

Plane Identity Studied by Air Force Gunnery Students

Panama City, Fla.—(U.P.)—High over the English Channel one afternoon, an RAF sergeant moved his fighter plane into position in a squadron of other aircraft flying toward France.

The sergeant blithely flew along for several miles when suddenly he noticed something odd about his companion planes.

He looked back at his own plane's tail surfaces, compared them with those of his neighboring fliers.

And then he swooped underneath the formation, came up from below to send a burst of machine-gun slugs into the leader's aircraft. He knocked off two more planes in the formation and then scurried back to his home field.

He had gotten in the middle of a German formation through error.

That example is told to students at the Army Air Forces Flexible Gunnery School at Tyndall Field to impress upon them the importance of the aircraft recognition course which is a part of their training.

Many hours are spent in class rooms learning how to tell enemy planes from friendly craft so that no American gunner will shoot down an allied plane by mistake.

And, outside of the classroom, plane silhouettes and models surround the student throughout the five-week gunnery course.

Hanging in each squadron's dayroom are models and silhouettes of Messerschmitts, Heinkels, Junkers, Mitchells, Zeros, Fiats, Machis and other enemy aircraft, as well as Beaufighters, Hurricanes and other Allied planes, including American army and navy ships.

When the student gunner goes to the mess hall for chow, he encounters more models.

When he shaves in the morning, hanging down from the ceiling of the washroom are accurately built models of the aircraft he will encounter when he becomes a member of the combat crew of a United States bombing plane.

Classroom instruction begins with stress on the fact that plane recognition is a vital factor in estimating range of the approaching aircraft.

Insignia painted on planes of the different belligerent nations are described and the WEFT system identification is taught. The WEFT initials refer to wings, engine, fuselage and tail—the points at which the gunner looks to distinguish between the different planes.

Also taught is a course in recognition of ships of the various navies and of tanks used by belligerent countries.

Senior instructor of the recognition course is Lt. Don Hill of Austin, Tex. The latest confidential intelligence reports are used to instruct the student gunners in how to recognize newly introduced aircraft.

SUB TAKES RIDE ON MISSISSIPPI

St. Louis, Mo., Jan. 4.—(U.P.)—The \$7,500,000 submarine Peto in its floating drydock, looking for all the world like a crated whale docked here today to begin one of the strangest trips ever to be made down the Mississippi river.

The Peto and its crew of 15, hailing from Manitowoc, Wis., where the craft was built, leaves today or tomorrow for the two-day trip to Memphis, Tenn., which will be the first stop on the way to the Gulf of Mexico.

The ship has been en route from Chicago since Dec. 26, but has been tied up at Morris, Ill., for six days because the Illinois river was so high that the smokstack on an escorting coast guard tug would not clear a bridge.

WOMEN FLOCKING TO WAAC RANKS

Oregon women in increasing numbers are answering their country's call to serve with the women's army auxiliary corps and are taking up interesting assignments both at home and abroad to release soldiers for combat duty, according to Colonel J. J. Fulmer, commander of the Oregon recruiting and induction district.

In explaining the upswing in WAAC enrollments, the colonel said that expressions of enthusiasm for the corps and its work by Oregon WAACs to friends and relatives in their home communities is one of the biggest factors contributing to the increased enrollment in the corps.

Complete information about the women's army auxiliary corps and application forms may be obtained at the army recruiting office, post office building, Medford, or at the district headquarters, 323 main post office building, Portland.

MANSFIELD TRIAL COMING UP SOON

Kay Kermit Mansfield, held in the county jail on indictments charging assault and burglary, is scheduled to go to trial at an early date.

Mansfield has been in custody since last September when he was arrested in Ashland. He is alleged to have staged a series of burglaries in this city and Ashland last spring and summer, in which a local woman had her front teeth knocked out, and an Ashland man, in attempting to capture him, was shot in the leg.

Delays in holding the trial has been largely due, according to the district attorney's office, to Mansfield changing attorneys and his own indecision as to plea.

RUSH CONTINUES FOR AUTO STICKER

Belated motorists were still flocking to the sheriff's office today to procure their 1943 temporary stickers. There was a grand rush last Saturday, when the sheriff's remained open all day to accommodate auto owners. Many rural residents in the city on other business procured stickers. At one time, the double line extended from the sheriff's office to the front sidewalk of the court-house.

Sheriff Brown warned last week that motorists driving without a temporary sticker were liable to arrest.

RAISIN PLAN UPHOLD
Washington, Jan. 4.—(U.P.)—The supreme court today upheld California's raisin prorate program for the 1940 crop, which had been challenged on constitutional grounds by Porter L. Brown, a packer.

Closing time for Classified ads 9 a. m.—Too late to classify 12:30 p. m.



