Dakota Flyer

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NORTH DAKOTA STATE PATROL TO ENFORCE CIVIL AIR LAWS

Police Will Stop "Johnny Buzz Boy"

A two day school will be held July 26-28 at Bismarck by the State Patrol and peace officers in North Dakota.

The North Dakota state offenders will receive a crash course in law enforcement, a new state law effective July 1.

Patrolmen will investigate aircraft accidents, and reports immediately. They will be assisted by Ralph Holm, director of Aerodynamics, in the test. At the test, Olafson, director of Cosolot, assisted, and Roen, director of Airplane, was instructed by the State Patrolmen. "Our men will be trained in the handling of aircraft, and we will work on our enforcement of civil air laws," said Mr. Holm.

Recently having a major part in the recent flight of the Black Hills Air Fair was another known as the Hollywood Hawks. Shown in the above picture is Mrs. Broom, parachute jumper, upper left, Michael J. Ryan, announcer, lower left, Mrs. Ray Goody, center, Ray Goody, flying instructor, upper right; Ray Kuich, looping the "Johnny" with Warren Kingsley, standing on the wing, middle, and Sammy Mason, "king" of the Hollywood Hawks, lower right.

Dickinson Municipal Airport Dedicated

Dickinson Municipal Airport July 27 was officially accepted from the state by Joseph B. Bell, city commissioner, on behalf of the city. L. E. Lard, secretary of the dedication committee, who was vice-president of the Junior Chamber of Commerce.

The field was dedicated to all who have taken part in the progress of aviation, and particularly the state of the area which served as a center of World War II. It was estimated that some 2,000 people witnessed the ceremonies.

The Air Fair was Miss Mary Hesk, sponsored by Ward Johnson, Inc. She was elevated at the aviation dance at Bagdad Sunday night, July 26.

Miss Fair Air Fair by plane was the price for being the winning contestant.

Flying Showroom

In North Dakota

The Atlas Flying School, out of the Bismarck Supply Co., was opened forinspection at Bagdad and Fargo recently. sponsored by the Standard Oil Company, the plane is equipped with a full stock of products.

Men flying the Atlas planes were Wilbur Dahl, commissioner of agriculture; N. O. Jones, state highway commissioner; A. F. Lathrop, mayor of Bismarck; Myron Atkinson, city auditor of Bismarck; Senator Milton Rue, state traffic director; Universal Motor Co., Harry Potter, airplane manager; Elmer E. Watson, aviation director; Donald Waters, manager of Blan- dans; J. C. H. Jackson, fireman of Flamingo; retail sales head of the oil firm.

Men, Materials Flown to Hettlinger for Hospital

Hettlinger, N. D.—Clay Roberts, superintendent of the Hettlinger Hospital, and R. B. Va- sskay, member of the hospital committee, made a 400 mile trip to procure mason and roofing materials for the hospital.

The men hired two mascons of Jamestown and purchased pitch and roofing felt at Dickinson. Trucks were sent out to the airport to pick up materials.

Men. Oscar Wintchell, only operator in a 600-square-mile area around Melford, Al- abama, tends to the sick by plane.

Fou trees are blown by air. Interest in split head weights, they seek upon reaching the ground.

(Continued on Page 8)
Farmers Get Credit For Air Pioneering

With the arrival of the '47 newspapers and air mail in rural communities, evidence is mounting up that farmers in a rural state are the nation's most faithful aviators.

True, many farmers are more interested in farming than flying, but the combination of the two can be a great asset to the nation's economy.

Many Farm Pilots

Aerial-mail service is but one of the aviation developments pioneered in aero-rural "47.

Among the first who performed by planes were experimental farm-ers (a few) and forest rangers. In succeeding years the airplane has become a handyman to the farmer — until now thousands are daily used on farms and ranches.

In addition to the thousands of farm pilots, 7,500 farm-ers are active in volunteer warfare. By chartering the Weather Bureau to accurately chart storms for military, naval and commercial pilots, Pilots on farm planes run at 60 per cent of normal plane miles in the next few years.

