

"SHUTTLE" SEEKS PRACTICAL TEST

New Kind of Endurance Flight Planned by Captain Ira Eaker.

OAKLAND, CAL. (AP)—Putting the endurance flight idea to practical use, two army aviators are training a single motored Boeing Hornet airplane for a "shuttling" expedition that hopes to span the continent at least five times.

At 10 o'clock the morning of September 13, Capt. Ira Eaker and Lieut. Leonard Thompson plan to take off from Oakland airport, San Francisco.

They will refuel in the air over Elko, Nev., Cheyenne, Omaha and Cleveland. At 6 o'clock the next morning they expect to be over Mitchell Field, N. Y., where mail will be discharged and taken aboard by way of the refueling ship.

Then the Hornet will start back to San Francisco, to turn eastward there again on the third trip of the "shuttle." The flights will be continued until circumstances dictate otherwise.

The army air corps, the postoffice department and the United Aircraft and Transport, Inc., are cooperating in the flight to test the mileage which may be piled up by a standard mail and express plane over a regular mail route.

It is not an endurance flight in the sense of those which have found out the hours over airports in numerous cities.

Four "nurse ships" will be along the line of flight the "shuttle" will follow. At each refueling point the fliers will take on an 11-hour supply of gasoline.

Capt. St. Clair Street and Lieut. Newton Longfellow, both of the army, will pilot two of the refueling planes while two air mail pilots of the Boeing system will man the others. Four-passenger mail carriers in use on the Pacific coast route of the company.

Harold T. Lewis, second ranking air mail pilot in the United States, and Claire K. Vance, veteran mountain and night flier, will operate the latter.

The "nurse" will transfer and take off regular mail from "shuttle" will supply the crew with clothing and other necessities.

Since some of the refueling will be night contacts, specially designed lights have been placed in the landing gear of the refueling planes to flood the mail plane. The refueling pit of the endurance craft also will be lighted.

This flight, it is claimed, is the first where a motor of more than 200 horsepower powered the airplane. A motor of 525 horsepower will be used. Also, it is to be the first to be run at a normal cruising speed.

The pilot will ride in an open cockpit with the regular express compartment is fitted up for the second man while off duty. This is the only change made in the stock plane.

Promoted



He's Brig.-Gen. James P. McKinley now, having just been elevated in rank and assigned to duty as assistant adjutant general of the army at Washington. He has been stationed in Panama, in the rank of colonel.

Insull Group May Enlarge In Eastern Trend

NEW YORK (AP)—Recent aggressive action by the Insull group of utilities in the middle west has revived reports of impending hostilities with the Morgan group in the east.

Eastern power executives say, however, that the prospect of serious competition between the dominant personalities in the utility industry east of the Rocky Mountains is remote.

"This is an era of cooperation," said one, "not of fighting for special group advantages with all the waste that such a policy involves."

The number of persons who can claim to have kept abreast of the swift changes in the utility outlook is small. Brokers estimate that most of the speculators, big and little, who have made the recent booming market for utility shares, have never made a serious study of the various merger programs.

Few have considered what stupendous developments hinge on whether J. P. Morgan and Samuel Insull elect to compete or cooperate.

Outside of the chief executive and statisticians of management and holding companies, the financial ramifications of power, light, tractor, water and gas enterprises on any one day are largely a matter of conjecture.

Maps exist which show the week to week kaleidoscope changes in ownership and management of various units in all parts of the country, but these are seldom available to the public.

A glance at one will show ground for the assumption that the Morgan group may clash with the Insull group. In certain sections neither can expand much further without "treading on the other's toes."

Mile Long Vacuum Tube Key To New Light Study, Tests Show

PASADENA, CAL. (AP)—Dr. Albert A. Michelson, unable to go personally into outer space to achieve greater accuracy in measuring the velocity of light, is constructing a huge device that in effect brings a section of interstellar space to earth.

Most of the travels of light are in the vacuum of interstellar space, and it is in this kind of vacuum that Michelson will produce, in a straight iron pipe a mile long and three feet in diameter, with the air pumped out.

The reason for using this vacuum is not interference by the atmosphere with speed of light, but possibility of distortion in delicate instruments due to atmospheric refraction.

The large vacuum tube is being constructed on an isolated, level plain on the Irving ranch near Santa Ana, Cal., a spot chosen for its freedom from traffic vibration.

In one end of the pipe will be a large reflecting mirror. In the other a little octagonal mirror, scarcely the size of a hen's egg, will spin 60,000 times a minute under the drive of compressed air.

A rotating fort will record the number of revolutions per second.

