

ENDURANCE BIG ESSENTIAL IN TRANS-SEA TRIP

Thinks Hawker Too Optimistic About Airplane Flight Across Atlantic; Must Be Made in Twenty-four Hours.

BY ROBERT WELLES RITCHIE
Universal Service Staff Correspondent.

London, April 4.—(Special Cable Dispatch).—An amazing combination of the human with the mechanical machine alone will spell success for the transatlantic flight now contemplated, according to Major C. C. Turner, long distance flight expert in the British air ministry, interviewed by Universal Service today.

Since the attempt by Harry Hawker with a two-seater from Newfoundland is reported likely to be made any day, I sought comments from eminent British aeronautical experts. All agreed that whoever makes the initial attempt, must have daring comparable to that of sixteenth century explorers. Major Turner said:

"Hawker and his navigator, Commander MacKenzie Grieve, are confronted with perils no smaller than those faced by Cabot and other early adventurers crossing the Atlantic. They require amazing physical and mental endurance—a short—the whole problem is that of endurance on the part both of pilots and the engine.

"The present record, I believe, is 24 hours and 12 minutes in endurance flights.

Over Optimistic.
"I believe Hawker is over optimistic in his statement he will make the flight from coast to coast in 24 hours. Aside from the human element, the thing equal in importance is the engine. An engine which will carry on 24 hours without a hitch at top speed must be perfect in every detail.

"Remember in a trans-sea flight there is no way to repair a faulty engine except dropping into the waves, and that spells failure for all except the flying boat. Even a flying boat would be unable to rise from a rough sea.

"After the question of the endurance of the pilots and the engine remains the problem of keeping the course. The compass course having first been calculated with respect to the strength and the direction of the wind, will have to be kept, but this does not insure safety unless the amount of drift can be ascertained, and the wind estimate may be unreliable. Knowledge of the stars is of very little help in night flying.

"Grieve's knowledge of the steamship tracks will prove invaluable in keeping a direct course. At night-time the glare from a funnel can be seen at a long distance, and the air adventurers will carry out to signal ships, so the latter will report by wireless their passing.

Hard to Keep Balance.
"One curious feature will have to be guarded against. It is well known that pilots flying at any time over water are greatly troubled by loss of the sense of balance. With the flat plane below unvarying in its contour, the pilot does not have any object by which to make a comparison of his relative parallel with the sea. This gradually becomes wearying, and the only correction possible is to concentrate the mind and the vision upon the instruments in the cockpit.

"Grieve, who is not thought as experienced a pilot as Hawker, will have to relieve the latter at the wheel when weariness overcomes Hawker.

"Don't gather from these remarks that I am unduly pessimistic. I am only setting forth the manifold difficulties and I believe Hawker's chances are most hopeful. In fact, I see no reason why, before mid-summer three or four transatlantic flights should not have been achieved.

"I believe that one or both of the admiralty's newest and greatest airships—the R-33 and R-34—will succeed in the initial attempt."

Expects Success.
C. Handley Page, the inventor, said to Universal Service tonight: "I expect the first flyer starting from Newfoundland will successfully cross if the weather is in any degree favorable, but he must make the trip within 24 hours, because he is unable to rely on continuous engine performances above that.

"The rivalry between British and American flyers will develop an interesting sidelight, namely the relative values of the Rolls-Royce and Liberty engines. All British entrants are equipped with Rolls-Royce engines, while all Americans have Liberty motors. The transatlantic passage never will be secure until airplanes are equipped with sufficient engines to permit one being cut out at any time."

This Woman Builds Up Annual Business of \$175,000

Chicago, April 4.—When a girl enters the business world and builds up a business of \$175,000 a year, it's about time the men sat up and found out how. Miss Maude Freeman, with the \$175,000 a year business, gives the following fourteen pointers to ambitious business women:

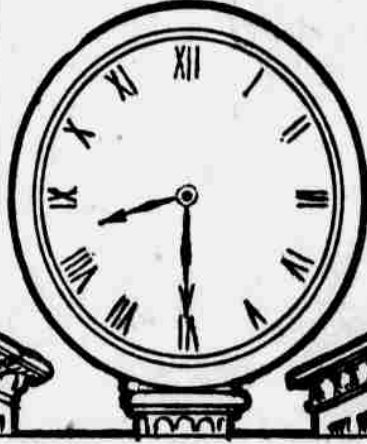
- 1. Apply yourself unremittently.
- 2. Perfect yourself in some one thing; specialize.
- 3. Know your own job before you expect a better one.
- 4. Make service the keynote of your career.
- 5. Be cheerful.
- 6. Be courteous. The public demands it and is entitled to it.
- 7. Don't make the mistake of never taking a vacation.
- 8. Make good use of your spare time.
- 9. Don't waste time on movies—grand opera symphony concerts or good plays are much better.
- 10. Don't be superstitious. I got my first position on Friday.
- 11. Invest your savings carefully. Government securities are best.
- 12. When you get a raise, plan to save more, not spend more.
- 13. Set your peg a notch higher every year.
- 14. Be a suffragist.

Orkin Bros. Orkin Bros.