Open New Markets

The airplane has opened your farm as a valuable instrument for all rural enterprises. It is opening up new markets for farm products, and is a strong national defense tool.


BUDDY RANCH AIRPORT
MORA, NORTH DAKOTA

SPEND A FLYING WEEKEND IN THE BADLANDS
CARING—EATS—SADDLE Horses
CIRCLE RANGE FOR TRANSPORTATION FROM AIRPORT
\$25.00—AVIATION GAS & OIL
AVAILABLE AT ALL TIMES

Dakota Flyer Now Official Publication

At the second annual Flying Farmers and Ranchers meeting held in Bismarck, June 29, the Dakota Flyer was named the organization's official publication.

News, articles, features, most essential to rural flight will be submitted to M. C. Allenburg, Sec. T. N. Farmers, North Dakota, eight miles north of Bismarck. The Dakota Flyer, where it will be edited and published monthly.

The Dakota Flyer will reach every part of the state, and every member of the Dakota Farmers and Ranchers Association.

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Historical Models Are Displayed

Washington, D.C. — Amazingly detailed models of airplanes and missiles, which tell the long story of man's effort to fly are on display at the Commerce Building. They are gifts to the Civil Aeronautics Administration from the nation's aeronautical industry.

Aeronautical equipment is working toward 1,500 mph speed. That's about 25 minutes coast-to-coast.

ATTENTION FARMERS AND RANCHERS

WHO FLY OR PLAN TO FLY
YOUR MEMBERSHIP IS NEEDED IN AVIATION'S FASTEST GROWING ORGANIZATION

THE NORTH DAKOTA FLYING FARMERS AND RANCHERS ASSOCIATION

M. C. Allenburg, Sec. T. N. Farmers, Bismarck, North Dakota

CLIP COUPON.

Dear Mr. Allenburg,

I am a farmer (rancher) who owns an airplane I have been interested in joining the North Dakota Flying Farmers since some time, but haven't had any further information as to how I may become a member. Please send me all necessary information.

Thank you,

Name:

Address:
A Lutheran Miss.
LEMON CIRCUIT AIR FLD.

Serving the most extensive air
parish in the nation is Rev. Nor-
vil Hegland, 35, Evangelical
Lutheran Church pastor of Len-
mon. The first air parish in west-
ern United States began July 2,2,0,
when the young Lutheran pastor
was installed at Lemmon, South
Dakota.

The parish is sponsored by the
Department of Home Missions of
the Evangelical Lutheran Church,
which has its episcopal head-
quarters in Minneapolis, the
parish will cover 185 square miles
in western South Dakota.

Rev. Hegland will serve five
established congregations, togeth-
er with numerous preaching
places, throughout this area. The
five congregations, who have
long been without pastors, are
located at Florence, Ethan, Mar-
necolin, Revold, and Zula.

A licensed pilot, Rev. Hegland,
will cover this territory flying a
Piper Super Cruiser. The plane
was a gift of the Young People's
Luther League of South Dakota.
He will use his plane to perform
the regular functions and also plan
to use it for emergency
hospital calls, some of the
necessities of his far-flung
parish.

Born February 2, 1915, near
Plentywood, Montana, Rev. Heg-
lund is a graduate of Concordia
College, Moorhead, Minnesota,
and Luther Theological Seminary,
St. Paul.

Upon graduation from the sem-
inary Hegland accepted a call to
parishes in South Africa as a
missionary for the Evangelical
Lutheran Church Prevented
from going to South Africa
because of the war, Hegland serv-
ed as pastor in Pierre, South Da-
Kota, before becoming Dean of
Men and a Chemistry professor
at Concordia College, Moor-
head.

He has been pastor at Miles
City, Montana, since June 27,
1938. He resigned his parish to
take up his new ministry. While
pastor at Miles City, Rev. Hegland
used an airplane to do some work
in the surrounding area. His pi-
ter is also an accomplished pilot.

