

'SMITHY' QUILTS FORGE TO BUILD OCEAN PLANE

Iowan Spends Five Years
on Craft to Span Sea
in 11 Hours.

By United Press
HANC, CK, Iowa, Aug. 31.—His forge sizzles and the horse-shoes rattle on their racks while S. W. Lambert, 74-year-old blacksmith, spends his days building an airplane that he believes will be able to cross the Atlantic in eleven hours. Lambert believes his craft will attain a speed of 300 miles an hour and in addition will be able to hop off from a standing position, "rarin' right up in the air" instead of having to taxi on rubber tires. It will be a cabin-ship with a pilot and four passengers.

Lieut. Glen Martin, a Hancock boy and war-time aviator, has consented to conduct test flights this fall.

Toiled Five Years

The past five years of Lambert's life have been devoted to the airplane slowly taking shape in his back yard, from parts whittled and smoothed and adjusted in his combined bedroom, living room and workshop, at the rear of the old blacksmith shop.

The shop itself he padlocked, being through with it forever. He enters it only under protest. Its only value, in his eyes, is a storage place for his cherished Hall-Scott motor.

"I started working on this airplane as a part-time job," he said. "I just got to thinking that I wanted to do it, and I might as well. And after I got into it, the blacksmithing bothered me so that I shut up shop."

Creates Each Part

As Lambert originated his airplane, he made each individual part different from such parts on all other airplanes, as he had studied them in aviation magazines.

He developed a cyclonic propeller, now patented, with a swirl on the end of the blades, a four-purpose stabilizer; an uplifter, to take the place of the conventional landing gear; a different wing shape, different fuselage and tail type and different ailerons. In its every line the airplane is Lambert's own idea.

No working drawing or blue print aids him. He made a model, but he gave it away as a bird house.

Won't Bobbie be lonesome when Mary and Jim start back to school? Why not buy him a pet to play with. There are some real ones offered in the Pet and Live Stock Want Ads.

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Learning How to Fly—NO. 9 Improved Air Laws Needed to Promote Safety of Aviation

This is the last of a series of articles in which Captain Malcolm J. Buchanan, writer for the Times and NAA Service, explains the use of the airplane and pilot with the U. S. Army Air Corps on the Western front during the World War and is now on the editorial staff of the Ft. Worth (Tex.) Press.

BY CAPT. MALCOLM BUCHANAN
The Government has placed aviation control in the hands of the Department of Commerce. Congress, upon recommendation of the department, has made rapid strides in passing laws to control flying. Three to five years ago it was no uncommon sight to see planes flying commercially, that were not only unsafe for their pilots, but for everyone around them.

Laws Needed
Would-be pilots all over the country, who could raise enough money to do so, bought old worn-out planes, took flying lessons and started carrying passengers. I have seen pilots, who could hardly keep a ship in the air hang out their sign and begin commercial flying. In many cases this was suicidal.

At that time there was no way to stop this unsafe practice. Laws were needed to curb the untrained and reckless aviator, who endangered his own life as well as the lives and property of others.

The laws now are good as far as they go, but there is room for much improvement and coverage. It is up to the States to come in and do their part, both as to lawmaking and enforcement. For today, as long as a pilot does not cross a State line he cannot be touched by national law, regardless of his incompetence.

The unlicensed pilot with the unlicensed ship is still a free lance and allowed to do as he sees fit. In most States there are no laws to prevent him from hauling passengers.

Public Realizes Peril

But today the public is beginning to wake up to the fact that the unlicensed ship and pilot are unsafe, and as this becomes more generally known the unsafe operator will be forced from the field and flying then will be on a better basis.

The commerce department now requires pilots to obtain a certain rating for one of the three classes of flying that he intends to engage in: transport, license and limited. Certificates for each are issued for six-month periods, at the end of which time they must be renewed by examination.

Airplanes must be approved by a department of commerce inspector, and when passed, a certificate, which must be displayed in a prominent place on the ship, is issued. The machine is given a number and an initial. These usually are painted on the upper and lower wing and on the tail. Planes with numbers only are merely identified to show that the pilot has applied for inspection. The initial will be added when the inspection is complete.

Licenses Revocable

Under existing regulations the unlicensed pilot is not allowed to fly a licensed ship. Neither is the licensed pilot allowed to fly the unlicensed plane. Infraction of these rules may mean a loss of license.

Laws governing acrobatic flying

Air Minded

By Times Special
GARY, Ind., Aug. 30.—An airplane owned by Vern U. and Martin Young, local theater proprietors, who use the machine for business trips, is to be sent back to the manufacturer at Davenport, Ia., for repairs to its wings, eaten away by moths. The plane was landed at Marion, Ohio, in a field where several moths were pastured. At night they ate away considerable portions of the wings.

over airways and cities are in effect as well as rules which set the altitude at which pilots must stay while passing over designated territory.

