

Home-Made Glider Sets New Record

\$5,000 Offered for the First Glider to Fly Across Channel

The newest sport—and the most fascinating and exciting—in England, is gliding, or flying in motorless planes. Gliding experts are the real bird men. They develop the perfect air sense, which enables them to take advantage of every favoring current of air, to adjust themselves to every changing condition, and to remain aloft for periods which seem unbelievably long when you remember that their planes are without engines.

Considerable distances have been covered in gliders, and the \$5,000 prize which has been offered for the first all-British glider, flown by a British pilot, which crosses the Channel before May 31st, 1932, will probably be won well within the time limit set.

Flights like this would have been out of the question some time ago. The primitive glider made only the very shortest of flights, and was in the air for minutes or seconds, while the modern craft stays up for hours. It was calculated that Otto Lilienthal, the gliding pioneer, was only in the air for about five hours in all his five years of experiment.

Paid With His Life
For that five hours in the air he paid with his life. He was killed in 1895 as the result of a gliding accident.

Gliding, of course, was not a sport then—it is only recently that it has become so. In the 'nineties it was deadly earnest and deadly dangerous. An Englishman, Percy Pilcher, who had seen Lilienthal in the air, continued his experiments and built a number of gliders.

He got very little encouragement. He was called a madman, and accused of flying in the face of Providence. When he, like Lilienthal, paid the supreme penalty of the pioneer, there were plenty of people who probably thought that it "served him right."

Pilcher was killed in 1899. Four years later an event occurred which changed the history of the world. Orville Wright made the first flight in a power-driven aeroplane.

The machine which the Wrights invented was only made possible by the gliding experiments which had preceded it. The famous brothers started where Lilienthal and Pilcher had left off, and they made a large number of gliding flights, and experimented with different types of glider, before they embodied in their first power-driven aeroplane all the knowledge they had gained.

Today gliding still throws light on many air problems, and it provides the finest possible school for an air pilot. But a great many of those who take it up regard it mainly as a sport, though a sport which necessitates a very careful study of meteorology.

Riding the Thunderstorm
For instance, the capacity to soar in a glider depends on knowledge of weather conditions and how to utilize them. Soaring is only possible where the glider encounters a rising current of air, and uses it to counteract the normal tendency of the glider, which is slightly downwards.

Herr Kronfeld, the German expert, who came to England to show British gliding enthusiasts the possibilities of the new sport, is a master of the art of using such currents of air. He has even been known to take advantage of a moving thunderstorm, soaring in front of it.

Some of the gliders in use to-day are fairly expensive; others cost remarkably little. Some may even be home-made. One gliding expert, a schoolmaster, set up a record by remaining in the air for eight and three-quarter hours in one of these home-made gliders. Broomsticks were largely utilized in its construction, and the pilot's seat was made from a lard tub lid.—Answers.

Cuba to Have Rural Schools in Farming

Havana, Cuba—Cuba will establish a system of rural schools throughout the Republic which will make a feature of farming courses in varying types to meet the needs particularly of the sections in which they are to be built. Thus in those sections where sugar cane constitutes a greater part of agricultural production, particular effort will be made to give the students a broad course in that field.

The new system will open up new avenues of opportunity for the Cuban ruralist and agriculturalist and is regarded here as a forerunner of increased development in the farming industry generally, and particularly in the Government's crop diversification campaign now under way.

In commenting on the situation which brought about the signing of the decree, Dr. Octavio Averbhoff, Secretary of Public Instruction, pointed out that the rural schools at present are patterned strictly after those in the cities, with the result that rural school students have been left somewhat ill-equipped for the peculiar problems which confronted them on taking up life on farms.

Income Tax Inspector: "How many dependents have you?" Henpecked: "Two children and a landlord."

What letter does man drink?—(Tca) T.



CANADIAN NATIONAL EXHIBITION TORONTO

Friday, August 22 to Saturday, Sept. 6 ALL-CANADA YEAR at the world's largest ANNUAL EXPOSITION

"LES VOYAGEURS"—Brilliant, historic grandstand pageant depicting the glorious romance of Canadian development, a super-production by 1500 performers on the world's largest stage. Seats 25c, \$1.00, Boxes \$1.50.

