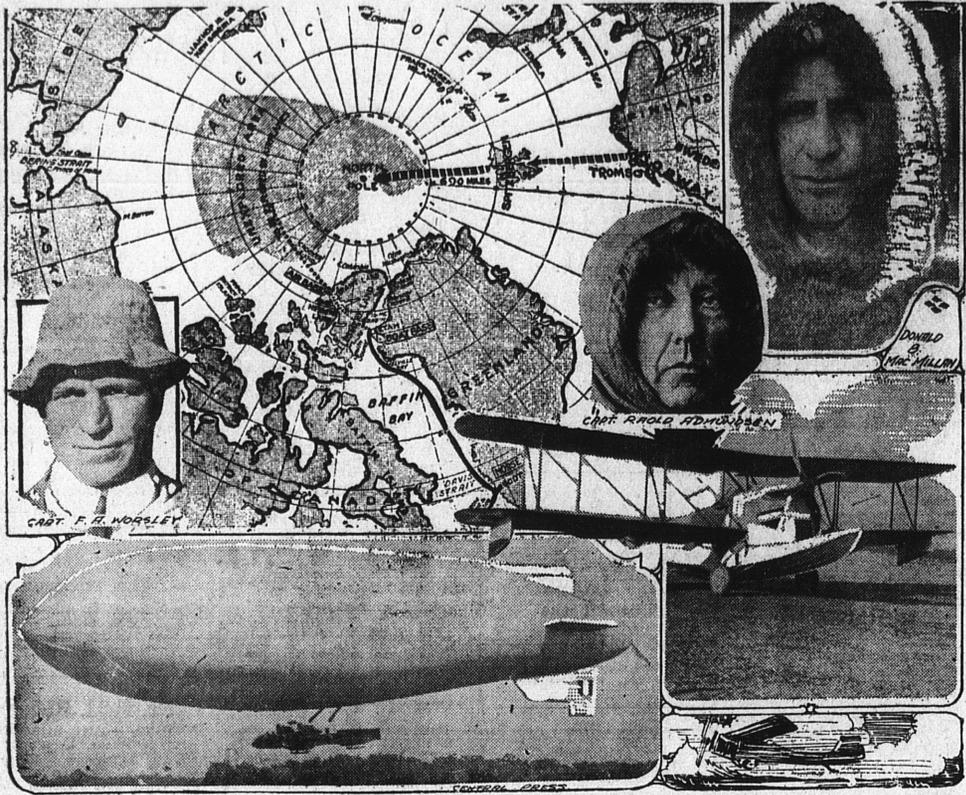


Three-Cornered Polar Air Race Promises End of Geographical Mystery



Three expeditions are now preparing to explore the Arctic from the air. The photos show some of the principals in the ventures, and the types of equipment they will use. In the map are seen the routes Amundsen and MacMillan will take; the course of Algarsson is uncertain. Amundsen jumps off from Tromso, Norway; MacMillan from Etah, Greenland.

By JOHN T. LEWING Jr.
 WASHINGTON.—Will the United States be beaten in the air race to the Arctic? It appears possible, and even probable.
 Three nations have entries in the race. Raold Amundsen, famous explorer, is already at the top of Norway, preparing to jump off from Spitzbergen, and then the pole.

Gettir Algarsson, Canadian, is in England, loading the British blimp with which he hopes to reach the pole.
 Meanwhile Donald B. MacMillan and navy fliers are getting ready for their Arctic jaunt.
 Algarsson will be in the north a month before MacMillan's party arrives from the United States, which

MacMillan plans to leave in June. Amundsen backed in U. S. This means that both Amundsen and Algarsson will have big leads on the Americans. However, the MacMillan expedition isn't actually seeking to reach the pole.
 Between the northern coasts of Alaska and the pole there lies an area of more than a million square miles on which no human being has ever cast an eye. Does it contain an island continent about which the world hitherto has known nothing? This is what the MacMillan party wants to find out.

