



Yesterday

Tomorrow

Minnesota Aviation History And Education Center

P. O. Box 7884, St. Paul, MN 55107-0884

Today

History

Web <http://mnaviationhistory.org> ***Note Change**

3rd Quarter 2012

MAHEC

An organization devoted to Aviation in the State of Minnesota and its connection with the growth and development of aviation and the people, companies, organizations that have, are and will participate in the future growth of aviation.

YESTERDAY HAPPENINGS

AUGUST

- 1 1918 – Ernest Groves Wold (Wold Chamberlain Airfield) a MN pilot, killed in action during WWI.
- 8 1949 – Crookston, MN airport dedication.
- 18 1956 - Cambridge Airport receives its license making it the 101st airport in MN.
- 27 1917 – Minneapolis, MN: Charles Lindbergh stops at Wold-Chamberlain Airfield during his nationwide tour following crossing of the Atlantic Ocean.
- 31 1962 – Northwest Airlines becomes the nation’s first all fan-jet operator.

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RECENT HAPPENINGS

What with that large aviation event taking place in Oshkosh, WI guess it is call the Annual EAA event and the volume of information being distributed occasionally interesting facts jump out. Recent e-gram, think that is what it is called, indicated that 171 Piper J-3 Cubs were on the field. Does not sound like many but again considering age it sounds like a lot.

Further thinking got me heading for the Piper web to find out just how many were built over the years. Just considering the civilian version a total of 14,125 were built of which 10,000 were built by the end of 1941. Military versions, O-59 and L-4 totaled 5,703 for a grand total of 19,828. Yes, 171 is a small number however considering age it is a significant number. Should have checked on current number registered in MN.

July was the month for the Fleming Field, South St. Paul Airport open house. Have not heard any attendance figure but it appeared to be substantial but room for growth. Unfortunately, the number that made it down to MAHEC was not large but those I talked to were interested. MAHEC first ever book sale table was set up outside the Terminal building with total sales only \$9.00 however again pre advertising not done nor advertising signage at the table missing.

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MEETING.

Membership meeting held the 4th Tuesday of each month at 7:30P.M.

EXCEPT July and December NO MEETINGS HELD.

Email notices sent prior to the meeting as a reminder to all and also notification of any changes.

Meetings normally held in the South Saint Paul Airport (Fleming Field) Terminal Building.

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SEPTEMBER

03 1945

MN State Fairgrounds closed; the army had propellers manufactured there.

06 1926

Gladys Roy, famous female parachutist, performs a parachuting act at the MN State Fair.

11 1956

The MN Air National Guard gets a home from the MN Supreme Court to expand Anoka so that the Guard can station itself there.

18 1948

The first Duluth air squadron is activated at ceremonies during the air show held that day, becoming the 179th Squadron of MN.

OCTOBER

01 1926

Northwest Airlines introduces the first closed cabin commercial plane, a three-passenger Stinson Detroiter.

03 1933

The MN Aeronautics Commission holds its first meeting at the Lowery Hotel in St. Paul.

05 1964 – Northwest Airlines receives the Flight Safety Foundation award for turbulence research.

06 1927 - Charles "Speed" Holman, famous MN pilot, returns to the Twin Cities after having won the Spokane National Air Derby.

15 1976 – The St. Paul Area Chamber of Commerce helps celebrate Northwest Airlines' golden anniversary.

29 1941 – Ted Belak, record glider pilot, visits Rochester, MN, for a gliding demonstration to popularize the sport.

Thanks to MDOT Aeronautics for above info.

Presidents Thoughts.

One again running behind with the production of the MAHEC newsletter, was my first thought toward the end of July. Not much of a thought to write a column about, for sure.

Oh, yes it is Oshkosh time of the annual EAA gathering. Lots of airplanes, people and of course pilots putting airplanes through interesting acrobatic programs. In the beginning these pilots were called BARNSTORMERS and today some of them are just that.

To be a barnstormer a pilot flew from place to place performing acrobatic programs plus selling airplane rides on a near full time basis. In their effort to make a living in this way they spent many nights sleeping on the ground under the wing of their airplane and days doing field repair as needed and considering this all started in the 1920's and 30's there was usually some repair work required.

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**NEVER TO LATE TO SEND IN
YOUR
MEMBERSHIP**

Any pilot can describe
the mechanics of flying.

What it can do
for the spirit of man is
beyond description

Barry M. Goldwater

Officers

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Volunteers

Museum Projects

Gary Kuhn, Clipping Collection

Ron Voelker, Projects

Torch Dorn, Flying Farmer Collection

Dale Johnson, Wright Flyer

Steve Atkins, Wright Flyer

Gary Schmidt, projects

+ You

And You

And also YOU

MAHEC Membership: New/Renew

Name(s) _____

Address _____

City _____ State ____ Zip _____

Phone _____

E-mail address _____

X Category

Individual ----- \$12.00

Family – Member & Spouse ----- \$20.00

Senior – 62 or older) ----- \$10.00

Senior Family – one 62 or older ----- \$18.00

Business Memberships ----- \$500.00

Non-Profit Org. 1 representative No Cost

Name and Address of Representative is

MN EAA Chapters & other aviation groups please note.