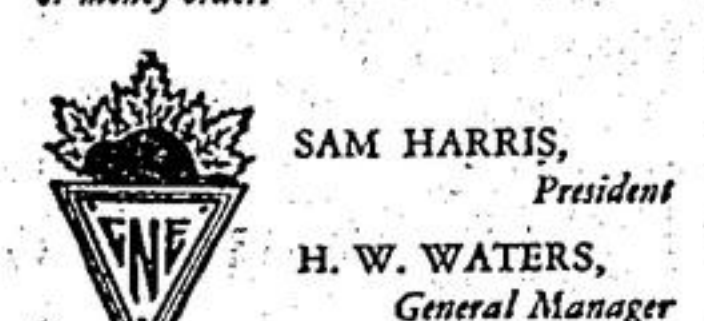
MUSIC—Thirty bands headed by the All-Canada Permanent Force Band of seventy-six skilled instrumentalists specially recruited from Canada's permanent military establishments (by special permission Department of Militia and Defence).

2000-VOICE EXHIBITION CHORUS, trained and directed by Dr. H. A. Fricker, M.A., F.R.C.O., in four concerts, Saturday, August 23; Thursday, August 28; Tuesday, Sept. 2, and Saturday, Sept. 6. Seats, 25c, 75c, and \$1.00.

SPORT—Marathon Swims, (world's professional championships) Friday, August 22 (women), Wednesday August 27 (open). All-America outboard motorboat races. International sport competitions afloat and ashore. Canada's greatest athletic meet, British Empire Games Athletes in international competitions. Trotting and Pacing races including \$5,000 Futurities.

CANADA FROM COAST-TO-COAST ON DRESS PARADE. This is your year. Arrange to come.

Reservations now being accepted for Exhibition Chorus concerts and Grandstand Pageant performances. Send cheque or money order.



SAM HARRIS, President

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72 Degrees Below Room Still Warm

You wouldn't think it possible, would you, for a man wearing quite light clothing to be perfectly warm and comfortable in a room the temperature of which was 40 or 50 degrees below freezing-point? Something of the kind is made possible to-day by means of a device known as the "fever tube," invented by Dr. Walter Witney, Research Director of the General Electric Company of Schenectady.

Dr. Witney discovered some time ago that the radiations of a special high-frequency wireless valve could raise the temperature of the human body to fever-point, though the tube itself emits no heat. Fever is Nature's own method of killing disease germs, and the tubes have already been used with marked success in treating certain illnesses.

Now comes another development. Dr. Witney suggests that whole families could be kept warm in the coldest weather if their living in rooms with metal plates embedded in the floors and ceilings. Such rooms would form condensers like those used in wireless sets, though, of course, on a much larger scale. In this way radiations from the valve would reach the bodies of those living in the room and their temperature could be regulated to the most comfortable degree.

Under the influence of the tube a person can glow with a pleasant summer warmth, though actually in an unheated room with all its windows wide open and the temperature a long way below freezing-point.

No ill-effects are foreseen from the use of this method of warming, and it may be of the utmost use in the future not only to those who live in cold climates but also to Arctic explorers and aeroplane pilots.

What is the difference between a timid child and a shipwrecked sailor?—One clings to his ma, and the other clings to his spar.

Minard's Liniment removes Warts.

A Loved Voice From Across the Equator



Twenty days of constant travel over land and sea are required to journey from Wallacetown, near London (Ontario), to Buenos Aires. Is it any wonder then that Mrs. T. L. Pearce was pleasantly excited when word came from her son, W. R. Pearce, Assistant South American Chief Engineer in Buenos Aires, whom she had not seen for two years, that at one o'clock on her birthday he would speak to her over the long distance telephone.

The eventful moment arrived and Mrs. Pearce heard her son's voice over

the wire as easily as if he were a few miles away. When she was able also to speak to and receive greetings from her little granddaughter her cup of happiness was full to overflowing.

Just another incident of a family reunion by means of the telephone, but oh, what pleasure to all concerned! The practice of keeping up the ties of home and friendship by long distance telephone is growing with remarkable rapidity because of the convenience, ease, and low cost of the service.