Amundsen goes north under the auspices of the Norwegian Aero Club. The expedition was financed by \$100,000 from James W. Ellsworth of Manhattan, and has with it two Durrer-Wahl seaplanes built in Germany. His chief pilot is Rilsen-Larsen, a fellow countryman.
 When he stated his plans, Amundsen announced that he would spend some 24 hours examining the pole and its vicinity. He thought it might be possible to establish a fuel and food base at the pole for further aerial exploration. From Kings Bay to the pole is only a seven-hour flight. From the pole south to Wrangel Island and Behring Strait is about 1500 miles.

Torrance City BOWLING League

Tonight, May 19
 H. A. Warren vs. City Trustees
 Sam Levy vs. "Hardware" Reeve

Wednesday, May 20
 Palmer's Service vs. Paxman's Tigers
 First National vs. Ed Kelly

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It seems not unlikely, therefore, that Amundsen, too, may search for the island continent; may set foot thereon, if such a land exists, and claim it for Norway.
 Success Depends on Planes
 Algarsson also expects to make observations around the pole, and he, too, may search for the undiscovered land.
 MacMillan is making his venture under the auspices of the National Geographic Society, with the United States navy co-operating unofficially. In addition to MacMillan, the navy contingent and the ship's crew, there will be about a dozen persons in the party. Among these will be John M. Jaynes, who has been with the explorer on several expeditions as chief machinist. He is a graduate of Massachusetts Institute of Technology. E. F. McDonald of Chicago, president of the Radio Broadcasters' League, will have charge of radio facilities. The flight commander is Lieut.-Comdr. R. E. Byrd. Pilots chosen for the expedition's planes are Lieut. M. A. Schur and Chief Boatswain Earl E. Reber.
 On the planes these two men will pilot, known in both Uncle Sam's flying services as Loening Amphibians, hangs the success or failure of this new venture in polar exploration.
 In Washington this winter the ship demonstrated its ability to land in the water, put down its electrically operated retractable wheels, and taxi up the sloping banks of the Potomac to its hangar—"just like a duck coming home to roost," as one pilot put it. In the Arctic the planes will have skis instead of wheels.
 At McCook Field the "Amphib" attained a high speed of 122 miles an hour and a ceiling of 14,000 feet. Equipped for the Arctic trip it will carry 250 gallons of gas and have a range of 1000 miles with a crew of two and their provisions and equipment. Empty the plane weighs 3300 pounds.
 Shackleton's Commander Aids
 No Arctic explorer has ever studied all conditions above the surface in these regions. It is believed that the temperature at points above the surface is warmer than on the ice-bound land and water, and if this be true, flying will be much more comfortable than traveling in the old way.
 Algarsson is going to get as near as possible to the pole in the ship "Iceland," commanded by Frank

Worsley, who commanded Shackleton's ships, "Quest" and "Endurance."
 Commander Worsley thinks he can nose the Iceland north to within 500 miles of the pole. Her deck is prepared to carry the airship. When the polar ice halts further progress the blimp will be inflated for her dash north. There will be food for thirty days for her crew of four, a light sledge and other equipment against the emergency of having to hike back.
 Algarsson's blimp has a cruising speed of fifty miles an hour. He expects to reach his goal in twelve hours, less if winds are favorable.
 Amundsen's planes, which are of the same type as the ill-fated ship in which Lieut. Antonio Locatelli attempted a trans-Atlantic flight last year in preparation for a polar expedition, are much faster. Each has sufficient cruising range to make the trips planned and carry

BRIEF NEWS

Awnings and Tents
 Camping Outfits.
 Quality—Reasonable Prices.
Hawthorne Awning Co.
 Lock Box 257, Hawthorne, Calif.

Straw garden hats for men and women at Eby's.—Adv.

Miss Ida Viola Keller and Henry Rupprecht, both of Athens-on-the-Hill, were married at 2 o'clock Saturday afternoon by Rev. Fred M. Essig at the First Methodist church here. Mr. and Mrs. Rupprecht will reside at Athens.

A special car leaving Torrance at 12:15 p.m. Thursday, May 21, will carry Torrance Elementary School pupils to the district track and field meet at Gardena. Seventy Torrance boys will compete.

The Board of Trustees will meet next Monday night at 8 o'clock to hear protests on assessments for paving the alleys in the business district.

