

Bold Early English Aeronauts Handled Frail Craft Gallantly

LONDON, (AP)—On comparison with Britain's new leviathans of the air—each as big as a trans-Atlantic ocean liner—the first lighter-than-air craft launched from English soil in 1783 would seem ludicrously small.

It was a little balloon of oiled silk made by an Italian count and was publicly shown as a great curiosity for several days before it was formally "launched" on November 25.

Ten feet in diameter and weighing only 11 pounds in all, the balloon nevertheless had thousands of astounded humans watching it until it landed, 150 minutes (not hours) later near a Sussex village 48 miles from London.

Early in the next year a still smaller balloon—five feet in diameter—was launched in Kent and came down in French Flanders, the very first balloon to cross the English Channel.

Neither of these carried passengers; but in August, 1784, a venturesome Edinburgh editor "scouted the rest of Great Britain in an aeronautical sense by ascending from Scottish soil in a balloon he himself had built. His name was J. Tytler, and his historic first non-stop flight through the atmosphere of Scotland measured approximately one-half mile.

A few days later Vincent Lunardi, another Italian, made the

MOTOR TOOL ALLOY HARD AS DIAMONDS

DETROIT, (AP)—Experiments made by German scientists during the world war in the production of a substitute for diamonds in precision instruments have been taken advantage of to provide certain tools in American automobile factories.

Developing the German experiments, American scientists have produced a material so hard that it scratches glass like a diamond and named it carbonyl. It is a tungsten carbide and has been called the hardest material ever manufactured commercially by man. Harder than the hardest of high-speed steel, its ingredients are carbon, cobalt and tungsten.

Carbonyl is used in automobile factory work to provide tips for steel cutting machinery in several precision operations. While approximating the hardness of a diamond, carbonyl is slightly less brittle and therefore does not chip so easily.

Artificial diamonds have been produced by subjecting carbon to tremendous heat and pressure, but the cost has proved prohibitive. Manufacture of carbonyl also is relatively expensive, but only a very small piece is required—just enough to produce a tip weighing six to 12 grams on a base of steel.

It is possible with the new substance to hold cutting operations to within the limits of two ten-thousandths of an inch.

PINHOLE OF SUNLIGHT
RECORDS CORRECT TIME
SYDNEY, Australia (AP)—A clock that seemingly never can register time incorrectly as long as the sun is shining upon it is installed in Sydney observatory.

Sunlight shining through a pinhole falls upon a scale, geared to hands in such a manner that they register the time on the face of the clock to fractions of a minute.

The timepiece weighs two pounds. It was built by Prof. W. E. Cooke, former government astronomer of New South Wales. He says that in several years of testing the device never has been inaccurate.

ITALY WILL CELEBRATE
GOLDEN LIGHT JUBILEE
WASHINGTON (AP)—Italy will join America in paying tribute to Thomas A. Edison on the fiftieth anniversary of the invention of the incandescent lamp when Milan begins a celebration on October 21.

There will be a week of feting, ending on October 28 with the observance of the seventy anniversary, known as the "march on Rome."

PLANES LINK WORLD
WITH LONELY RANCH

ALPINE, Tex., (AP)—The most secluded ranch in Texas, 12 miles from any town, has been linked with the rest of the country by aviation.

Elmo Johnson has established a landing field at his ranch south of the Chisos mountains. Many planes have utilized the field as a welcome oasis.

Johnson hopes aviation somehow will aid his ranch business. He raises deer which the state game department ships to all parts of Texas.

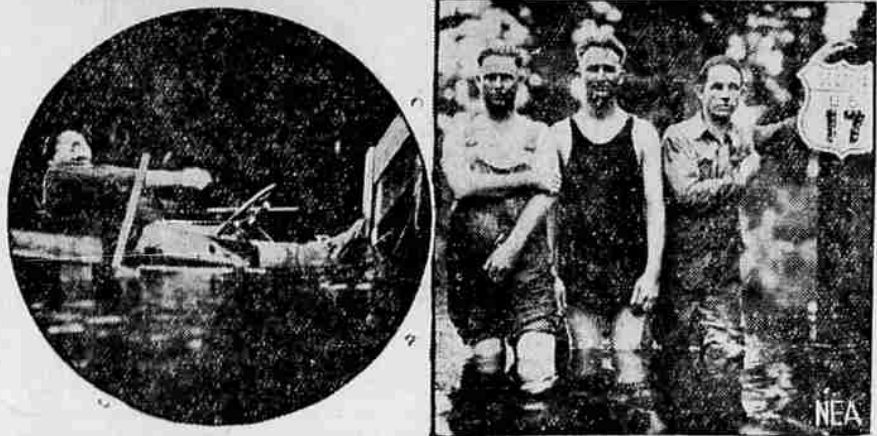
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Like greased lightning—that's the way we serve our patrons every day.