First WAAC officer believed to have lost her life in service to her country is Third Officer Eleanor C. Tate, missing with six other officers on a medium bomber between Tampa, Fla., and San Antonio, Tex. With her is her husband, Major Joseph C. Tate.



"So you are only practicing a commando raid!"

Miss Breeding's Brother On Lost Navy PBV Patrol

Lieut. James E. Breeding, plane captain on the missing navy PBV patrol bomber which crashed in the ocean off Coos Bay, Ore., Thursday night is the brother of Miss Edna Breeding, commercial teacher at Medford senior high school. Lieut. Breeding was a visitor in this city last October and is well-known also in Grants Pass where the Breeding family resides.

Mrs. L. Breeding, of McMinnville, Ore., mother of Lieut. Breeding, had just returned from San Francisco where she had been visiting her son. He had been stationed in Alaska prior to his trip south and the plane was evidently returning north when the accident occurred. Miss Breeding has gone to McMinnville to be with her mother and sister. Another brother is in the army in the east.

JUST THE MAN
Lemoore Army Flying School, Lemoore, Cal. (U.P.)—Elmer Davidson, letter carrier and postal clerk for 26 years, is a bit mixed up as to just what the Army is all about. Tired of his job, he enlisted as a ground crew mechanic in the Army Air Forces about two months ago. Within 15 minutes of his being sworn in he was appointed postmaster of the basic training detachment here, a position he still holds.

INSTRUCTS FLIERS
Oxnard, Cal. (U.P.)—Miss Doris Williams, feminine pilot, a former student of Compton Junior and Whittier College, is the first woman on the West Coast to be accepted as a flight instructor for the Army and the second one in the United States. She is a product of the Vega Aircraft school and already has served as instructor to civilian pilots.

Use Mail Tribune Want Ads.

ANOTHER WARSHIP MAKES HONOR LIST

Washington, Jan. 4.—(U.P.)—The navy has added another warship to the list of vessels that have made history in the Pacific war.

An unidentified battleship—apparently a new one designed for the aerial-sea warfare of the Pacific—now joins the cruisers Boise and San Francisco which already have been cited for distinguished service in the Solomons.

The battleship shot down 32 enemy planes and sank four enemy warships—three cruisers and a destroyer—in two great sea battles off Guadalcanal. The air attack, according to the navy, was the heaviest yet made on a battleship.

Skipper of the battleship, Capt. Thomas Leigh Gatch, Annapolis, Md., was wounded during the first battle but was back on the bridge for the second one three weeks later. The navy released the story yesterday.

OREGON BOURBONS CONFER SATURDAY

Portland, Ore., Jan. 4.—(U.P.)—The Democratic state central committee today had summoned all Oregon party officials to meet here next Saturday for a strategy conference.

Results of a questionnaire on the recent election, sent to 270 key Democrats, will be disclosed confidentially to those attending the session, officials said.

The annual Jackson day dinner will follow the conference. Mayor Harry P. Cain, Tacoma, will be the principal speaker.

LIVESTOCK

Portland, Jan. 4.—(U.P.)—Cattle 1900, calves 125; slow; steers steady; medium fed steers \$13.75-14.75; cows and heifers slow; steady to 25c or more lower; fed heifers held above \$14.00; medium-good beef cows \$9.00-11.25 and above; bulls \$10.00-11.50; good-choice vealers \$14.50-15.50. Hogs 1500; steady; good-choice 180-220 lbs. \$14.85-15.00; feeder pigs \$14.75-15.00; good sows \$12.50. Sheep 1100; fed lambs 25-50c higher; five decks at \$15.00; good truckers \$14.00-14.25; few feeders \$11.00; good ewes \$7.00.

South San Francisco, Jan. 4.—(U.P.)—(USDA)—Cattle 200, Active, 25-50c higher; two cars medium to good 900-950-lb. steers \$14.25-14.75, new recent high; desirable range she-stock scarce, mostly local dairy bred cow run, about two loads \$9.25-9.35, odd cutters \$8.00-8.50, canners \$7.00; medium bulls \$10.00-10.50, few head \$11.00. Calves 15. Steady; choice vealers \$14.00. Hogs 250. Around 15c higher; bulk 190-235-lb. barrows and gilts \$16.00; new recent high top, half car medium 37-lb. feeder pigs \$16.00, half loads good 35-40 lbs. sows \$14.00. Sheep 1500. Largely California medium pet lambs, several decks \$14.75; package wool ewes \$7.00.

