

Mosquito Boat Is Deadly Craft

Speedy, 70-Foot Vessels
Are Not Vulnerable
To Torpedoes.

NEW LONDON, CONN.—A tiny armored sea sled, which skims over the water at 50 miles an hour, presenting an almost indestructible target as it smashes at the enemy with torpedoes, depth charges and anti-aircraft guns, may become one of the navy's most efficient and deadly fighting units.

Officially, these sleds are known as "mosquito boats." They are 70 feet long, of shallow draft that permits their safe passage through mine fields and makes them invulnerable to torpedoes, and are the modern version of the destroyer that is now more heavily armed than the light cruiser of 30 years ago.

Two dozen of these boats are being built by the Electric Boat company for the navy. They are similar in pattern to those used by the British for channel and coastline defense.

Has Four Torpedo Tubes.

The American "mosquito boat" mounts two 21 or four 18 inch torpedo tubes on its deck, has two anti-aircraft guns, at least six depth charges racked over the stern, is equipped with smoke screen apparatus and is the speediest and most maneuverable boat afloat.

It has a cruising range of 700 miles at 44 knots; 1,200 miles at 20 knots, and more than 2,000 miles at 9 knots. It is so easily handled and perfectly balanced that it can counteract over its original course in slightly less than 15 seconds—about the same amount of time it takes a destroyer to begin a turn.

The "mosquito boat" can accelerate from 8 to 40 knots within 8 seconds, and reduce speed from 40 to 3 knots in 3 seconds. The quick acceleration is made possible by having the forward speed lift the boat bodily from the resistance of the water. When the speed is reduced, the vessel settles back into the water and comes to a quick stop.

Can Side-Slip Like Plane.

Navy officials believe the small craft virtually immune from aerial bombing and machine gunning, inasmuch as it is the only boat ca-

pable of duplicating on water the sideslip of an airplane.

An official navy bulletin regards the new "hit-and-run" ship in this light: "These so-called 'mosquito boats' have a sting out of all proportion to their size. At a fraction of the cost, they carry the same deadly weapons as their larger counterpart, the destroyer. Without unduly stretching the imagination—given the time, the place and the opportunity—if two torpedoes will seriously damage a battleship, two torpedoes will certainly sink a cruiser under ordinary conditions. Because of their shallow draft, the military assets of these 'mosquito boats' are further augmented, since they cannot be torpedoed and can, for the same reason, enter mine fields without danger of contact.

"These motorboats would be just as difficult to detect as a well-hidden scouting patrol on land under cover of night or stealthily approaching behind a smoke screen. Wave after wave of these tiny boats could be sent to the enemy battle line, each succeeding wave laying a chemical smoke screen to screen the boats following."

Glass Wings for Planes



A mechanic using a blow torch demonstrates how the wings of a light plane have been rendered fireproof with a covering of woven fabric which replaces ordinary cotton or linen fabric. The glass fabric has the added advantage of being non-shrinkable, non-stretching and rot-proof.



WHEN OLD MAN COYOTE WAS CARELESS

It's not enough to simply know
What to do or not to do;
It's doing or not doing it
The good or evil brings you.

SAMMY JAY always had known this, but he never realized how very true it is until he heard Old Man Coyote's story of the trouble that a little carelessness got him into. Old Man Coyote had admitted to Sammy that the reason he had not stayed in the great, wide, wonderful west where his home had once been,



"Snap! There I was caught by one front leg!"

and which he now seemed to think was so much better than the Green Meadows, because he had been caught in a trap and taken away against his will. It was hard work for Sammy to believe that, for hadn't he seen Old Man Coyote find and dig up all the traps set by Farmer Brown's boy, traps so cunningly hidden that they would have caught anyone else of whom Sammy could think?

Old Man Coyote saw right away how hard it was for Sammy to be-

lieve that that was true. It flattered him. Like most people he enjoyed having his neighbors think him smart. But something inside him urged him to tell Sammy the truth, even though afterward Sammy might not think him so smart.