Rev. Hegland is married to the
former Margaret Bransch of Mor-
rovia, Maryland. They have
two children.

From five to seven years are
required to bring a new military
plane through the design stage
to production and combat testing.
Aviation News From Our State Capital

Aeronautics Commission Organized

July 17, 1947, members of the Aeronautics Commission met at Bismarck. They held an election of officers with Wesley Zeller, Minot, chairman, Dalton Grand Forks, was elected vice chairman, and M. Peterson, Bismarck was re-elected secretary. Committees were appointed and charged with the duties of various other aviation activities which will arise during their term of office.

Aeronautics Commission Enforces Regulations

At the meeting of July 17, the commission decided upon new provisions of enforcing aviation rules and regulations. The laws were approved by the Attorney General's office and made effective, July 24.

The rules are as follows:

Part A : ACCIDENTS - which requires all accidents to be reported immediately.

Part B : PILOT CERTIFICATION - under which each application for pilot license will be investigated by the North Dakota State Patrol and by car police. Sheriffs and other Peace officers.

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Part 20 Physical Standards for Airmen - will be checked to determine if they have a good certificate of physical health.

Part 43 - General. Peace officers under this rule all officers may and shall be examined. The results are then registered, equipped, marked and listed. The Air Traffic Rules.

Under this part all police officers are authorized to enforce contact and instrument flight regulations by the Civil Aeronautics Board.

Protect Your Valuable Records

IN MAIN BISMARCK, N. DAK.

Gallahan & Shpley

S. W. MAIN, ATTORNEY

R. F. E. R.

In August 1947, approximately 3,500,000

Women traveled by air transport.

Uncertainty Costs Industry Millions

Financial reports show America's aircraft Industry is in a severe plight, faced with definite, long range national air policy. Seven of the 13 major producers report losses for 1946, attributed to the rising cost of equipment, parts, and overhead. The result of this situation is that the industry, which has been dependent on government contracts for continued production, is now forced to look elsewhere for a market for its products.

Aviation SALESMAINSHIP IN AVIATION

By Erich A. Nasset

North Dakota bids fair to harvest one of the largest bumper crops in history. As a natural result of this bumper harvest the state in the possession of every home owner in the state. It would seem that this would be extremely important to aircraft dealers throughout the state.

One year ago there was an unprecedented demand for airplanes. This was caused by the pressure of the war and the impetus of the war on aviation development. Suddenly, however, it appeared that a buyer's market had come about. As of today the aviation industry. Everyone was of the opinion that any aircraft on the market would be bought at any price. As of today the aviation industry is in a buyer's market continue to increase correspondingly with the prices of other products.

For example: A convertible deluxe automobile in 1949 that sold for $500 completely sold for approximately $1,900 today, depending on whether or not it had a radio. At the same time, an airplane costs $1,500 in 1945 today only costs $450. Therefore the anticipated increase in the price of aircraft is 10-20% less than the increase in the cost of automobiles. It would appear that this would be a reasonable selling point.

Built in 1935 and 1936 people in North Dakota had very little money. Automobile sales were extremely small, but one recalls several farms putting their ten down on a demonstrator to drive out the country and see what they wanted. At an average of 100 miles a day, and did not sell one automobile that day. The next day driving 200 miles and at the end of the two days they had sold two cars.

As a matter of policy, it would seem that the same sound business practices used in other businesses might be practical in the aviation business. If the customer doesn't come to you, you have to make him come in the state today, and in many other states where the salesmen are contacted with the proper kind of men (please make it honest), the products can be sold. One could increase the number of aircraft in your locality can you expect your business to grow.
Model Plane Contest Scheduled

The 1st International Model Plane contest will be conducted at Detroit, August 13-15. It is expected to be the biggest in the annals of Model Aviation.

Announcement was made by R.D. Sommerville, general sales manager of Plymouth Motor Corporation, sponsors of the contest. Application blanks are available from Contest Headquarters Box 250, Detroit, Michigan.