The trustees instructed City Clerk Bartlett to notify owners of signboards larger than are allowed by city ordinance to remove them.

Mrs. Oletha Stevenson presented The Herald with two beautiful baskets of flowers in appreciation of the publicity given to the large number of flowers furnished for the hospital opening by the Torrance flower shop.

After June 1 the Torrance Feed and Fuel Store, now located at 1303 Cabrillo avenue, will be situated in new quarters at 1971 Carson street.

on considerable aerial exploration of the polar basin, if no mishap befalls them.
 But science probably will profit most from the MacMillan expedition. For the party expects to accomplish within a few weeks numerous difficult explorations in addition to the one in the vast woman's area of the Arctic ocean.

What They Seek
 They propose to reach the top-most points of the Greenland ice cap—a venture practically impossible by the overland method of travel. They will hunt, both in Greenland and Labrador, for traces of the Norsemen who were the first white men to visit these regions.

Several scientific studies not hitherto feasible, with bearings on climate, radio, terrestrial magnetism and aerodynamics, will be made. If the airplane venture succeeds, large areas of Arctic territory now known only in general outline will be mapped in topographical detail with special instruments carried by the fliers. Pictures, still and moving, will be made of many scenes that have not yet known a camera.

Nothing of the sort has been attempted before. If the effort yields no other result, it should provide much new and valuable information about the worthiness of airplanes under these conditions.

Postoffice Test Here on June 6th For Clerk-Carrier

A civil service examination for clerk-carrier will be held here on June 6. Applications for the examination must be filed on or before May 27. Age and height requirements are waived in the case of honorably discharged soldiers, sailors and marines.
 Substitute clerk-carriers are paid at a rate of 65 cents an hour. Those on regular duty receive \$1700 the first year and are granted annual increases until the maximum of \$2100 a year is reached.

George Bowers of Los Angeles was a weekend visitor at the home of his parents, Mr. and Mrs. J. A. Bowers, of 2828 Sonoma avenue.

Striped curtains make a room look smaller. And another point to remember is that if you have any pieces of upholstered furniture that always seem too large for the room they must inhabit, covering them with widely striped material will make them look much smaller and less awkward.

It is by the small touches that many rooms are made or marred. The right colored lamp shades, vases filled with flowers, a few bright pillows, a bit of tapestry—mere touches in themselves, but they are often the fairy wands which change ugliness to beauty.

Voile is being used for some pretty and up-to-date boudoir caps. Alternate gores of contrasting colors like apricot and Nile, rose and blue, primrose and orchid are frequently hemstitched at the seams. The pattern suggests the Alpine shape favored in new millinery, for a jaunty bow of ribbon finishes the top. Lace becomingly frilled in narrow widths is used on the lower edge to frame the face. Net footing accordion or knife pleated is also used in place of lace.

Coddled Eggs.—Drop an egg into boiling water, cover dish, remove from fire, let stand five minutes. Remove egg and open immediately. Serve at once, with salt, pepper and butter.

State Exchange Bank
 Becomes a Branch
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 TODAY

See complete announcement in news columns of this paper.

Announcement of
FORMAL OPENING
 To Be Held Thursday, May 28,
 Will Be Made in This Paper
 Next Tuesday.

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SAY, FOLKS, DO YOU KNOW THE VALUES WE ARE GIVING? IF YOU CAN DUPLICATE OUR PRICES AND QUALITY WE WILL REFUND YOUR PURCHASE PRICE.

\$1.25 Women's Lingette Bloomers . . . 69c

\$5.00 Irish Linen Dresses . . . \$3.98

\$5.00 English Broadcloth Dresses . . . \$3.98

\$2.98 Women's and Children's New Straw \$1
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\$1.25 Nightgowns, Teddys and Step-ins . . . 79c

\$16.75 New Spring Silk Dresses . . . \$10.75

\$19.75 Women's All Wool Coats . . . \$9.75

\$1.98 Infants' Knitted Sweaters . . . \$1

\$2.50 Girls' Regulation Middys . . . \$1.98

\$10.75 Tub Silk Dresses, fast colors . . . \$6.95

\$5.98 Children's Polo Coats . . . \$3.98

One Table Odds and Ends, values to \$2.98 . . 50c

\$5.00 Women's Newest Spring Millinery \$2.98

\$1.25 Silk Vests 98c

These Prices Will Be Maintained Until Saturday, May 23rd.