"I was careless," said he. "I knew about traps. Yes, sir, I knew almost as much about them as I do now, but I was careless. And that goes to show that it isn't always how much we know; but what use we make of what we know that counts. My mother had taught me all about traps. She had taken me where they were set and showed me just how to find them and dig them out without getting caught. We used to do it just for fun, and then eat the bait that was left there. I was young then and strong-headed. It is a bad thing to be strong-headed!" Old Man Coyote shook his head mournfully. "After a while I thought I knew it all," he continued, "and that I hadn't anything to learn. Having learned all about traps, excepting how they felt, and that I had no desire to know" (Old Man Coyote grinned as he said this) "I wasn't afraid of them, and used to laugh at the man who set them. The more he tried to catch me the more I laughed at him. I could always tell when he had a gun, and I knew just how far it would shoot. When he had that with him I kept out of his way, but when he didn't have it with him I used to just barely get out of his way.

"Then one day he came after me with a dog, a dog with the longest, slimmest legs I ever did see. My, how that dog could run! I had thought I could run faster than anybody else, but when that dog started after me I began to think that I couldn't run at all. Not that I was afraid. Oh, my, no! All I wanted was to get beyond the reach of that terrible gun and then I would take care of that dog and fix him so that he never would run after another coyote. But when he caught up with me he wouldn't fight. Being faster than me he kept out of my reach, but the minute I tried to run he was at my heels, snapping and making me think he was going to jump on me from behind. So every few minutes I would have to stop and try to make him fight. All the time his master with the terrible gun kept getting nearer and nearer.

"By and by I saw that the only way I could get rid of them was to go into my house, and so I started for there so fast that that dog didn't have time to do any snapping at my heels; it took all his breath to keep up. Now I was so busy trying to keep an eye on that dog that I forgot all about traps, and yet I knew that there were some set around my home. It was just carelessness, plumb foolishness, that led me straight into one of them. Snap! There I was caught by one front leg! Of course, it hurt dreadfully and frightened me more, and I danced around. Snap! Another trap had me by the hind leg! Carelessness, nothing but carelessness, that took me away from my old home in the great, wide, wonderful west."

Old Man Coyote sighed, and Sammy Jay waited in vain for him to speak again.

(Associated Newspapers.)
WNU Service.

Radio Election

Radios broadcast presidential election returns for the first time in the Harding-Cox election in 1920.

Wooden Guns to Aid In Training Students

OXFORD, OHIO.—Wooden firearms of the World war again are to be used to train students at Miami university.

More than 20 years ago students in the industrial arts department of the university made a quantity of the guns, which were temporarily used for World war training.

Minute Make-Ups By V. V.



WHEN you've completed your facial makeup as usual, try this stunt as a final touch. Moisten a cotton wad with skin tonic and press it lightly all over your face. This "sets" your makeup and blots off excess powder. It helps give you the natural look that's so smart now. (Released by Western Newspaper Union.)

Streamlined!



Inventor Joseph H. La Kritz of Cleveland demonstrates his streamlined baby pants—pinless, non-skid diapers. He claims that even a rank amateur can adjust the pants. Surgical rubber inserted at the strategic spot makes the diaper soak proof.

Hitler Holds His Place

In British Who's Who LONDON.—The 1941 British Who's Who, still lists Adolf Hitler among its 40,000 "men and women most in the public eye today."

Although no one here can telephone him because of the censorship, the book reveals his telephone number is still 11 6191. His addresses are listed as Wilhelmstrasse 77, Berlin, W8, and Obersalzberg, Berchtesgaden, Bavaria.



ARCADIA, CALIF.—Santa Anita's \$3,000,000 plant opened one recent Saturday with its million dollars in prize money and some \$40,000 waiting for the mutual win-



Grantland Rice

topics of interest you run across out this way are the following:

1. How or where can they dig up a horse which can prevent Challedon from cracking Seabiscuit's all-time money record with so much gold to shoot at?

