

Do You Know?

Lack of *iron* in early life of swine is the forerunner of many of the infections to which they are subject.

Modern *face powder*, in addition to coloring and perfume, includes substances such as kaolin, talcum, starch, siliceous earth, zinc oxide, zinc stearate, titanium oxide and magnesium oxide.

The *wild cabbage*, a plant of the French invasion coast and other places in the western edge of Europe, is the reputed ancestor of the many forms of cultivated cabbage and kale.

Nearly 20,000,000 *fur-bearing animals* were taken in the United States and Alaska during 1943; the fur catch was worth approximately \$100,000,000 to the trappers.

A *Danish mechanic* made his first solo flight in a stolen German plane and was shot down over Sweden, only slightly injured, where he is now treated as a civilian refugee.

Several hundred American *muskrats*, imported from the United States into Siberia in prewar days, acclimated quickly and their offspring have furnished tens of thousands of skins for Russia in the past few years.

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to destroy, to blow things sky high. There is plenty of chance, too, to hate and to kill. There is also building in war—construction of bridges, barracks, machines. But war is mostly a business of destruction. In the service you may have had plenty of chance to be a fighter, but mighty little to be a lover. No man's life is complete without a chance for both.

And so soldiers and sailors often go home to "gang plank" weddings and some don't even wait to get home but marry in foreign lands. It is mostly a strong need that impels them, and the reasons that their minds figure out may not be the really important one.

And the need is not one simple urge, but many of them tied together. You need marriage because when you are married you find satisfaction for your tender desires. But you also need marriage because it is permanent—it means the end of running around, of uncertainty and change. You want to strike roots.

And you may want marriage because you have a need to father children whether you ever realized it or not. You want new life to come into being bearing your likeness. That is the only way you can survive beyond your allotted years on this earth. It is your hope for immortality among mortal beings.

Not every soldier and sailor will return home and immediately find the right girl and get married. Some will not be able to marry or, if they do marry, will not be able to find happiness in it. For some a long period of adjustment may be necessary before they can be reasonably sure of being a good husband.

If you happen to be one of these, you won't be alone. There are understandable reasons why war experience should make it harder for some men to find and keep a wife.

Science News Letter, February 17, 1945

AERONAUTICS

Glider Carries 16 Men, Designated as the CG-15A

➤ A GLIDER with a nose that opens like a giant mouth is one of the youngest members of the Army Air Forces family of motorless aircraft. The result of more than three years of research, the new glider has a strongly reinforced nose section, clipped wings, and landing gear with improved shock-absorbers.

Designated as the CG-15A, it will accommodate 16 men, including pilot and

co-pilot, and an alternate two-ton load of rolling mechanized equipment. Design changes increase the useful load of the glider 500 pounds over previous similar models, "up" the towing speed from 150 to 180 miles an hour, and provide better crash protection for the crew.

Built by Waco Aircraft Company, the CG-15A has a high-wing fuselage formed from steel tubing and covered with cotton fabric. The wings and tail surfaces are made of wood. It has a wing spread of more than 62 feet and an overall length of more than 48 feet.

The nose of the new glider is one of its most outstanding features. Sealed with clearvision panels, it affords greater visibility and more convenient controls. Reduction of power required to tow the glider at speeds exceeding 100 miles an hour was made possible by clipping 20 feet from the wing-span of the earlier model, the CG-4A.

The predecessor of the CG-15A, the CG-4A, spearheaded the invasions of Sicily, Normandy, Holland and Burma, and set a pattern of achievement as well as one of construction for the new glider.

Science News Letter, February 17, 1945



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