In most States low flying is prohibited, and there is also a national law which has to do with the phase. But it is necessary for the States to back up the Government all the way if the proper results are to be accomplished.

Just as a ship at sea, the airplane, when flying after dark, must have displayed the proper navigation lights. Mechanics and riggers who work on the machines must also have a certificate to insure proper work being done.

Use Plane on Visit

By Times Special
FRANKFORT, Ind., Aug. 30.—Max Fowler, local newspaper publisher, accompanied by Tot Douglass, used a plane to fly to Connersville for a visit with George S. Tatman.

Airport Company Formed

By Times Special
MARION, Ind., Aug. 30.—The Marion Airport Corporation has been formed with a capital of \$10,000 to take over the airport recently established here by the Junior Association of Commerce. The corporation includes Arthur E. and Frances Thompson, Marion, and William O. Thompson, Gas City.

Seeks Air Mail

By Times Special
FT. WAYNE, Ind., Aug. 30.—The local Chamber of Commerce is questioning business men of nearby cities regarding the amount of patronage they would give an air mail and express service. The chamber is endeavoring to have Ft. Wayne placed on a trans-continental route.

Chicago Installs Beacon

A beacon light, visible 100 miles on clear nights, has been installed on the Roanoke Tower in Chicago, local fliers report. The light is the first beacon combining revolving searchlights and neon tubes.

It is placed on a forty-five-foot hexagonal steel tower, giving it a total elevation of 250 feet from the sidewalk. At the top are twenty-four-inch, 8,000,000 candle-power revolving searchlights, and below these are twenty-four vertical neon tubes.

The light, known as the Chicago central aerial beacon, is operated from dusk to dawn. The searchlights are equipped with automatic

lamp-changing devices so no failure in service results when the life of an incandescent lamp has been passed.

The neon lights are flashed in code letters to guide fliers. One of the searchlights will be used later to indicate location of the proposed landing field in Grant Park.

Take Planes to Fair
Three airplanes from Hoosier airport, Kessler Blvd. and Lafayette Rd., were flown to the State fairground Wednesday to be on exhibition during the fair next week.

The ships, two Travelair bi-planes and a Velle monocoque, were piloted by Bob Shank and Orville Grimes of the airport, and Charles Cox of Murphy Motors, Inc., local distributors for the monocoque.

The planes were landed in the space between the half-mile and the mile tracks, and were placed between the Purdue Bldg. and the Administration Bldg. for display.

Fliers' Bodies Found

By United Press
PORT TOWNSEND, Wash., Aug. 30.—Spurred on by the finding of bodies of two victims of the missing Ford tri-motored Victoria-to-Seattle passenger monocoque, searchers today continued dragging Discovery Bay for the bodies of five others who were in the plane when it was lost last Saturday.

Passenger Plane Stops

Pilot A. Klotz, with Fred Foster as passenger, in a Buhi aircraft, landed at Indianapolis airport Wednesday on his way from Cincinnati to Tulsa, Okla.

In the Air

CONDITIONS AT 9:30 A. M.
(Compiled for the Times by Government Weather Observer, J. H. Arminstrong and Donald McConnell, Government aeronautical observer.)
Northwest wind 14 miles an hour; barometric pressure, 29.97 at sea level; ceiling, 1,000 feet; visibility, 2 miles; cloudy and hazy.

KNOCKED FROM BICYCLE

Morris Vestal, 14, of 2146 N. Illinois St., a delivery boy employed at the A. D. Borley drug store, 2602 N. Capitol Ave., suffered bruises when his bicycle was struck Wednesday by an automobile driven by Homer Evans, 19, of 402 Centennial St. Vestal was taken to the St. Vincents Hospital.

Sylvester Markley, 17, of 1118 English Ave., was cut and bruised Wednesday afternoon when his motorcycle collided with an automobile driven by Edward Lewis, 556 Fletcher Ave. He was taken home.

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Salvaged Plane



Capt. Frank Courtney's trans-Atlantic plane, abandoned in mid-ocean, here is shown as it rested on the deck of the freighter Volprato. After the fliers had been rescued by a passenger steamer the Volprato hauled aboard the wrecked seaplane. Note the damaged pontoon.

City Man's Father Dies
By Times Special
KOKOMO, Ind., Aug. 30.—James R. Johnston, 73, father of Tom Johnston, Purdue University publicity director, is dead of injuries suffered Monday afternoon when an auto driven by his son collided with a truck. He was brought to a hospital here after the accident. Other children besides the Purdue man are Fred G. Johnston, Indianapolis; J. H. Johnston and Mrs. Lester Bowman, Bluffton.