2. Will there be truer racing form in the wake of the recent jockey scandal when so many alert riders were located in the pay of crooked gamblers, who had no trouble picking winners in advance?

This latter system gives the picker, on the inside, a great chance for a mop-up. The main idea is that he can't miss, which is at least financially sound. So those who are on the outside, meaning only 99 per cent, who were badly stung, are now waiting to see what will happen.

Which means that beaten favorites, even those beaten on the straight level, will be regarded with deep suspicion unless the normal average above 35 per cent is maintained.

Around the East this favorite average was dropping down to something like 25 per cent or less—or the size of your hat. Don't think the East was any too pure.

This Jockey Stuff

I can say this much. In Jerry Geisler, California has one of the best and smartest chairmen of a racing commission the sport has ever known. He is both completely honest and just as able.

With sportsmen such as Carleton Burke and others on the lookout, Santa Anita has built up every known precaution against cheating. It will take an extra shrewd manipulator or an extra clever jockey to open some new form of cheating.

There is nearly always chiseling in racing, wrestling and the fight game. They just happen to be built along those lines, in so many ways. It's a vital part of the trade—like politics.

It so happens that racing has the widest gap of all—the drop from such sportsmen as Al Vanderbilt, Carleton Burke, Charles Howard, Bill Boing and many others to jockeys and a few trainers, who happened to be lured by the fragrant odor of easy, if tainted, cash.

Racing is a thrilling sport. On the average it carries far more thrills for those who have \$2 across or \$10 on the nose, than any other sport.

It is no way to make any money. Anyone who thinks he can beat 12 per cent is what you might call comical in the cupola. Ask Colonel Bradley about the extreme difficulties of beating 5 per cent at roulette. Or even a steady 4 per cent.

But as long as the men and women, the boys and the girls, like to have their whirl, why try to stop them? You can't, anyhow.

Back to Santa Anita

Doc Strube, general manager of the Santa Anita track, figures this will be his best year. He has a flock of purses that run from \$10,000 to \$100,000, including several \$50,000 tests. This naturally has brought out a full share of the best horses, in an off year.

They have brought in crack thoroughbreds from all over the bombed and unbombed world to run for all this money, including three of England's best. St. Andrews II from the British Isles has run the mile and a quarter in 1:59.9, which is motorcycle time.

But the shadow of Challedon, the Brann Blaster, the Maryland Special, still hangs over Kayak II, Mioland and others now pointing for the main swag.

The 1940 opening was technically or officially known as a gala event, wherein a flock of motion picture stars shared the spotlight with good horses and more than 3,000,000 flower blooms, not including orange groves shadowing the rim of the track.

Inspiring as these flowers, mountains and orange groves are to argus-eyed tourists, they are merely incidental to most of the fans who come here to watch the horses.

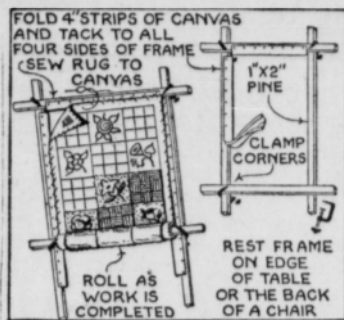
Track Surroundings

I could tell you again about the snow-capped peaks that hover over the tropical blooms around the track, where they can handle 60,000 spectators without too much crowding.

I could write more about Bing Crosby, Louis B. Mayer, Loretta Young, Pat O'Brien, Joe E. Brown, Guy Kibbee—in fact, about all the beauty and chivalry, all the glamour and oomph of Hollywood, which I can tell you is strictly unimportant to those trying to win a few bets.

HOW TO SEW

by Ruth Wyeth Spears



TWO of the nicest hook rugs I have were made without a frame. Many rug makers like to work this way so that they may turn the work as they do different parts of the design. Then, too, whenever rug hookers meet there is sure to be an exchange of treasured bits of colored fabrics. In no time at all a rug making group is meeting and it is difficult to carry a frame when one goes visiting. It is often difficult to find space to put a frame away in a small house or apartment, too.

