

Modern Home Aided Byrd Pole Dash; Sugar Cane Fought Cold of North



The House in the Arctic.

Loading Ship for Trip.

Byrd in Airship and Doughtnut Boat.

A MODERN home built in the Arctic defied the death-dealing cold of the Polar Regions and proved an invaluable aid to Lieutenant Commander Richard E. Byrd in his successful flight to the North Pole, which he circled three times in a record breaking flight of 1,500 miles in 15 hours and 30 minutes at an average speed of 98.75 miles an hour.

It was at the Spitzbergen base, King's Bay, where this first modern home was constructed amid the snow and ice of the Arctic immediately upon the arrival of Lieutenant Byrd and his companions, as a permanent home and observation station for the explorers. The house, which rose up on the horizon of the frigid north in marked contrast to the igloo of the eskimo, was equipped with a complete radio outfit that those who remained at the base while Lieutenant Byrd made his thrilling dash to the Pole in his speeding Fokker might keep in touch with their chief and the outside world, which they kept informed as to the progress and success of the flight.

It was to this same home that he returned after his hazardous trip and from which some of the first messages were sent to the waiting public, telling them through the lanes of the air that Byrd had circled the pole three times and had returned to his Spitzbergen home in safety, adding one of the most memorable pages to the history of Arctic exploration.

Sugar Cane Fights Polar North.

When Lieutenant Byrd left the Brooklyn Navy Yard on the ship Chantier he declared he had the best and most scientifically equipped expedition that ever had started for the North Pole. Special plans were made for the erection of his Arctic home. Boards of celotex insulating lumber made from bagasse (sugar cane fiber after all sugar juices have been extracted) were carried along with the latest inventions to aid in polar exploration. This building material is very light and is filled with millions of air cells, which give it great insulation value and resistance to change in temperature, especially the severe cold. One odd circumstance in connection with the use of this material is that the sugar cane of the south was utilized to fight the cold of the north.

Celotex was selected instead of lumber because tests made by the United States Bureau of Standards and its universal use in building construction all over the world, had demonstrated that this insulating lumber would keep the quarters of the explorers warmer and protect their living conditions more securely than ordinary building material.

It was only after careful investigation by the scientific men in the expedition that celotex was selected. These authorities pointed out that the protection afforded by its insulation efficiency was three times as great as that of brick and other masonry material. The ship Chantier also was lined with celotex as an added precaution to keep the ship warm while the explorers used it in the preliminary stages of the expedition.

In practically every other way this expedition was more scientifically prepared than any of its predecessors. These included inventions of Commander Byrd himself. A simple sun compass conceived by Byrd and developed by Mr. Bumstead of the National Geographic Society, superseded the complicated German device, developed three years ago for Amundsen. The drift indicator also was Byrd's invention. The bubble sextant by which the navigator obtains his bearings while in flight was another one of his inventions. Still another scientific development was a quick method of telling when one is at the North Pole. This has been worked out by G. W. Littlehales, the navy's hydrographic engineer.

Device Locates the Pole.

Byrd and others contributed to a chart of the magnetic lines flowing toward the magnetic North Pole, which is in Baffin Land, 1,200 miles south of the Pole. Between Baffin Land and the Pole the compass points south instead of north and over much of the Arctic it is badly disturbed by the discrepancy of position between the geographical North Pole and the magnetic North Pole.

This chart of the magnetic lines, flowing to the magnetic North Pole, although it was far from complete, was such as to enable the navigator to tell in what direction the compass should point from any spot in the Arctic. With this knowledge, the erratic behavior of the compass becomes orderly and it is once again a useful instrument.

A third type of compass used was a device of infinite sensitiveness—a revolving electrical coil, which is adjusted to a given relation with the magnetism of the earth. This, the sun compass, and the magnetic compass were each used to correct the other.

Lieutenant Byrd in his flight used a quick method of telling when he was actually at the Pole. This was the invention worked out by Mr. Littlehales, the U. S. Navy hydrographic engineer. It shows the sun's position from the North Pole at every hour of the day and every day of the year. When the flyer is near the Pole he can, by ascertaining the exact position of the sun, prove that he is near the Pole.

Flew 3,000 Miles Over Arctic.

The expedition, backed by such men as John D. Rockefeller, Jr., and Theodore Roosevelt, Jr., had three main objects.

ATTENTION

Members of the Huber Commercial Club and their families will hold a picnic Sunday, Aug. 1st. They will meet at the clubhouse at 9:30 A. M. Big gate prize.

Coffee, cream, sugar, ice cream, lemonade will be served free. Bring your own lunch and cup.

Signed, Ladies' Auxiliary to the Huber Commercial Club.

