

New Device Used In Plane Recognition

Ability to identify planes in one-fiftieth of a second or less is the basis for recognition training of all Navy fliers, it was revealed here today with announcement that a peacetime General Electric development has taken war job inside of the Navy's new "flash projector."

The "projector" is a portable, electrically timed film strip projector which flashes images of planes and ships, friendly or enemy, on a screen. The images are viewed from various angles, for a split second, as a training procedure to teach pilots to make quick decisions in combat.

When Naval Personnel begin aircraft recognition courses, the length of time the projector's image remains on the screen may

be set for several seconds. Eventually cadets must identify correctly images which appear for only a fraction of a second.

One of the Navy technicians who developed the projector, Lieut. Alston Rodgers, USNR, before the war was division engineer for the G-E lamp department of Los Angeles. Lt. Rodgers combined a G-E timing circuit originally used for regulating equipment for welding lamp bulb filaments with an electrically-operated shutter. And soon the "flash projector" evolved, using an ordinary 60-watt bulb as a part of the timing circuit.

The projector is the size of a small suitcase, and 1600 images are contained in 100 feet of 35 millimeter film on a spool which is a little larger than a package of cigarettes. When the operator-instructor actuates a switch selecting one of three different flash intervals, the shutter opens and allows the 300-watt projector to throw an image on the screen.

It is also possible to operate a lever which holds the shutter open, if discussion of the picture is desired. A counter registers the images so that a frame anywhere on the film can be quickly positioned by means of a convenient crank. Detailed descriptions of

The library is trying to locate Volume XXIII of Catalogue of Birds, shipped from the British Museum of Natural History. If anyone on the campus received this book by mistake please notify Mrs. Sugareff, order librarian at the library.

each picture are listed in a loose-leaf binder carried in the cover of the case.

Nat'l Farm, Home Hour Changed

The National Farm and Home Hour, for more than 16 years a nation-wide broadcast carrying important agricultural information to rural people, is to be radically altered, according to information to Acting Director J. D. Prewit of the A. and M. College Extension Service from M. L. Wilson, national director of Extension work, Washington.

Effective June 19, the Department of Agriculture and the War Food Administration will be dropped from the format except on Saturday. The Saturday program

will be continued under the present name, and a five or six minute period will be available to the Department for farm news or speakers. A similar period will be available for homemaker information, Prewit was advised. One feature of the present program, the Friday Victory Garden broadcast, will continue through July 28 and then be dropped.

The name of the program Monday through Friday will be changed to "The Homesteaders." It will be conducted without the Department's participation by a master of ceremonies who will give about three minutes of farm news which the network will gather on its own initiative, along with items of special significance or importance furnished by the Department of Agriculture.

From the beginning of the program, Director Wilson said, the Extension Service found the Farm and Home Hour an invaluable aid in keeping farming people informed on agricultural measures and facts of vital general import. For 15 years, important phases of 4-H Club work as carried on by 10,000,000 past and present 4-H members, have been broadcast on this program the first Saturday of each month. For several years a similar program was broadcast for and by rural women taking part in home demonstration work.

The National Farm and Home Hour is broadcast 11:30 a.m. to 12 noon, Monday through Saturday, by a national chain, and carried by several Texas stations including those at El Paso, Amarillo, Austin, Waco and College Station. Explaining the reason for the alteration, the broadcasting company said that too many city listeners are not interested in the program in its present form because of so much farm emphasis.

Club of Richmond, Fort Bend County, disposed of 1,890 pounds of waste paper which they had gathered from their own and the homes of neighbors as a phase of their war work. The transaction added \$13.35 to their club treasury.

Paralleling this, members of the Eagle Lake and Glidden clubs of Colorado County searched out over-age fountain pens in their communities. The Eagle Lake girls publicized their campaign with homemade posters in store windows and placed collecting boxes inside the stores. The final count totaled 95 pens. The Glidden Club members made a house-to-house canvass and resurrected 30 pens more or less out of service. Salvaged pens are reconditioned at Houston and distributed to soldiers overseas.

LOUPOT'S

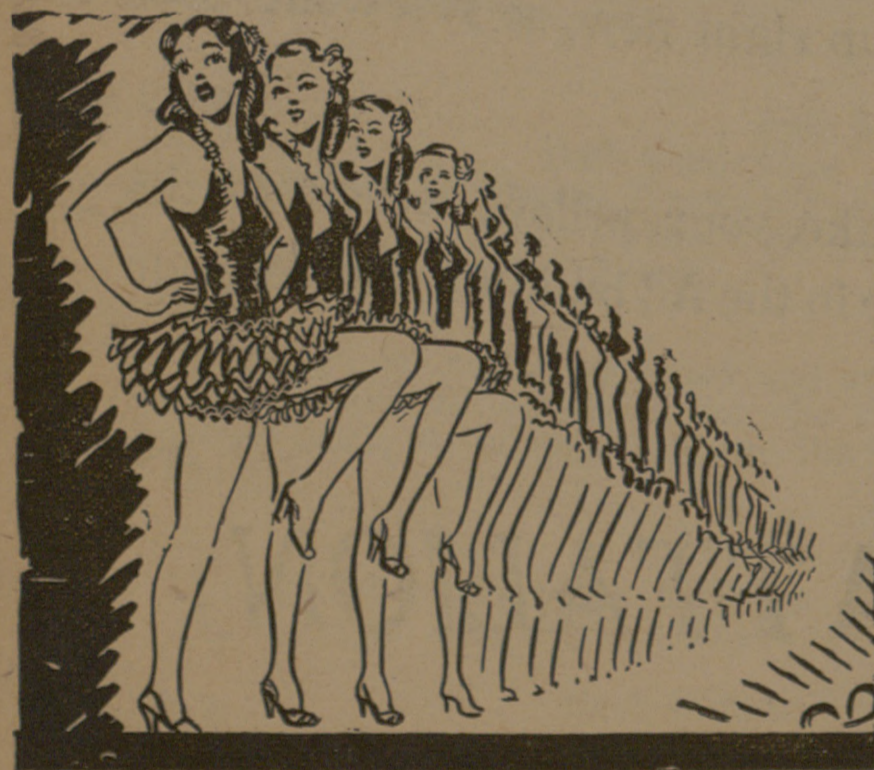
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GUION HALL THEATRE



TUESDAY, JUNE 13

TWO FREE SHOWS



7:00 p.m. For All Servicemen and Students

9:00 p.m. For College Faculty and Residents of College Sta.

Extensive Service Nutritional Report

Increased war-time use of mineral oil in salad dressings, salted nuts, potato chips and doughnuts may have serious nutritional consequences.

This concern is expressed by Hazel Phipps of the A. and M. College Extension Service who cites nutrition research at state experiment stations which have shown that mineral oil robs the body of at least two of the fat-soluble vitamins necessary to health and also of two important minerals, calcium and phosphorus.

The American Medical Association also has issued a recent warning against indiscriminate use of mineral oil, Miss Phipps says. The AMA statement says prolonged use of mineral oil can interfere seriously with the absorption of Vitamins A, D, and K by the body.

The specialist in food preparation explains that because doctors sometimes recommend mineral oil for special diets, apparently many people prescribe it for themselves.

4-H Club Girls Do Large Salvage Job

Members of girls' 4-H clubs in Southeast Texas don't wait for "drives" to keep salvage collections rolling. Recently the members of the Jane Long Junior 4-H



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