Remember the Place—next to Torrance Herald—Edison Bldg.
 1417 Marcelina Street

WIFE SAVERS BY MRS. MARY MORTON

CARE OF NICKEL
 Nickel and nickel-plated articles do not tarnish as readily as silver. Washing them frequently with hot, soapy water and drying them with a soft cloth or paper will usually keep them in good condition. Whiting or some other fine scourer may sometimes be used to brighten nickel that has become dull, but such a condition often means that the surface is scratched or the plating broken. Replating is the only remedy in such cases.

Rice with Tomatoes and Onions. Steam together one cup rice, one can tomatoes, one large onion cut in pieces. Season with one teaspoon salt and one of sugar. Steam one hour.

Star Salad.—On individual plates of lettuce arrange in star pattern five sections of grapefruit, free from membrane; on these place five sections of navel orange free from membrane. Cut long, slender strips of figs, and place on edge of orange sections. Fill spaces between orange star points with finely cut dates. Serve with French dressing or a dressing made from the white of an egg beaten stiff and a small glass of jelly beaten in. It serves six, is delicious, cheap, and easily digested. If crab-apple jelly is used it resembles whipped cream; if grape or currant, it is very pretty in color.

Spiced Baked Sliced Ham.—Slice of ham one and one-half to two inches thick, 25 whole cloves, one-half-cup vinegar, one-half cup water, two teaspoons mustard, one-fourth cup brown sugar. Sear surface of ham in a hot frying pan, stick in cloves. Put in baking pan and sprinkle with one-half the sugar. Mix the remaining sugar with vinegar, water and mustard. Pour liquid mixture over ham, bake in moderate oven one to one and one-half hours, basting frequently with the sauce.

Fluff Cake.—One and one-half cups flour, two teaspoons baking powder, one-half teaspoon salt, one cup sugar, three eggs, one-half cup milk or water, one-half cup liquid fat, scant teaspoon lemon or orange extract. Sift dry ingredients together, including sugar. Add the liquid fat, flavoring, and unbeaten egg yolks. Mix together quickly and fold in egg whites beaten stiff.

When opening canned meat remove the rubber and replace the lid. Set can in pan into which a little warm water has been poured and place in moderately heated oven. The melts the liquid and the meat is easily removed. Meat in tin cans is easily removed the same way after the wax has been thoroughly cleaned off.

Glass cans should not be brought from a cold place and put in the oven immediately, as they may break.

When cutting marshmallows dip the scissors into hot water and they will not stick to the blade or to the fingers.

Shirred Eggs.—Separate the whites from the yolks of as many eggs as desired. Beat the whites to a stiff froth. Place on a platter well buttered or in shirred egg dishes. Make indentations in the whites and drop in the whole yolk of each egg. Bake in a slow oven five to eight minutes. Season with butter and salt. Or put a small piece of butter into gem pans, one or two eggs, a tablespoon of cream to each egg, over the top. Do not heat the eggs. If you haven't the cream, dust over with fine bread crumbs and bake in a moderate oven until white is set. Serve hot.

Bread Stuffing for Fish.—One and one-half cups bread crumbs, salt and pepper to taste, one-half cup milk, one tablespoon chopped onion, one tablespoon butter. Add the seasonings and butter to the crumbs and add the milk last.

Plain Cake.—One cup sugar, one-fourth cup any desired shortening, one or two eggs, one tablespoon orange juice, one teaspoon grated orange rind, one cup sweet milk, two cups cake flour, sifted with two teaspoons baking powder, a little salt. Bake in layers, cup cakes or loaf.

MASHED POTATOES
 There is nothing more unappetizing than cold, fluffy mashed potatoes. To mash them properly the milk, butter, salt and pepper should be heated before adding to the potato. Then the strong-armed squad is needed, for it is the beating that makes light, fluffy mashed potatoes. Potato ricer will eliminate all the lumps.