Adv c 35

The Beaverton Realty Co. report the sale of the Geo. Covell two-acre tract fronting on the highway at Tobias station, together with the filling station and store, to Mr. and Mrs. C. T. Ellsworth. The Ellsworths took possession of the business Saturday and contemplate extensive improvements at once. Mr. and Mrs. Covell have moved to Seaside, where they will make their home for the present.

Mr. and Mrs. Claude Emery left this morning for Cannon Beach for a week's vacation.

CARD OF THANKS

We wish to express our sincere thanks and gratitude to our neighbors and friends for their appreciated acts of kindness and sympathy in our recent bereavement, also for the many beautiful floral offerings.

Mr. and Mrs. Al Godfrey and family.

LOCAL NEWS

Jamie Hudson spent the week end at his home.

Mr. and Mrs. W. R. Van Kleek and daughter Catherine spent Sunday at Kinton.

Mrs. Ada Teal Wilson was a guest of Mrs. W. R. Van Kleek Monday.

Master Richard Stevenson is spending a few weeks with his aunt, Mrs. Hanna of Portland.

Mr. and Mrs. Erickson from The Dalles spent the week end in the home of Mr. and Mrs. S. A. Fredricksen.

The members of the Lady Shipper Club and their families held a picnic Tuesday afternoon and evening at Council Crest.

Clarence Carlson and Myron Jones leave Saturday for a trip to Grater Lake and Eastern Oregon. They will be gone a couple of weeks.

Mr. and Mrs. R. G. Kelly and family left early Wednesday for Yuba City, Calif., where Mr. Kelly was called by the death of his father.

Mr. and Mrs. Normand Lund, Mrs. Charles Dunham, and Miss Vera Henderson spent Sunday at the home of Mr. and Mrs. G. P. Henderson.

Mr. and Mrs. Don Crawl will move to Sherwood about August 1st. Mr. Crawl is employed by the Standard Oil and has been transferred there.

Mrs. W. H. Stewart of Seattle and Mrs. Edward Dietele of Chicago, Ill., were guests in the home of Mr. and Mrs. J. T. Eggman the past week.

Mr. and Mrs. W. H. Boswell and family, accompanied by their friends, Mr. and Mrs. Frost and family of Newberg, spent the week end at Mt. Hood.

Mr. and Mrs. Charles Jacka and Mr. and Mrs. C. G. Beach and children Kathryn and Carl Curtis, attended the U. P. picnic given at Bonneville Sunday.

Mr. and Mrs. Frank S. Kelly leave this afternoon for a trip of two weeks at the coast. Mr. L. Geep is substituting for Mr. Kelly, who is mail carrier on Rt. 4.

Mr. and Mrs. Percy Wilson from Vancouver, B. C., accompanied by Miss Wilson from England, visited Sunday afternoon in the home of Mr. and Mrs. F. L. Spencer.

Mr. F. J. Deitz expects to leave soon for the Vancouver Barracks for a two weeks' stay. He held a commission in the late war and is a member of the Reserve.

Mr. and Mrs. L. V. Graham, accompanied by Mrs. Graham's niece, Miss Lorraine Norman, left Sunday for a motor trip to South Carolina. They expect to be away for several months.

Mr. and Mrs. L. L. Laswell entertained at a party Saturday evening in honor of the second birthday of their son Lewis Lee Jr. Those present were Mr. and Mrs. Henry Kerns, Misses Pauline and Rilla Leel, and Mr. John Forbes.

Beaverton Lodge No. 252, I.O.O.F., meets every Monday evening at 8 P. M. in their hall on Broadway. Visiting members welcome. W. Harris, N. G. L. L. Myers, Sec. Adv c 30tf

SUMMONS
In the Circuit Court of the State of Oregon for Washington County.

Cora Scofield Murphy, Plaintiff,
vs.
Merle W. McCormick and Doris McCormick, his wife; George W. McCormick and Alveria McCormick, his wife; Adelaide Draughn, her husband; Harry Draughn, her husband; George W. McCormick, as administrator of the estate of Matilda Jane McCormick, deceased, and

BEAVERTON FINANCE CO

Offers This Week

19. 5 acres, all cleared, very fine garden land, 3-room house, barn, and family orchard. On good road near Beaverton. Price, \$3,500, \$500 will handle.

20. 6 1/2 acres on good road. This land cost owner \$2,500. Will sell now for \$2,000 with \$500 down and terms on the balance.

21. Five acres close to Beaverton, fine large house with full basement. One acre of asparagus. Electricity, Gas and city water on place. Family orchard. Price, \$6,000, with a half down.

W. E. Pegg, Gen. Mgr.

Ralph Hannan, Defendants.