No application, entry or fees are involved in the contest. Five hundred of the world's leading and best-known model flyers will receive invitations to attend. Selections will be made from winners of state and R.A. state contests.

Entries will be received for models, from all types of contests, and from certified high performance flights.

Special arrangements for the winners of workshops for the 500 selected contestants were also announced. The winners will be made available for model flight for the contest, at Michigan State University.

The Army at Selfridge Field has set aside 500 acres of classifying area for the outdoor event and has closed the field to all flying for the contest.

Hotel reservations will be handled by a special contest representative when requested.

In World War I the aircraft industry had the lowest profit rate of any war producer. Its average rate of profit from 1917 to 1918 was less than two cents on the dollar.

"Scrap Book" Reveals Aviation History

1929 Northern Airlines Made Their First Official Flight

The "Scrap Book" of Mark J. Krider, reveals that he and Miss Hazel Hanson, were the first passengers on the newly formed Northern Airlines.

It was flown from Minneapolis, on the Northern Airlines, August 29, 1927. Mr. Krider and Miss Hanson were guests of the company upon arrival at their destination. Mr. Krider at that time was selected by the Northern Airlines' board of directors as a special air port committee at Wakespoon, which was active in the promotion and development of the new airport.

Northern airlines were using the original "Dakota" model of the Cessna Aircraft Company model. John Martin Jenson, the winner of the "Dakota" race to the Hawaiian Islands that year.

Leaving Wakespoon at 8:00 Saturday morning, August 29, 1926, the party flew direct to Minneapolis, Minnesota, landing at 11:40. They were met at the field by taxis and taken downtown to the office of Universal Airlines, now on Twelfth and Washington Avenue.

Theaircraft was provided with the new field in one of the best The article said, even with two weeks work, it compares favorably with the Minneapolis field. When completed, it is expected to be the last word in airports.

The aircraft is a small, slow machine, which has a capture trip was made in two hours and five minutes.

(Continued on Page 8)

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DAKOTA FLYER

PAGE 5

1946 CUBS - $1550 & UP

Relicensed-Motor Just Majored Excellent Condition!

Wings, Struts & Other Used Airplanes
Parts for Taylorcraft-Aeronca TaI & Chief

BISMARK AVIATION CENTER

STINSON

AERONCA

North side of Field
Bismarck, N. Dak.
AIR TOUR QUEENS AT BELL AIRPORT

Left to right: June Fredrick, Doug Wakefield, manager of Davis Lake airport.

Picture was taken at Bell airport, Jamestown, where pilots and planes landed for breakfast during the North Dakota tour.

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Intercommunication and Sound Systems Modemize Your Airport-Business Organization or Home

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Mandan Sound Equipment Co., Mandan, North Dakota

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The Finest of Its Kind in the Northwest
Open from 6 a.m. to 9 p.m.
The Finest Service as You like It
HERB LEUPP, Operator
WASHBURN, N. DAK.

FILL ALL YOUR AIRCRAFT NEEDS at...

CAPITAL AVIATION CORP.
Municipal Airport
Bismarck, North Dakota

CAA Urges Completion Of Contracts

Civil Aeronautics Administration now has seven plans either completed or under way, on the design of cross wind landing gears. They have committed to dates of $15,000 for each development.

Northrop Aircraft, Inc., builders of the tri-motored Pioneer transport, will provide CAA with designs for a development of a new landing gear for the new plane. Northrop will build the gear and test it on own plate.

The earth contract signed by CAA with Goodyear Aircraft Corporation for design and cost of a controllable wheel landing gear on a DC-3 transport. The gear will be applied to a plane belonging to the CAA.

Another recent contract is with the Bell Hours Aircraft Corp., All American Aviation, Inc., for their twin-engine Beach Formula Aircraft Corporation, which supplies the gear to the CAA.