Serious losses to sheep flocks in British Columbia have been caused by screw worms.

There is no substitute for cream of tartar for fine baking



Cream of tartar is costly — so some baking powders contain only substitutes. Any baking powder will do an acceptable job. But ask any domestic science teacher which is wisest to use. Ask your doctor. Ask any pure food department.

32 Extracts - 47 Spices - 1 lb. Baking Powder - Tea



Take It Away

Turtle soup is no luxury to the people of Bermuda, N. C. This soup is made of 200 pounds of turtle, frequently are caught in fish nets.

War's First Victim?

It is believed that the first boat sunk in the World war was the San Wilfredo, a British ship sunk by a mine, August 3, 1914.


Long Chase

A girl in Johannesburg recently ran for 50 miles. The report doesn't say whether the man got away or not, the London News comments.

Harrison's Distinction

While other Presidents have died in office, William Henry Harrison is the only one whose death occurred within the White House.

- 1 Hungarian Paprika of the highest quality.
- 2 A rich salmon pink color that is beautiful as a garnish—the color you will find in Schilling Paprika only.
- 3 The flavor is entirely different—tangy—but mild—and never bitter.
- 4 Feathery in texture [never sandy]—slightly moist—so that it clings in its proper place in garnishing your attractive dishes.
- 5 In a handsome tin that is in perfect keeping with a well appointed table.



15c package of Schilling Paprika

FREE!

with Schilling Coffee

SATURDAY -- while the supply lasts -- you will receive a 15c tin of Schilling Paprika with your purchase of Schilling Coffee. We have your Paprika for you. If you cannot come to the store, just 'phone for yours.

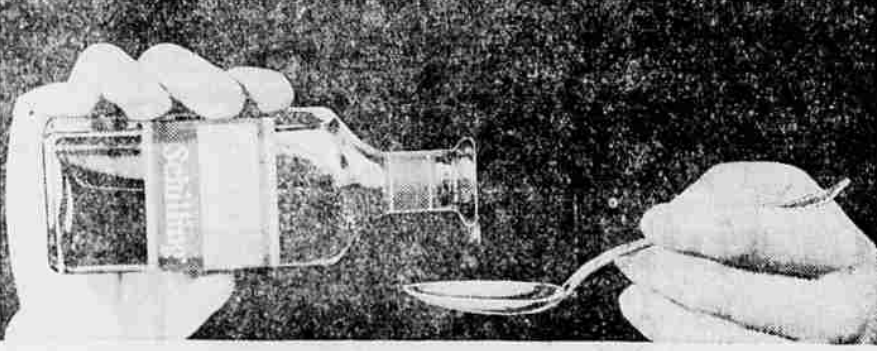


15c tin of Schilling Pastry Spice

FREE!

with Schilling Tea

SATURDAY -- while the supply lasts -- you will receive a 15c tin of Schilling Pastry Spice with your purchase of Schilling Tea. Your grocer has your Pastry Spice for you. If you cannot go to the store, just 'phone for yours.



30c bottle of Schilling Maple

FREE!

with Schilling Baking Powder

SATURDAY -- while the supply lasts -- you will receive a regular 30c bottle of Schilling Maple Flavoring with your purchase of Schilling Baking Powder. We have your Maple for you. If you cannot come to the store, just 'phone for yours.

Schilling Maple Flavoring is the one that has been used for years by thousands of Western women. One half teaspoon makes a pint of delicious Maple Syrup. Incomparable for desserts, sauces and cakes.

At Your Grocer

MONEYBACK—Your grocer returns your money at our expense, on any Schilling product for any reason whatever. Your statement is enough. Don't return the goods.

Coffee Tea Baking Powder 47 Spices 32 Extracts

Every Housewife Loves New Recipes

If you like to put good food on the table — as of course you do—you like to know and try new ways of preparing foods.

Mrs. McLean shows new ways, new recipes at the Cooking School—but she says being a good manager is just as important as being a good cook. Saving time and money — eliminating cooking failures and unnecessary waste. That's kitchen efficiency.

FEDERATION FLOUR, specified by Mrs. McLean, helps kitchen efficiency, meal economy. It costs no more than ordinary flour—is milled here in our own valley from select hard wheat—has more food value, better baking qualities.

Hundreds of Union county women use Federation exclusively. They know Mrs. McLean's judgement is good in using it. Get a sack today and use it when trying these new recipes. We guarantee your satisfaction.

Pioneer Flouring Mill Co.

Manufacturers of Federation Flour at Union, Elgin, Island City, La Grande