

	<p>FT 3000 9000 12000 18000 30000 34000 BRL 1937 2215+18 2106+13 2706+06 3205-09 9900-19 DBQ 1922 2215+18 2106+13 2706+06 3205-09 9900-19 DSM 1919 2215+18 2106+13 2706+06 3205-09 9900-19 MCW 1709 2215+18 2106+13 2706+06 3205-09 9900-19 JOT 2229 2215+18 2106+13 2706+06 3205-09 9900-19 SPI 2028 1921+18 1911+12 9900+06 3611-10 3405-20 191034 161745</p> <p style="font-size: 2em; color: red; text-align: center;"><i>Winds Aloft</i></p>	
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EAA Chapter 790

Lake in the Hills, IL

790.eaachapter.org

November Chapter Presentation



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Michael Haupt made a fine very informative Presentation on Chicago area's early leadership in the burgeoning aviation industry and the Chicago Executive Airport.

Moffett, Tom Laird, Heath, Lear, Priester, Sally's Flying Service. Moffett established the Naval Aviator program at Great Lakes, Heath started an airplane catalog parts business, developed a kit plane, which could be purchased in \$5 increments, sold in Marshal Fields and eventually started the Heath Radio Co. with a purchase of a train car of Cathode Ray Tubes. Tom Laird built seven airplanes in Coal City with cantered wingtips and wing slats technique for turning., Lear-who was born in Chicago developed avionics instru-

mentation and of course the 8 track and yes the Lear Jet.

Priester expanded the then known Pal Waukee airport for extensive GA Flight training. Sally's flying service licensed over 3,000 private pilots. Priester sold the airport after having to pay lawyers to fight Com Ed who were planning a high power line off Wolf Road. Com Ed's position was Customers don't tell us what to do. Extensive private instruction decreased when three FBO's took over servicing the airport with exorbitant fuel prices, catering mostly to Corporate aircraft.





OLE'S CHALLENGE #5

No one has responded to my latest Challenge. Are they getting too difficult for you?

What will the freezing level be if the field elevation is 1000' and the temperature at the surface is 15° C?

What conditions are required for structural icing to occur?

What are the two main types of icing you may encounter in a light airplane

What factors must be present for a thunderstorm to form?

What is "temperature inversion" and what does that mean for an aviator?

What are the two basic ways that causes fog to form?

Give me four good ways to obtain weather information.

What is the plain language for this: METAR KBNA 1250Z 33018KT 290V360 1/2SM R31/2700FT+SN BLSNFG VV008 00/M03 A2291 RMK RAE42SNB42

Define MVFR.

What is angle of incidence?

What are four factor that contribute to the "torque effect"?

What is load factor?

How does an increase in load factor effect the stall speed?

What is the conventional procedure for recovery from a spin?

Give me six factors that affect the takeoff performance of an airplane with flaps

What is TAS when the CAS is 100 KTS, the pressure altitude is 14,000' and the temp. is 0° C?

What is the purpose of flaps?

What is the strictly technical purpose of the rudder?

Why do we have a mixture control in most of our airplanes – cars and turbine airplanes do not have any such control?

What is the strictly technical purpose of the rudder?

Why do we have a mixture control in most of our airplanes – cars and turbine airplanes do not have any such control?

Name all of the redundancies in the airplane you usually fly – show the type.

Send your answers to me at oleeva@sbcglobal.net

Enjoy.

Ole





NOVEMBER FLY OUT



What a beautiful day for a fly-out, Ole really knows how to pick them. Had a pretty stiff cross wind on take-off but Dave Boone did a masterful job. He looked for a hole to get up to 4500 feet and off we went. Speed demon Ole took off after us but did not pass us on the way.

We had a strong head wind which made it a little bit bumpy. Rich had a 40 MPH head wind and took it up to 6500 feet to fine a 50 NPH head wind. We found out that Perkins had closed up a month earlier so we went to

“Shots” which was great with fantastic service. Eleven people flew up which included Ole Sindberg, Dave Boone, Brad Delisle, Matt Van Bergen, Rich Oleszczuk, Tom LeGates, Ron Liebmann, Tom and Joyce Jackson, Jeff Dingbaum, and Jim Roozee. The trip back was fast, Brad flew just up into the jet stream.

We had a great breakfast with good friends.

Jim Roozee

DECEMBER FLY OUT

I have scheduled a fly-out to Portage Municipal Airport on December 16th. It is 96 NM on a track of 329° M from 3CK. There are two hard surface runways, one with 2560' and the other 3768'.

Plan to be at Portage Airport at 10:00. We will then have a short walk to a nice Hitching Post Restaurant. Let me know if you are going, have extra seats or need seats. Really – please call or email me.

As before, If the weather does not cooperate, Plan B is to meet at Colonial in Crystal Lake at 9:30.