Chicago, Jan. 4.—(U.P.)—(USDA)—Livestock opening: Cattle 200, Active, 25-50c higher. Good and choice 160-300 lbs. \$14.25-14.90; bulk good and choice 350-550-lb. sows \$13.75-14.70. Cattle 15,000; calves, 800; fed steers and yearlings steady to weak; good choice grades steady; top \$16.00 on 1900-lb. averages; best yearlings \$16.50; bulk \$13.50-15.00; medium bulk heifers \$12.50-14.50; top \$15.75. Sheep, 7,000; fat lambs opening steady to weak with Thursday average; good to choice woolled lambs \$15.40-15.75.

Portland Produce

Portland, Jan. 4.—(U.P.)—Wholesale prices: Live poultry—Selling prices by receivers: Pekin ducks, cold, colored, 25c lb. Peas—Medford Bosc, \$2.50; Comice, \$2.50. Celery—Southern celery, \$5.00-6.00 crate. Lettuce—Imperial, 4c, \$5.25 crate. Onions—Oregon dry, \$1.65; Idaho large, \$1.70; Yakima, \$1.64 50-lb. bag. Potatoes—Cash and carry prices: Klamath, \$3.02; Malin, fancy, \$3.02 central; Yakima, 12-97; Deschutes, \$2.97 central. Country meats—Selling price to retailer: vealers, good, heavy, 10-20c lb.; rough, 17c; heavy fancy, 20c; lambs, 23c lb.; ewes, good, 12-15c lb. Hops—Contracts seedless 70c lb., seed 65c lb.

Chicago Wheat

Chicago, Jan. 4.—(U.P.)—Wheat: Open High Low Close May 1.39 1.39 1.38 1.39 July 1.39 1.39 1.38 1.39 Sep. 1.40 1.40 1.39 1.39

Wall St. Report

New York, Jan. 4.—(U.P.)—Stocks advanced in the first full session of the new year today, while volume fell off from last week's pace.

The industrial average reached a new high since Oct. 25, 1941, and the average for 65 stocks—30 industrials, 20 railroads, and 15 utilities—made a new top since Nov. 6, 1941. The utility average rose for the seventh consecutive session and was within a small fraction of the 1942 high made on January 7. The rail average moved up but was below wits 1942 top.

ACCIDENT GIVES SUBSTITUTE FOR SPONGE RUBBER

New Product Born When Kettle Boils Over During Experiment in Laboratory

By William McMenamin
United Press Correspondent
Chicago.—(U.P.)—Because a kettle boiled over accidentally, a surgical dressings manufacturing company announced today, the nation has a new substitute for sponge rubber that can be produced from waste farm products and used in tanks, airplanes and other war equipment.

Two chemists in the laboratories of Bauer and Black, surgical dressings manufacturing company, were seeking a substitute for rubber as an adhesive in adhesive tape. They combined a resin developed by the Northern Regional Laboratory for the U. S. department of agriculture.

Kettle Foams Up
Upon combining the resin with an acid and attempting to vulcanize it in a kettle with other chemicals, the contents foamed up out of control.

They succeeded in controlling the foam and the new rubber substitute was the result, the company disclosed today.

R. A. Whidden, company president, said he believed the new product would do much to relieve the drain on the nation's dwindling rubber stock pile.

Whidden said the new sponge rubber substitute, as yet unnamed, can be used to line tanks, pad airplane cockpits, pad helmets, fill seat cushions, and make deicers for airplane wings and mattresses for hospitals.

After the war the product will be used for general civilian production replacing the natural sponge rubber.

Whidden presented the product to the war production board in Washington and announced it could be used by any company manufacturing for the war effort free of royalties. Peace-time use in the post-war era was reserved by Bauer and Black.

Beans and Corn Used
The discoverers of the new product, Dr. Marguerite Naps, 29, red-haired chemist from Milwaukee, Wis., and Dr. H. M. Strong, said the resin was derived from soybean and corn oil. They said by controlling the foam they can control the density and resilience of the substitute rubber.

P. F. Ziegler, director of the company's research department, said tests indicated the new material looked and reacted almost exactly like natural rubber. It is slightly inferior to rubber in flexibility and compressibility at normal temperatures, he said, but at lower temperatures is superior to the natural product.

Ziegler said the product absorbs more water than sponge rubber and can be easily vulcanized to metals, plastics, or wood. It doesn't age as rapidly as natural rubber and resists acids and gasoline better, he said.

SACRED HEART ON APPROVED LIST OF HOSPITALS IN U. S.

Despite depleted staffs, curtailed supplies, increased expenses and heavy demands for service, hospitals of the United States and Canada have accepted war conditions as a challenge and are as a whole maintaining high standards according to Dr. Irvin Abell of Louisville, Ky., chairman of the board of regents of the American College of Surgeons, in announcing that the 25th annual list of hospitals approved by the organization includes 2,989 institutions, an increase of 116 over 1941.

Out of this number were 29 Oregon hospitals and clinics, including Sacred Heart hospitals in Medford. Fifteen of the approved institutions are in Portland.