You can see by this that I rather favor working without a frame though I know perfectly well that it is more efficient to work with one. Almost all professionals have frames that rest on a permanent base. I have sketched here the type of frame that most amateurs use. You can buy the corner clamps at the hardware store and put the frame together quickly. It may be the size of your rug or smaller. If it is smaller, just part of the rug is stretched on the frame at one time.

SEWING Book 5 tells you exactly how to prepare the burlap for a hooked rug like the one in this sketch and gives much other valuable information on rug hooking. There is still another hooked rug design in Book 6; also a braided and a crocheted rug. Send order to:

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ASK ME ANOTHER?

A Quiz With Answers
Offering Information
on Various Subjects

The Questions

1. What is the population of Greece?
2. What standards are used by the Bureau of the Census in computing the number of illiterates in the country?
3. Under what conditions may a private in the U. S. army wed?
4. What does a panegyric piece of writing do?
5. "Now God be praised, I die happy" are the dying words of what general?
6. President Andrew Johnson escaped impeachment by how many votes?
7. Does the moon, when it is half full, shed half as much light on the earth as it does when it reaches the full stage?
8. Which is the world's largest flower?
9. Of sheep, cattle, deer, antelope, goats and swine, how many of them are cloven-hoofed animals?
10. How much horsepower is developed by the hydroelectric plant at Niagara Falls?

The Answers

1. The population of Greece is 6,204,634.
2. The Bureau of the Census rules that any person 10 years of age or older who cannot read or write in any language is an illiterate.
3. With his commanding officer's permission.
4. A panegyric piece of writing elaborately praises.
5. James Wolfe (after his victory at Quebec).
6. One. The vote was 35 to 19; a two-thirds majority was necessary for conviction.

7. No, a half-full moon sheds only about one-ninth as much light on the earth as one that is full.
8. The krubi which grows in Sumatra and takes 12 years to bloom. It is over 8 feet high and 12 feet in diameter. It is bell-shaped and has a disagreeable odor.
9. All of them.
10. At present over a million horsepower is produced, and experts estimate that the volume of water which pours over the precipice could develop over 3,975,000 horsepower, or nearly one-tenth of the power needs of the United States.



Evil Thought

Multitudes think they like to do evil; yet no man ever really enjoyed doing evil since God made the world.—Ruskin.



Passing Splendors
The splendors that belong unto the fame of earth are but a wind, that in the same direction lasts not long.—Dante.

Tames a Dangerous Zebra



Success crowned days of painstaking effort when keeper Michael Quinn finally rode his two-year-old zebra at the Bronx zoo. Quinn had sworn to break a zebra to the saddle after his father, a keeper at the zoo for 40 years, had been bitten to death by one of the striped animals. Tony Gentry is leading the zebra.

MIGRATORY LABORER'S CAMP TO BECOME MODEL VILLAGE

PORTERVILLE, CALIF. — The Woodville Migratory Labor camp—California's sixteenth—will be a model village.

The project is eight miles west of Porterville on the Woodville highway. Approximately 85 acres of a 160-acre plot purchased by the government for the project will be utilized during the first stages of its development.

Plans call for a model village, sol-

idly constructed and beautified with flowers, shrubs and trees. The streets will be oiled, a sewage system installed and water piped to every home.

The homes in the permanent residents' area are to be on large lots so tenants will have space for a garden, chickens and a cow.

The camp will be under the supervision of a resident manager. Homes in the permanent camp are to be

rented for a nominal sum with residence restricted to agricultural workers and their families.

A school has been included as part of the housing project, also a store building, supplying the ordinary camp needs, and a community center building, with a stage, intended as a recreational center.

The project calls for 381 migrant shelters, segregated from the permanent camp homes. The migrant

shelters are to be simple in construction.

A child clinic, checking building, workshop and garage also are planned.

A tenant who defaults on rent will be barred from other migrant camps. Rent paying has been conducted on an honor system in California migrant camps for there is no way of collecting in default from migrants.



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