To Adelaide Draughn and Harry Draughn, her husband, of the above named defendants: In the Name of the State of Oregon: You, and each of you, are hereby required to appear and answer the complaint filed against you in the above entitled court and suit on or before the last day of the time prescribed in the order for the publication of the summons, to-wit: On or before the expiration of six weeks next, from and after the date of first publication of this summons, the date of said first publication being on July 23, 1926, and if you fail to so appear and answer the plaintiff will apply to the Court for the relief prayed for in her said complaint, to-wit:

That plaintiff have judgment against defendants, Merle W. McCormick and George W. McCormick, as administrators of the estate of Matilda Jane McCormick, deceased, for the sum of \$250.00 with interest thereon since December 18, 1923, at the rate of 6 per cent per annum, and for the costs and disbursements of this suit; and the further sum of \$15.00 attorney's fees herein, and the further sum of \$15.31 with interest thereon since April 13, 1925, at the rate of 12 per cent per annum, and the further sum of \$7.45, with interest thereon since April 4, 1925, at the rate of 12 per cent per annum, the last three sums being taxes paid by plaintiff on the herein-after described property in order to protect her claim and lien under her mortgage herein mentioned.

That the mortgage described in plaintiff's said complaint herein and which was executed by defendant, Merle W. McCormick and Matilda Jane McCormick, now deceased, to Alva H. Scofield and recorded on page 234 of book 82, records of mortgages for Washington County, Oregon, on or about May 31, 1919 (and which mortgage was, on or about July 31, 1924), be decreed to be a first lien and a first mortgage on about May 26, 1924, for value, duly sold, assigned, and transferred to plaintiff herein by an assignment of mortgage recorded on page 609 of book 96, records of mortgages for

upon the real property therein and herein described as follows: All the following bounded and described real property lying, being, and situate within the county of Washington, state of Oregon, and more particularly bounded and described as follows, to-wit: Beginning at a point 10 rods West of a point 13 rods south of a stone at the recognized center of the northwest quarter of Section 4 in Township 3 North of Range 4 West of Willamette Meridian in Washington County and State of Oregon, and running thence west 10 rods, thence south 12 rods, thence east 10 rods, thence north 12 rods to the place of beginning, to secure the payment of said sums of money.

That said mortgage be foreclosed, and said real property be sold as upon execution in the foreclosure of mortgages and the proceeds of said sale be applied as follows, viz: First to the payment of the lien and claim of this plaintiff under said note and mortgage which amounts to \$250.00 with interest thereon since December 18, 1923, at the rate of 6 per cent per annum, and the costs of this suit and of said sale, and the further sum of \$15.31 attorney's fees herein, and the further sum of \$15.31 with interest thereon since April 13, 1925, at the rate of 12 per cent per annum, and the further sum of \$7.45, with interest thereon since April 4, 1925, at the rate of 12 per cent per annum, the last three sums being taxes paid by plaintiff as aforesaid.

The balance, if any, to be disposed of as said Court may be advised and may direct; that the lien of said mortgage be decreed prior and superior to all claim, interest or equity of each of the defendants herein, and that such other and further decrees be granted herein as may seem just and equitable.

That if after the said sale and the application of the proceeds thereof for the payment of the moneys due the plaintiff on said note and mortgage it should be ascertained that said proceeds are insufficient to pay such judgment or decrees as the plaintiff may recover herein, she may have judgment over and against Merle W. McCormick and George W.

Announcement

THIS is to announce that we have effected arrangements with The Shaw-Pear Co., of Portland, where by we are authorized to offer for sale all of its properties in its well known Beaverton-Reedville acreage, and at the identical prices and under the same terms and conditions as the Company itself.

With our office in Beaverton, the center of a community unsurpassed in the state; our Mr. Stuckey owning a home and living at Aloha in the center of the Beaverton-Reedville tract; and with facilities for showing our patrons over the lands, we are in a position to be of real service and give the reliable information desired by home seekers or investors.

This Beaverton-Reedville acreage is but 30 minutes from the center of Portland, with electric line and paved highway passing thru it; a body of land with rich soil, comparatively level, no waste, solidly and substantially developing. The new Canyon Road, which will be the finest boulevard out of Portland, will cut down the distance and time to these beautiful home sites, and add mightily to all lands in this entire locality.

We also have large listings of homes and acreage in Beaverton and vicinity. Give us a call—we can please you.

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Note These Prices

Garage Door, 8ft.x7ft. 6in.	Each	11.00
Fire-proof Roofing Paint	Per Gal	1.50
Shingles	Per M	2.50
1x3 Flooring	Per M	20.00
1x6 Rustic	Per M	20.00
1-2x6 Rustic	Per M	12.00
1x8 Ship-lap	Per M	14.00
1x10 Ship-lap Com.	Per M	20.00

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Needs



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Vacuum Bottles
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Dean's Drug Store

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Beaverton, Ore