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As Fall Floods Swept Southern Georgia



Floods in the wake of torrential autumn rains caused high property damage, cut-off communications and imperiled many lives in parts of Georgia. How high waters blocked traffic on the important Coastal Highway near Savannah is shown in the picture above. In the background are skirts of Savannah as they waded through rapidly rising waters to salvage their household effects. Below, left, is a motorist who evidently got a "horn steer" when he tried to drive his car through an inundated area.

NEW YORK GETS FISH FROM LAKE IN DESERT

TONOPAH, Nev. (AP)—One of the paradoxes of the desert is a new industry established at the new naval ammunition depot at Hawthorne, 100 miles from here, where fish by the carload are shipped to New York City.

The particular species consists of monster carp that have thrived with immunity in the waters of Walker lake, a brackish formation 20 miles long never touched by white fishermen.

The demand comes from merchants who cater to Chinese and Japanese, who accept the carp as one of their national dainties. The carp are caught by Pah Ute Indians of the Schurz reservation at the head of the lake, who seine the entire length of the body of water, accumulating more than a ton at each haul.

ARMY FLIGHT SURGEONS MUST TAKE TO THE AIR

WASHINGTON, (AP)—Army air corps flight surgeons, hereafter must know, whereof they speak.

Under a new policy announced by the war department, all regular flight surgeons must receive 10 hours dual instruction on training planes and must participate frequently and regularly in flight at their stations.

The war department explained the purpose of the order was to familiarize the surgeons with actual conditions under which aviators fly. It is expected to advance the treatment of disabilities and other factors having a bearing on the health of the army flier.

TAMPA AIRPORT UP

TAMPA, Fla., (AP)—Tampa voters will ballot on a proposed

\$750,000 airport bond issue November 14. Seven hundred thousand dollars would be spent to construct an island airport off Ballast Point in Hillsborough bay and \$250,000 would be used for improvements at the present airport.

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A traveling salesman walked into a restaurant, sat down at a table, and said to the waitress: "I want two pies baked for four minutes, a steak broiled fifteen minutes, and some toast lightly browned."

"How many minutes on the toast?" said the waitress.

"No minutes," replied the traveling salesman. "Just plain butter."

Mrs. Youngbride: "Jack, those banks are frauds! Didn't you tell me that they would lend money on notes?"

Hubbard: "Certainly, dear." Mrs. Youngbride: "Well, they won't. I took those lovely ones you wrote to me before we were married, and the cashier read them and laughed, but he would not let me have a cent on them."

Clever use of face powder may catch a man, but it takes cleverer use of baking powder to hold him.

Trate Parent: "I'll teach you to make love to my daughter, sir." Young Man: "I wish you would, old boy. I'm not making much headway."

POOR MOTHER
"The street car service is rotten. Always overcrowded."

"Yes, but father, you got a seat."

didn't you?"
"Yes, but your poor old mother had to stand all the way."

A process server has said (Gloria Swanson for twenty-five thousand dollars' damages for slapping him. For half that amount she could lick us in the face.

"I want some collars for my husband," said the woman, "but I am afraid I have forgotten the size."

"Thirteen and a half, ma'am?" suggested the shop assistant.

"That's it. How did you know?" "Men who let their wives buy their collars for them are always about that size, ma'am," explained the observant salesman.

Modern etiquette for men: You are supposed to be looking up into the sky to see if it is going to rain, when the women are getting out of the car.

"I woke up last night with a start. I thought that my watch was gone."

"Well, was it?"

"No, but it was going."

In the old days the girl's lover did the proposing. Now love is a neck and neck affair.

MACHINERY DISPLACES HOPEFUL CLAM HUNTER
RED WING, Minn. (AP)—The colorful clam fisherman, hopeful hunter of pearls, is following those other romantic figures of the upper Mississippi river—the fiery steamboat captain and the agile logskinner, into oblivion.

Young men and machinery are

replacing the old water dogs who sought clams, sailing the shells for a livelihood, and always hopeful for a "strike"—the finding of a pearl worth a fortune.

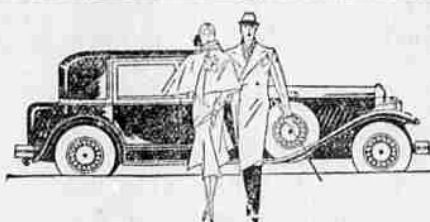
Valuable pearls were found here. One discovered 18 years ago sold for \$6,000. Others worth from \$100 to \$500 frequently were found.

New York is a city where everybody is trying to push everybody else out of the subway.

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29x4.10 6-ply	9.95
30x4.50 "	11.35
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30x5.50 "	18.10
33x6.00 "	19.85
32x6.50 "	21.00
32x6.75 8-ply	26.65

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