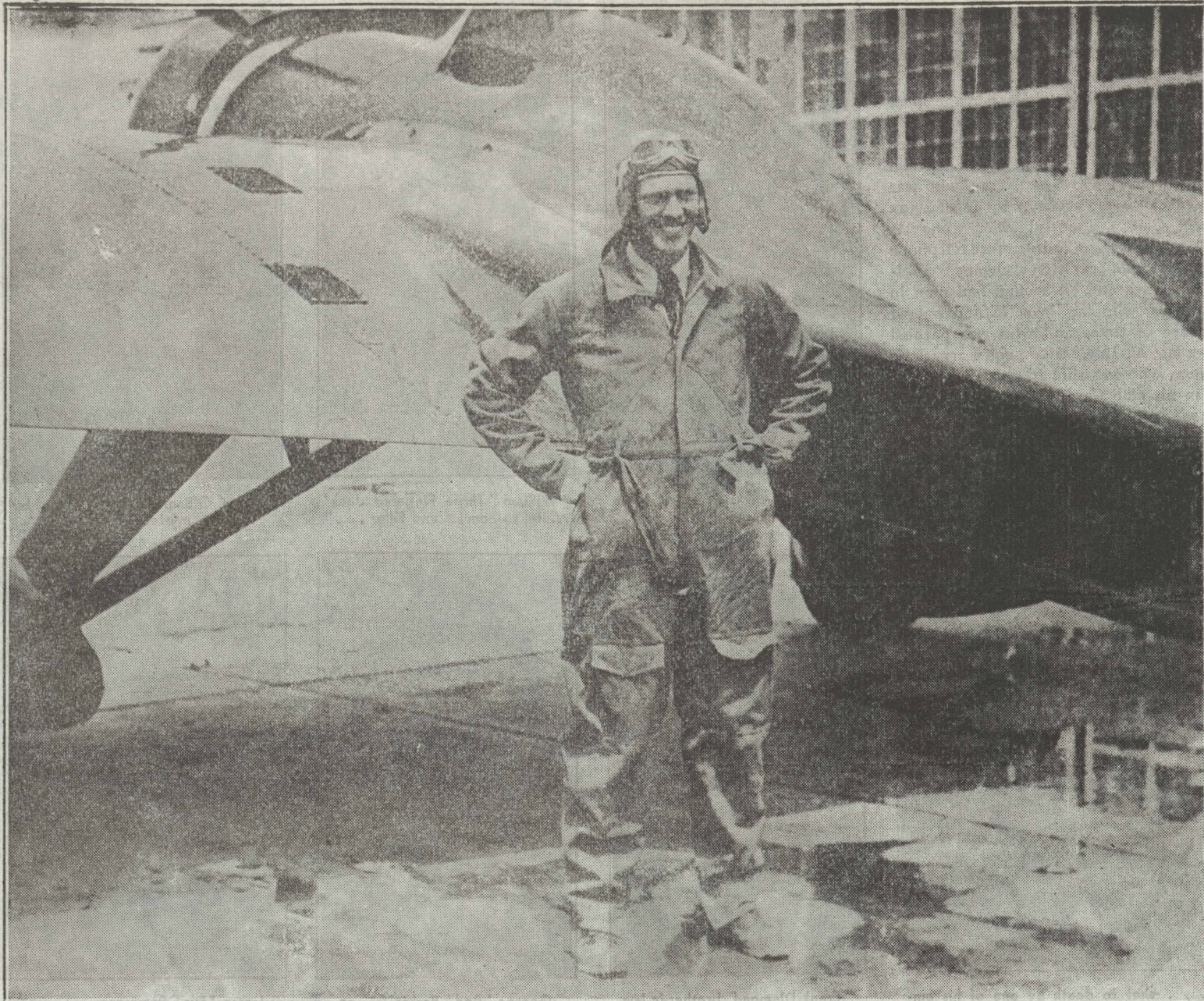


## FLYING WING TO CARRY AIRMAN ON GLOBE-GIRDLING DASH



(Associated Press photo.)

## PRACTICING HIS PROFESSION



(Associated Press photo.)

IN SCOTLAND professional athletes do not confine their activities to the more spectacular games, as this picture reveals. This kilt wearer, Alistair J. Stewart, was a contestant in a recent professional track and field meet at Hackney Wick, London. Mr. Stewart makes his livelihood by throwing the hammer.