Championship Ring Is Felt-Padded

When Primo Carnera stepped into the ring to face Godfrey, the giant negro fighter, the other day, the roped "ring" groaned under a total weight of thirty-six stones. It had to be specially strengthened for the occasion!

There is quite an art in ring construction. The arenas used in the big fights are usually on a frame of steel beams, set a good distance apart from each other to make the floor springy.

But they are strong, too, sturdy enough to bear not only two Carnera-sized men, but enough people to occupy every foot of the floor space! This strain is carefully worked out.

The reason for it really only applies to American arenas, where excitable fight fans sometimes invade the ring and stage a free fight when the referee's verdict displeases them.

Taking the Bump
On top of the steel frame is the board floor, covered with canvas; but so that even Carnera could not injure himself seriously by hitting it at high speed, an American ring builder, who has a big factory near New York, invented a felt pad with pneumatic pockets to go under the floor canvas. This takes the worst of the bump.

The corner posts are braced with steel wires, and if you look closely at the ropes, you will see that they are swung in a rather curious way. The bottom rope is set back from the top two by an inch or so.

This gives a fighter who has been rushed against the ropes a little extra room for his "rear" leg, and saves him from overbalancing and falling through the ropes.

The man who invented the shock absorber pad also devised a special water-bucket and stool for the seconds in the corner. They clamp on to the ring-post and can be swung in and out of the ring easily, saving precious time by doing away with the awkward tin bucket and wooden stool, and giving a tired fighter a few extra seconds to breathing space.—Answers.

Pale People Are In Peril

Some Form of Nervous Breakdown Always Threatens Them.

Pale people are almost always nervous. Paleness denotes lack of blood and too little blood usually results in jaded nerves, sleeplessness, headaches or neuralgia.

Dr. Williams' Pink Pills are different from most other medicines—it is impossible to take them and not feel better. Their whole mission is to make rich, red blood. This new blood strengthens the nerves and gives vitality to the whole body. Concerning them Mrs. G. Cook, Bloor Street, Toronto, says: "Two years ago I used Dr. Williams' Pink Pills for a nervous breakdown with the result that I have been well and strong ever since."

You can get these Pills from any dealer in medicine or by mail at 50 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.



"Were you ever surrounded by wolves?"

"No; but I used to open the dining-room doors at a summer hotel."

Owl Lafts

The average woman enjoys being envied even more than the average man enjoys being praised.

Apple Cider
Along about this time of year, With drifting leaves and meadows near,

When corn is standing in the shock, And wild geese flying in the flock, And bitter-sweet on stake-and-rider, All turn your thoughts to apple cider.

From out the West there comes a breeze, Across the orchard's apple trees, Which scampers up and down the hill, And steals across the cider mill.

And to your nostrils, it says "Come, The mill is running, please have some."

Is there a man who can resist The apple's juice the sun has kissed? And as you watch the pure sap drip, You linger longer than you should, For after all, what's half as good?

Jones rang the bell at the new doctor's house. The doctor's wife answered the ring.

Young Doctor's Wife—"You wish to see the doctor? Couldn't you come to-morrow morning?"

Jones—"Why, isn't the doctor in?" Doctor's Wife (wistfully)—"Oh, yes, he's in, but you're his first patient, and I'd like you to come as a surprise for him to-morrow. You see, it's his birthday."

The road hog is nobody's fool. He knows he is safe because nobody else is fool enough to risk a smash.

Do women have a sense of humor? asks one magazine. Absolutely. Otherwise they wouldn't be living with us men.

An American who speaks seven languages has just been married to a French lady who speaks four. It is felt that the bride still has a slight advantage.

A married couple have decided that for the next six years they will speak to nobody but each other. Then it will be the husband's turn to say something.

Anxious Daddy—"Quick, nurse, will it shave or paint?"

Then there was the timid gentleman who preferred blondes because he was afraid of the dark.

Pete (the cowpuncher on a visit to Bad Man's Gulch)—"Hear they got a new dentist here. How do you get along with him?"

Matt (the miner)—"Well, he turned the air drill into me, but I escaped before the fool could tamp in the dynamite."

Some one remarked that they have always believed wedding presents should also be given the parents of both bride and groom.