Dr. Abell declared in his report that "great shifts of population due to new and relocated war industries, and establishment of large military encampments, have caused excessive demands for hospital service in some communities and there is increasing danger of lowered standards in the effort to care for more patients than the depleted staffs can properly serve." Alleviation factors listed were the volunteer groups, such as the nurses' aides, discouragement of hospitalization for minor illnesses and increasing disease and accident prevention efforts.

TRAINING CLASSES FOR GIRL SCOUT LEADERS SLATED

Girl Scout council has announced the schedule for training classes for volunteer Girl Scout and Brownie leaders in the community. The classes, which will be held during the coming two weeks, are open to all women in the community who are interested in offering their service to Girl Scouting. The meetings will be held at the Girl Scout house on East Main street and women who wish to attend and have pre-school children may make arrangements for having their children cared for by telephoning 5912.

The training class schedule includes the following: Wednesday, January 6, 2-4 p. m., leaders and Brownie leaders, assistant leaders and troop committee members; Friday, January 8, 10 a. m.-3:00 p. m., bring lunch, coffee and tea to be served at noon.

Saturday, January 9, 10 a. m.-12 noon, arts and crafts; Wednesday, January 13, 10 a. m.-3 p. m., bring lunch, Brownies in morning; intermediate leaders in afternoon; Friday, January 15, 10 a. m.-3 p. m., follow-up of intermediate work in morning and senior program in afternoon.

Closing time for Classified ads 9 a. m.—Too late to classify 12:30 p. m.

W.S.C. To Dedicate Memorial Volume to Miss Ida L. Anderson

An announcement has been made by officials of the State college of Washington at Pullman that a memorial volume is to be published by the institution "commemorating the teaching greatness of the late Miss Ida Lou Anderson." Miss Anderson, who for many years was one of the college's most popular teachers of speech, for a time made her home in Medford with her sister, Mrs. Melvin R. Plaskett of 11 Highland drive, and her death occurred in Medford in September of 1941. Miss Anderson's mother, Mrs. May K. Anderson, divides her time between Medford and the family's former home at Colfax, Wash. Miss Anderson will be remembered by many former State college students now living in this district.

The Trick is To ENJOY The Beans

HIGH-DOMED philosophers—smart enough to make Solomon look like a permanent pupil of the third grade—say the gist of human wisdom is to eat beans if you can't have beefsteak... and like 'em. In four-bit words, they call this "adjusting to environment." It promotes a sound mind in a healthy body.

In these hectic war-times, "adjusting to environment" is the best way to maintain that muscle-tone and keep the old brain on an even keel. So relish your ration... work like the deuce... and roll with the punches. It's body-building. It's character-building, too. And it's the philosophy Standard of California is going on.

We don't have to tell you how fantastically our environment has changed. But we want you to know that into Standard of California's new job of serving tanks instead of pleasure cars, soldiers instead of tourists, war instead of peace, we're putting more enthusiasm, more drive, than we ever knew before.

Standard foresees the duty of having a sound mind in a healthy body—same policy implemented by firm organization—when peace returns. Even as it needs them now, the country will then need business institutions able to re-adjust without getting the flutters or the nervous colicwobles. For this, our all-out adjustment to war is keeping us in training.

Standard Oil Company of California



KITTY KNOWS WHAT'S GOOD!

Kitty knows that wartime meat rationing will mean more milk in her diet. Milk in YOUR diet will keep YOUR hair glossy, your muscles supple, your nerves steady on the job. We even predict you'll purr!

Snider's

GRADE "A" Pasteurized MILK

MAC'S FISH FRY

213 West Main St.

CLOSED DUE TO ILLNESS IN FAMILY

WILL RE-OPEN ABOUT FRIDAY - JANUARY 15



We will not compromise with QUALITY

THE QUALITY of a fine beer, such as Bohemian Club, can be insured only by the exclusive use of choicest ingredients, painstaking brewing and slow, careful aging.

The Bohemian breweries has always brewed but one beer—a true, Bohemian Type Lager—and this brewery took steps years ago to protect the quality and maintain the character and uniformity of its product by importing rare Moravian barley seed and its own strain of seedless Bohemian hops to be grown on our fertile Northwest farms.

There is now an exceptional and almost unprecedented demand for Bohemian Club Export Lager but, no matter how great this demand may become, not one day will be taken from the careful aging required to produce its distinctive flavor and pleasing mellowness.

If, despite all precautions we have taken, priorities and man-power problems should create a shortage of our supplies of premium barley and hops we will never substitute less choice or less costly ingredients. We Will Not Compromise With QUALITY!

Bohemian Club
Export Lager Beer
BREWED BY BOHEMIAN BREWERIES, INC., SPOKANE

McDonald Candy Co., Distributor

Phone 2550