Two contracts already have been completed successfully with Goodyear Aircraft Corporation to construct a Poster 45, and the Fokker F-22 Fokker Passive Slipstream Development of the Fokker Aviation Corporation.

The CAA is waiting for the completion of the other contracts, to be followed by a product of adoption of the principles in prototype models so that the inherent advantages afforded can be realized to the benefit of aircraft users and airport operators. The contractors are working on this research money is being expended in aircraft tests by John Genere, consultant, Westfield, Mass.

WE WELCOME Your Telephone Orders, or Drop In.

—The Publisher
Miss Jane Wood

Miss Jane Wood, former secretary at Bismarck Aviation Center, Bismarck, North Dakota, is using her aviation knowledge to continue flying for pleasure.

She said that as child she dreamed of becoming an aviator. "There should be more girls attracted to the glamorous and thrilling field of aviation," she said.

"I want $150 or its equivalent in a late model car for this beautiful aerobatic trainer STA. Ship has new tires, radio and lives than 70 hrs on new engine. For further information WRITE or PHONE R. C. HAWK, READY FLYING SERVICE, BUDGY, NORTH DAKOTA."
NORTH DAKOTA'S FIRST air tour queen, Elaine (Pat) McNell, Minnewauken, and her two assistants, June Fredrickson, left, 415 Avenue F, and Arlene Rusch, Jamestown, give out with a big smile for the benefit of cameramen after being chosen from a field of 27 candidates at the first annual North Dakota Air Tour show in Jamestown Saturday night.

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**SCRAPBOOK** REVEALS AVIATION HISTORY

(Continued from Page 5)

Both parties were enthusiastically

receiving the trip. They said

people little realize how wonder-

ful the country is from the air

they have experienced such a trip. They predict the air line

will even become the national

mode of transportation be-

tween Washington and points

East. Each one wanted attention

given all on his power to assist

the quota asked by the company

to guarantee a service that will

put Washington on the air map to

stay.

Airplanes to be present for

the dedication of the airport in-

cluded the latest Stinson-Decurve-

tor, six-passenger, and a Missouri-

two passenger, both monop-

planes. In addition they expect

at least 15 other planes at the dedication of the new field.

The Stinson-Decurve-tor pre-

sents the original development

of Flight, the Northern Airways

made on their first official trip

of August 35, 1928.

UNCERTAINTY COSTS INDUSTRY MILLIONS

(Continued from Page 4)

Low Profit Rate

During 1941, twelve major pro-

ducers in the industry made a

total profit of $60 million on

sales of about $4 billion. Last

year this same group of produc-

ers had a net loss of more than

$5 million, even after tax car-

dybacks.

The industry faces serious wor-

kings financial problems. Without a

stable, continuous program, it is

difficult if not impossible to ac-

tain new capital whereas, a lot

of money is needed to launch

any large project. Ten years ago,

the most advanced bomber cost

$600,000 to develop; the latest true planes run about $210,000. The engines that pro-

ducers claim largest four-motored

transport costs more than $50

million to develop.

POLICE WILL "TOP" "JOHNNY RUSS BOX"

(Continued from Page 3)

The boy arrested will have the

effect felt on other violators.

The discretion in an arrest is

made slowly, and many reasons

of your charges, including,

the wording parts to the patrol

officers.

Charles Cox said, "We are en-

couraged to make aviation grow.

This will be one of your most

interesting assignments of your

law enforcement duties. You will

become acquainted with your air-

port operators as well as your

right hand man, you will get to

know the Goof-Joe's and those

shifty-eyed individuals. Together

you will be doing one of your

greatest and most important du-

ties." Friday, July 25, flight demon-

strations were held at the mu-

icipal airport of various volunteer

clubs. Demonstrations were flown

by Donald J. Hovind, Houston;

Karen, and Harry Potter.

The school closed with patriot-

cow and aviation authorities in

hopes that the sponsors Civil Air

Regulations in North Dakota will

cut down accident and casualty

rates in private flying.