Areas of interest Antique, Classic, Other

Mail Application listing name(s), address, and category of membership to:

MAHEC P.O. Box 7884, St. Paul, MN 55107-0884 Attention Treasurer

At this time I would like to make a tax deductible donation to MAHEC in support of its cause.

\$5.00 \$15.00 \$50.00

\$_____ Other

MAHEC would like to thank you for your interest and donation a receipt for tax purposes will follow. Please list your name and address above.

MAHEC is a qualified 501 c 3 non-profit organization.

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This calls it to MAHEC leaders attention that various signage is needed, badly. Lysdale working on building signs but MAHEC needs to create portable signs of various types. There has also been some discussion regarding need to talk to Airport Manager – Glenn regarding location direction signage for directing visitors to various business and organization locations at street intersections and outside the Terminal on the tarmac.

LIBRARY – partial listing.

Minnesota Related

MINNESOTA GOES TO WAR – Home Front during WWII.

By Dave Kenney

Technical

Development of PISTON AERO ENGINES – 2nd Ed.
by Bill Gunston, pub. 1999.

Aircraft Hardware Standards Manual &
Engineering & Reference – Copywrite 1971
by Stanley J. Dzik

Airplane Structures, Volume I by Niles and Newell
2nd Edition 1938.

Mechanics of Aircraft Structures by Younger.
Copyright 1935, 1942

Fundamentals' of Aircraft Design by Leland M.
Nicolai, June 1975

Flight

Charles Lindbergh and the Spirit of St. Louis.
By Dominick A. Pisano & Robert Van Der Linden
Copyright 2002 Smithsonian Inst.

Lindbergh Looks Back – A Boyhood Reminiscence
by Charles A. Lindbergh
Published 2002 – MN Historical Soc. Press

Interesting Historical

MARINE WINGS – Stories of war and peace as
Written by the pilots. MN Marine Air Reserve.
pub. 2007.

Addition

Neglected to identify the pilot of the Tri-Plane, it was Minnesota's own Mark Holliday. Mark sent the following information regarding the taking of this picture:

Dick, that's me in the Triplane. We started at 5500 feet and spiraled down to about 2500. I was wide open and the Mustang had some flaps and stayed on the outside. Regards, Mark Holliday.



Coming Events

10.20.2012 - 9 AM TO 4 PM
Airline Collectible Show & Sale
Best Western Plus Motel/ across from
Mall of America. \$5.00 under 12 free.

MAHEC
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Minnesota had a number of this type of pilot a list would contain some of the following names: Clarence Hinck born in Litchfield MN. Federated Fliers, chartered July 8, 1919. Dick Grace born in Minnesota in 1898, Harold Peterson, Art Davis, Elmer Hinck brother of Clarence, Jack Malone born in Woodstock Minnesota, Walter Hallgren, Peter S. Rask, Al Opsahl, Glen Soden, Lt. Tattersfield, Horace Inman from Minneapolis, Minnesota, Wilbur Larrabee, Bill Butters, Art Williams, Ed Ballough, and of course pilots like Charles Holman who's background covered numerous areas of flight from barnstorming, corporate pilot for airplane owners, air races and also Northwest Airlines, Max Conrad, Jr born in Winona, Minnesota in 1903. As the Minnesota Barnstormer groups grew so did the states they visited and performed and the airplanes they flew. Why did these dedicated pilots stick with barnstorming, one reason was that they could have a week time job and fly weekends making as much as, or nearly as much as they could being a airline pilot.

Unfortunately, accidents did happen some taking the life of the pilot and passenger and some simply destroying the aircraft.

Continuing this line of thought brings around the thought of what pilots in Minnesota today would be considered Barnstormers.

Another thought for another day.

Information obtained from "Minnesota Aviation History 1857 – 1945" by Noel Allard and Gerald N. Sandvick.

2013 PLANNING TIME IS JUST AROUND THE CORNER

Thinking about new avenues for you business ads, why not try the MAHEC quarterly newsletter.

Cost per Quarter: (Submit scan able copy)

Business card size	\$ 5.00 per qtr.*
¼ page	\$ 10.00 per qtr.*
½ page	\$ 20.00 per qtr. *
Full page	\$ 40.00 per qtr. *

For additional information contact Editor at prmahec@juno.com.

***Discounts available on 1 year contracts for year of 2013 signed by Dec. 15, 2012 15%.**