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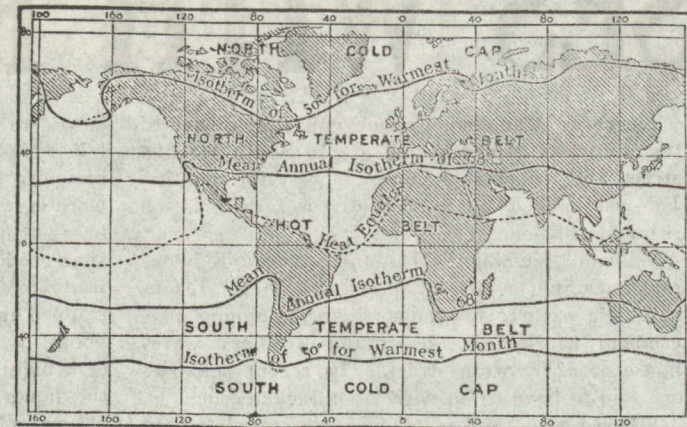
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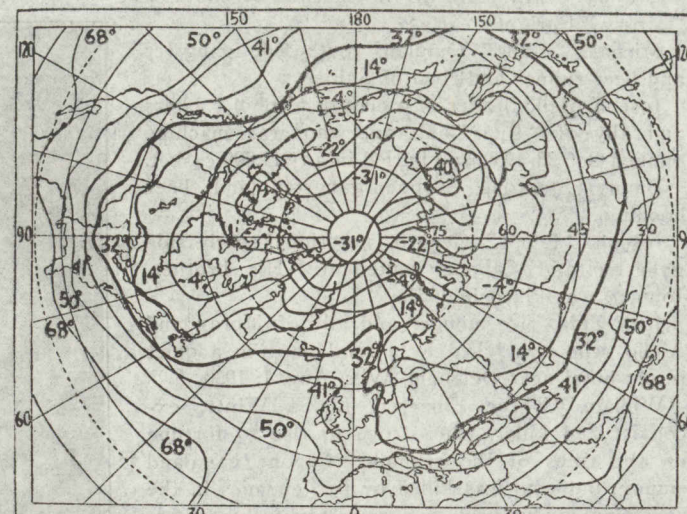
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Chicago Sunday Tribune

## BYRD 'CLOCKS' MERCURY FOR COLD RECORD



Temperature zones of the world defined by isotherms (lines joining points which have equal temperatures). Mean temperature in the antarctic's warmest month is well under 50 degrees.



Isotherms for January in the north polar regions, the weather of which has been charted far more completely than that of the little-known antarctic.

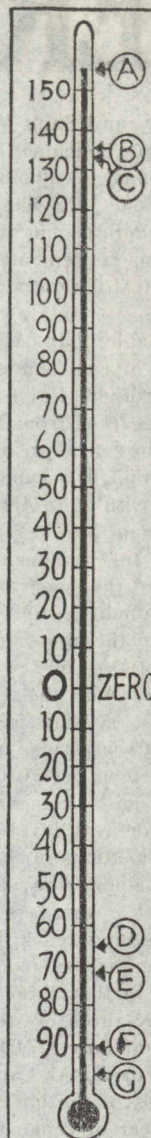
A—154, unofficially reported in the Sahara  
B—136, highest ever recorded officially, at Azizia, Tripoli, Sept. 13, 1922  
C—134, highest ever recorded officially in the United States, at Greenland ranch, Death valley, Inyo City, Cal., July 10, 1913.

D—66 below, lowest ever recorded officially in the United States, at Riverside Ranger station, Yellowstone National park, Feb. 9, 1933.

E—72 below, reported in the antarctic by Rear Admiral Byrd.

F—90.4 below, lowest ever recorded officially, at Verchojansk, Siberia, Jan. 15, 1885.

G—96 below, reported unofficially in the arctic.