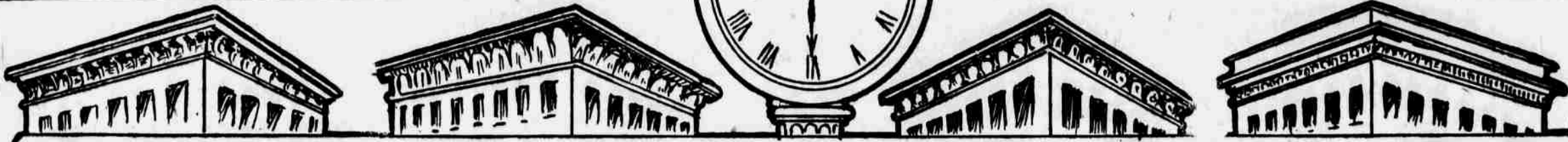
NEW YORK OMAHA 316-318 SOUTH 16TH STREET CONANT HOTEL BUILDING SIOUX CITY LINCOLN

Orkin Headquarters, New York City, Announce for Saturday, April 5th, a Gigantic Simultaneous Sale in New York, Omaha, Sioux City and Lincoln. The Sale will commence at the same hour (eight-thirty a. m.) in Each Store.

This Sale Represents a Gigantic Purchase Made by the Orkin Organization for the Four Stores. Business Demands Require a Sharp and Immediate Reduction in the Stock. Every Piece of Merchandise Has Been Specially Priced for Quick Selling on Saturday.



This Is a Sale Without Parallel in the Field of Women's Wear. Four Cities Will Simultaneously Offer New, Up-to-the-Minute Merchandise at Prices That Are in Many Instances Lower Than the Wholesale Cost.



SIMULTANEOUS SALE!

NEW YORK

OMAHA

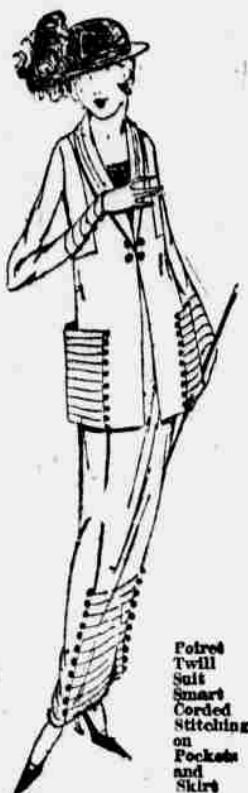
SIOUX CITY

LINCOLN

Suit Values Extraordinary!

Newest Tailored Suits Specially Presented Saturday

\$34⁵⁰ \$39⁵⁰ \$45 \$59⁵⁰



The models are the latest edicts of style, the tailoring of uniformly high character and materials the favored Serge, Tricotine, Poiret Twill and Velour. The variety is so extensive that every miss, as well as woman, is sure to find exactly the model suited to her style figure.

Extra Special Smart Tailored Serge Suits
In a score of very effective models.
\$24⁵⁰ \$29⁵⁰

Orkin's

Our Beautiful New Building Wonderfully Prepared with Women's & Misses' Fashionable Apparel

Newest Tailored Suits
Specially Presented for Saturday
34⁵⁰ 39⁵⁰ 45⁰⁰ 59⁵⁰

Smart Tailored Serge Suits
24⁵⁰ and 29⁵⁰

New Capes & Wrap Coats
Specially Presented for Saturday
29⁵⁰ 39⁵⁰ 45⁰⁰

Attractive New Dresses
Specially Presented for Saturday
19⁵⁰ 29⁵⁰ 39⁵⁰

Smart Draped Capes
25

Tailored Serge Dresses
15

Beautiful New Blouses
Smart Voile Blouses 1.95
Fine Georgette Blouses 4.95

Luxurious Silk Underwear
Washable Satin Camisoles 1.50
Creme de Chine Chemises 2.95

Advance proof of the New York Orkin advertisement (greatly reduced) as it appears in tonight's newspapers. The identical merchandise featured in this advertisement will be placed on sale in the Omaha store Saturday

Capes and Wrap Coats at Sweeping Reductions!

All New and at Prices that cannot be equalled! Specially Presented for Saturday

\$29⁵⁰ \$39⁵⁰ \$45⁰⁰

Attractive New Dresses at Money-Saving Prices
All New and in a Wealth of Styles! Specially Presented for Saturday

\$19⁵⁰ \$29⁵⁰ \$39⁵⁰



Poiret Twill, Serge, Velour, Tricotine, Silvertone, Bolivia

Extra Smart Draped Capes Men's Wear Serge and Velour, \$25



Poiret Twill Tricotine, Flowered and Beaded Georgette Satin and Taffeta

Extra Tailored Serge Dresses A number of Smart Models, \$15

Beautiful New Blouses

Values You Cannot Afford to Miss

Our Blouse Shop on the Street Floor Is Exceptionally Spacious and Presents Large Stocks of New Models in Silk and Cotton Fabrics. Two Interesting Groups Specially Presented for Saturday—

Smart Voile Blouses \$1.95 | **Fine Georgette Blouses \$4.95**

Many Models in Fashionable Colors. | Elaborately Beaded and Embroidered.



Luxurious Silk Underw'r

Exceptional Opportunity to Save Money

A Very Large Space on Our Street Floor Devoted to a Beautiful Collection of Dainty Silk Undergarments. Specially Presented for Saturday—

Washable Satin Camisoles \$1.50 | **Creme de Chine Chemise \$2.95**

Tailored or Lace Trimmed. | A Host of Different Styles.



We Advise Our Many Patrons to Attend This Sale Early
Comparative Prices Unnecessary | Come and Judge Values for Yourself

316-318 So. 16th St. **Orkin Bros.** Conant Hotel Bldg.