"If you will look to the root of most business failures," said a man, "you will find that the concern proceeded on the theory that the customer always was at fault, in contradistinction to the well known axiom that he is always right."

Nowadays an ounce of operation is more to be desired than a pound of cure.

The magician spread a blanket over the newspaper and proceeded to read through it. A girl got up and left the show, with the remark, "I can see that this is no place for a girl with a thin silk dress on."

Some men think a great deal of their heads. That's their weak spot.

"Those who tell us Christianity has failed should be asked to tell us how."—Dean Inge.

God's Dark

The Dark is kind and cozy, The Dark is soft and deep; The Dark will pat my pillow And love me as I sleep.

The Dark is smooth as velvet, And gentle as the air, And he is good to children And people everywhere.

The Dark can see and love me Without a bit of light, He gives me dreams and resting; He brings the gentle Night.

God made the Dark, so Daytime Could close its tired eyes And sleep awhile in comfort Beneath the starry skies.

The Daytime, just like children, Needs rest from work and play, So it can give us children Another happy day.

God made the Dark for children And birds in their nest, All in the Dark, He watches And guard us while we rest.

—By John Martin.

Cholera Infantum

Cholera infantum is one of the fatal ailments of childhood. It is a trouble that comes on suddenly, especially during the summer months, and unless prompt action is taken the little one may soon be beyond aid. Baby's Own Tablets are an ideal medicine in warding off this trouble. They regulate the bowels and sweeten the stomach and thus prevent the dreaded summer complaints. They are an absolute safe medicine, being guaranteed to contain neither opiates nor narcotics or other harmful drugs. They cannot possibly do harm—they always do good. The Tablets are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

Education

Education is education—development; not so much what is put in as what is got out, though, of course, there must be the putting in. Education is cultivation. It consists of two parts. Instruction—putting in; discipline—forming, drawing out—making the child use the best he has.—Dr. Fairbairn.

Have Minard's Liniment on your shelf.

Wife—"I got two maids at the registry office to-day and engaged both." Husband—"But we only keep one maid." "Yes; one comes on the first and the other on the fifteenth."

Visitor: "Is that bull dangerous?" Farmer: "Oh, no, ma'am; he's one of the sort they use for making beef tea."



What most people call indigestion is usually excess acid in the stomach. The food has soured. The instant remedy is an alkali which neutralizes acids. But don't use crude helps. Use what your doctor would advise. The best help is Phillips' Milk of Magnesia. For 50 years since its invention it has remained standard with physicians. You will find nothing else so quick in its effect, so harmless, so efficient.

Newcomers to Canada—WELCOME!

We hope you'll like it here and do well. And we invite you to try Red Rose Tea among other good things.

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"is good tea" 102

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EARN MONEY NOW TAKING ORDERS for Personal Christmas Greeting Cards. Finest line ever shown. Easy to sell. Write for particulars. Regal Art Co., 312 Spadina Ave., Toronto.

Thoughts on Friendship

Above our life we love a steadfast friend.—Marlowe.

A friend should bear a friend's infirmities.—Shakespeare.

Angels from friendship gather half their joys.—Young.

A friend ought to shun no pain to stand his friend in stead.—R. Edwards.

A man, sir, should keep his friendship in constant repair.—Dr. Johnson.

Friendship with none but equals should be made.—Chatterton.

He ought not to pretend to friendship's name, Who reckons not himself and friend the same.—Tuke.

Teacher—"Johnny, what's the difference between a battle and a massacre?" Johnny—"A battle is where a whole lot of whites kill a few Indians, and a massacre is where a whole lot of Indians kill a few whites."

Athletic People

are subject to strains and ligament displacement. Rub in a little Minard's for prompt relief.



Get Rid of Dandruff By using Cuticura Soap

Assisted by Cuticura Ointment Sold everywhere, Soap 25c, Ointment 25c & 50c.



"Do Not Hesitate to Try It"
"Your Vegetable Compound is a good medicine. Anyone who is in poor health should not hesitate to try it. When I was taking the Vegetable Compound I tried the sample Liver Pills I found in the package. I have taken them every night since and I can feel myself improving. I am so thankful for the good they do me that I have told several women about it."—Mrs. G. W. Postliff, 263 Huron St., Stratford, Ontario.

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