boys come marching home.

DIG DOWN DEEPER. Buy EXTRA War Bonds. Give them this Christmas! Help shorten the war by those vital minutes—or days, or months—which mean American lives saved!

Give WAR BONDS

THE GIFT WITH A FUTURE!

GEO. A. HUNT

Theatres, Inc.

CRATERIAN • RIALTO

HOLLY • ROXY

You May Conveniently Purchase Your Christmas War Bonds Any Afternoon at the Craterian Theatre

Engines

The Boys Grew Up With



Warn of Air-Raids



Produce Smoke Screens



Fight Fires



Move Cargoes



Power Ambulances



Drive Trucks



Propel Tanks

Supply Automotive Horsepower of War

AMERICAN soldiers know these Chrysler Corporation engines. They have sat behind them, driven them, and serviced them in the cities, villages and on the farms at home.

Now, in the war, the boys who grew up with these engines show their knowledge of them, and their affection for them.

They are the direct descendants of the famed, original Chrysler "Red

Head" engines of twenty years ago... the ones that established new high standards of performance among American cars and trucks.

Like the soldiers who man them, Chrysler Corporation engines are, today, doing a military job... Defense and Attack reflect their power and efficiency.

Tune In Major Shows every Thursday, CBS, 9 P.M., E.W.T.

BACK THE ATTACK—BUY WAR BONDS

Chrysler Corporation



YICK SO CHINESE HERB. CO.

Daily 10 A. M. to 6 P. M.
Sundays 11:30 A. M. to 1:30 P. M.



J. H. Leong, Herbalist
Jackson Co. Bank Bldg.
STOMACH ULCERS
Heart. Rheumatism.
Asthma. Catarrh. Piles.
Prostate Gland. Eczema.
and all disorders of Liver.
Kidney Trouble. Jaundice.
and other complaints disappear after using
CHINESE HERBS