Nine Dead in Italian Cyclone
By Times Special
MONZA, Italy, Aug. 30.—A cyclone swept this ancient city and its environs Thursday night. Nine persons were known dead and forty seriously injured.

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BACKS PATROL PLAN

Council Head Favors Hiring
16 Deputy Sheriffs.

Plans of Sheriff Omer Hawkins, county Republican chairman, to organize a county patrol system with sixteen additional deputy sheriffs has been agreed to tentatively by George N. Montgomery, county council president, leader of the controlling faction which will pass on Hawkins' request for an additional appropriation.

Under the plan, eight substations manned by two deputies, one police officer, with a fast automobile carrying machine guns and other equipment for fighting lawlessness, would be established.

Efforts to put the plan into operation have taken on added significance in the last week, since the county council, controlled by the Hawkins-Coffin Republican organization, insisted that it be allowed to pass on the request, already killed by the county commissioners, a majority of whom are unfriendly to the Hawkins regime.

The request for the sixteen deputies at \$1,740 a year each will be taken up by the council Tuesday.

Child Fatally Crushed

By Times Special
NOBLESVILLE, Ind., Aug. 30.—Claude, 4, son of Ralph Spurgeon, farmer, was killed when crushed between a wagon and a post, after opening a gate for his father to drive through a team of horses.

Many Remedies Tried—then Resinol

CINCINNATI, Ohio.—"For the past year I have been bothered with eczema on my feet and limbs, from which I suffered the greatest agony and found sleep almost impossible. I tried all kinds of remedies and treatments, but got no relief. A friend suggested Resinol Ointment and I tried it at once. After applying Resinol Ointment I was able to sleep well all night for the first time in months. I am now entirely well."—(Signed) J. Cal. Wells.

In thousands of homes, Resinol Soap and Ointment are stand-bys for all forms of eczema, rash and other skin disorders. Put on the Ointment overnight. Then wash off with Resinol Soap in the morning. Use Resinol Soap, too, as your exclusive toilet soap. At all druggists.

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Lasting Relief.

It is an acknowledged fact that constipation leads to over forty other serious diseases. Constipation tires you out, saps your energy, causes pimply skin, bad breath, headaches, dulls your brain and causes awful stomach disorders.



MR. MILTON ROE
Photo by Northland Studio

It will weaken your entire system. You can see that it is necessary to drive away constipation, and Konjola, the new medicine has proved itself a compound that is able to do just such a thing—rid your body of poisons and restore the inner-system to normal action. Reports from former sufferers are received almost daily by the Konjola Man at the Hook drug store, Illinois and Washington streets, Indianapolis, where crowds are calling daily to find out for themselves about this remarkable remedy.

Just the other day Mr. Milton Roe, living at 1115 North Dearborn street, this city, made the following statement to the Konjola man: "Konjola is the first medicine I have found to end my health troubles and give me lasting relief from the stomach miseries I had been suffering," said Mr. Roe. "Hardly a day went by that I didn't suffer some kind of pain and I was beginning to believe I would have to go through the rest of my life with that half-sick feeling hanging over me all the time."

"The worst thing about my case was constipation. I had taken so many different kinds of laxative tablets that I honestly believe they did me more harm than good, because I noticed, from time to time, that I had to increase the dosage and there was always more of a strain in order to get proper elimination. Sometimes I had such headaches that I thought my head would burst and I was often subject to dizzy spells. A dull, sluggish feeling came over my whole body and I always felt tired and worn-out. My stomach, too, caused me a lot of trouble. I had a good appetite, but my food never seemed to do me any good. In fact, it would form like a hard knot in my stomach and sour and ferment, until my whole system was bloated with gas. Sharp pains would strike me in my sides and sometimes they were so severe they would take my breath away."

"I finally made up my mind to give Konjola a trial. After taking only one bottle, I could notice a difference and within a few days more there seemed to be new feelings of health creep over my whole system. Altogether, I have taken three bottles of Konjola and the relief it gave me is amazing. My bowels move regularly without the aid of laxatives at all and I have not had a dizzy spell since taking the second bottle of this medicine. This medicine gave me relief from my stomach miseries almost at once. That heavy lump in my stomach disappeared and now my digestion is perfect. I no longer have those sharp pains in my side and I can sleep all night through without waking up once. Konjola has certainly meant much to me and I will gladly tell others about it."

The Konjola Man is at Hook's drug store, Illinois and Washington streets, Indianapolis, where he is daily meeting the public and introducing and explaining the merits of this remedy. Konjola is now sold in all Hook stores and by all the leading druggists throughout this section.—Advertisement

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