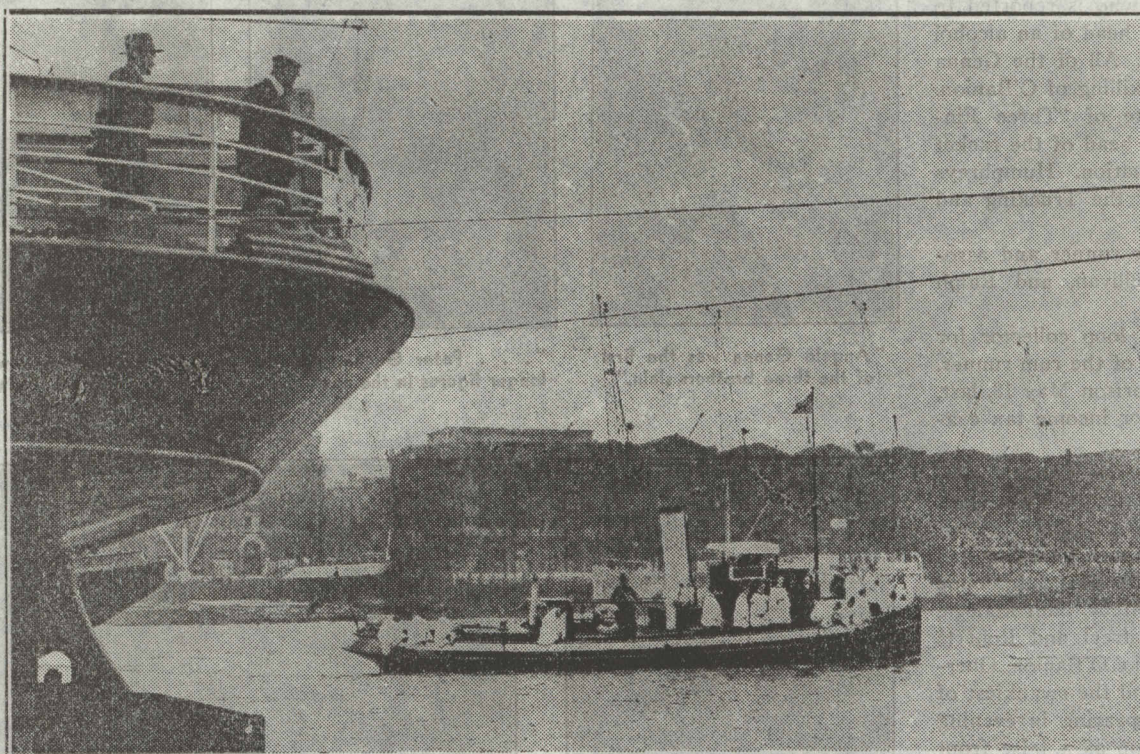


REAR ADMIRAL RICHARD E. BYRD emerges from his drift-covered shack in Little America and brushes the snow from his thermometer. It registers 72 degrees below. The rear admiral has voiced the prediction that his scientific hermitage on the Ross ice barrier may prove the coldest spot ever inhabited, and his prediction may come true, for the dead of winter in the antarctic is yet to come. In fact, Byrd's thermometer may establish a record before this reaches the reader's eye. To do that, it must break a present official minimum of 90.4 below, recorded at Verchojansk, in Siberia, Jan. 15, 1885.

Temperatures such as those are most remarkable by contrast with the highest official temperature ever recorded. That mark, registered at Azizia, Tripoli, Sept. 13, 1922, was 136 degrees above zero—226 degrees higher than the official low!

Unofficial temperatures even lower than the 90.4 below recorded at Verchojansk have been reported. Typical of these is a figure of 96 below reported from the arctic. Lowest ever recorded officially in the United States, at Riverside Ranger station, in Yellowstone National park, was 66 below. That low was reported only last year.

## OBSERVING AN ANCIENT BRITISH CUSTOM



(Acme photo.)

ONE of England's most ancient ceremonies is the church ritual known as "beating the bounds." The custom, which is a perambulation by clergy and members of a parish of the boundaries of the parish, is believed to have originated in Anglo-Saxon days. This picture shows boys from St. Dunstan's college "beating the bounds" of the parish of St. Dunstan's in the East, London. At the customs house they boarded the tugboat in order to mark the parish boundary in the middle of the Thames. In ancient times the tour of parish boundaries also was made by boys and clergymen.

## 'KING' AND 'QUEEN' OF COTTON FESTIVAL



(Associated Press photo.)

DOWN where cotton is king, especially in the vicinity of Memphis, Tenn., the residents set aside a day each year to pay homage to the principal crop of the section. The Memphis carnival rivals the annual Mardi Gras of New Orleans for splendor and gayety. This picture shows the chief figures in this year's celebration. Wearing royal robes, embroidered in gold, and with a jeweled crown on his head, Frank Barton impersonates "King Cotton." His queen, Octavia Evans, is beside him.

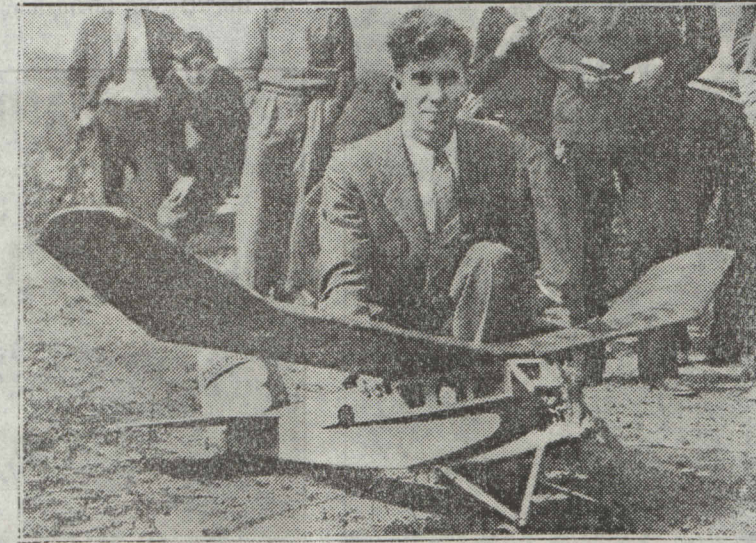
## AGING LETHER IN 3 MONTHS



(Underwood & Underwood photo.)

SCIENTISTS of the United States department of agriculture have developed a method of "aging" leather in a heated chamber containing gases which will produce the same effect in from three to six months as would be caused by years of exposure under natural conditions. The purpose of the experiments was to further a campaign to devise new methods of tanning. This picture shows C. W. Beebe, one of the department's scientists, beside the gas chamber in which leather strips are placed.

## PRIZE MODEL PLANE BUILDER



(Associated Press photo.)

MODEL airplane building has assumed the proportions of a major sport for youngsters of America. This is a picture of Maxwell Bassett of Philadelphia and the model he built, which was awarded first prize in a large field of motor plane model entries in a recent competition held at Newark, N. J., airport.