Plan to buy some gas there – otherwise we are encouraging FBOs to start charging ramp fees. As you may know the AOPA is on a campaign against exorbitant fees charged by FBO's, particularly at airports with a single FBO. “Ramp Fees” have become common as a means of generating revenues when visiting pilot opt not to buy gas. We have to realize that in many cases the FBO's major source of revenue is fuel purchases, and if we do not buy some gas there, we will encourage them to start charging “Ramp Fees”. So – do buy at least some gas at the fly-out destinations.

Ole

Innovations for the Experimental Market

- BOM (Broadcasting Outer Module) Congratulations go out to Ananda Leon of **Levil** Co. for her outside the box approach designing equipment for the cost conscience consumer. Angle of attack, ADS-B, temp sensor, heading, altitude, Pitot tube air-speed, wireless connectivity –no wiring instruments. Battery operated with turbine charging, easy installation on lower wing inspection panel, and more.
- 875 Beacon for ADSb by **Levil** Co. Mounts to wing tip.
- E mag's from **E-MAG** They have a purpose-built electronic ignition, mated with a built-in permanent magnet alternator. E-MAGs automatically shift between the internal alternator and external (aircraft bus) power as needed

New Ideas: 50% of people believe it won't work, the other 50% listen to the first 50%.

New FAA Chart Symbols

In October this year the FAA released some new Aeronautical Chart Symbols. You can view these along with additional chart information for those of us who are a bit rusty on some not too often used notations. Here is the information for the FAA Users Guide. https://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/aero_guide/ click on "What's new" tab.

Don't pick a fight with seven men when you only hold a six shooter.

Colonel Potter on Mash, reading a Western Paperback.



Calendar of Events

December 5 Board Meeting at LITH Airport

December 16th Fly Out to Portage Municipal Airport

December 26 Chapter Holiday Party LITH 6:30 PM :) bring a dish to pass

January 20th Shop visit with Tod Whitmore and his scaled down P-51 project.

January 23 Chapter Meeting at LITH Airport

February 2 Board Meeting at LITH Airport

February 17th Annual Banquet, no chapter meeting, Location and details will follow in Jan.

March 20 Spring Begins, Chapter Meeting at LITH Airport

April 3 Board Meeting at LITH Airport

April 24 Chapter Meeting at LITH Airport

ANNOUNCEMENTS

- ◆ Matt Van Bergen has volunteered to be our 2018 Young Eagle's Chairman. Congratulations Matt
- ◆ Anyone interested in participating in a Chapter plane project and/or establishing a Flying Club., contact one of your board members. It will be presented at the next Board Meeting.
- ◆ On a Sad Note, Lon Danek lost one of his Grandchildren to Cancer a week ago.



EAA Chapter 790 Membership Form - 2018

or sign up on the Website under Chapter Membership

First Name: _____

Last Name: _____

Spouse: _____

EAA Membership Number: _____ (Must be an EAA member)

Street Address: _____

City: _____ State: _____ Zip: _____

Home Phone: ____ / ____ - ____ Cell Phone: ____ / ____ - ____

Email Address: _____

Own Aircraft: yes or no Model or Type: _____

Aircraft Project: yes or no Model or Type: _____

For Young Eagles

If you have completed Youth Protection training, what was the date _____

If you have completed the background check, what was the date _____

Dues

\$25.00 Family/Individual Renewing Membership _____ \$10.00 Family/Individual First-Time Membership _____

\$10.00 Out of State Membership _____ \$10.00 Student Membership _____

Please make checks payable to "EAA Chapter 790" Bring this form and payment to a members meeting, or mail to:

EAA Chapter 790, PO Box 1206, Barrington, IL 60011





This program offers financial incentives paid via various phases of design, construction and prototype flights. Any chapter members interested in participating contact Paul Ranieri

P.ranieri@comcast.net to sign up. Details of this program can be found on the following website. <https://www.goflyprize.com>.



Merry 
 *Christmas*



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EAA Chapter 790 Staff



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OFFICERS

President

Paul Ranieri

847/997-0135

P.ranieri@comcast.net

Vice President

Brad DeLisle

847/276-5026

delisle.nx@gmail.com

Treasurer

Tom LeGates

847/462-1791

trlegates@comcast.net

Secretary

Tom Solar

847/902-8347 cell

tomsolar@sbcglobal.net

Flight Advisor

Glen Brisson

847/438-7786

Herb Gottelt

847/439-3397

Young Eagles

Matt Van Bergen

847/561-0520

mvanbergen@gmail.com

Newsletter Editor

Tom Solar

847/468-9437

tomsolar@sbcglobal.net

Website

Tom LeGates

847/462-1791

trlegates@comcast.net

Flight Advisor/Tech Counselor

Ron Liebmann

847/352-8282

Mike Perkins

217/725-0628

Ole Sindberg

847/826-1935

DIRECTORS

Paul Ranieri

847/997-0135

P.ranieri@comcast.net

Brad DeLisle

847/276-5026

delisle.nx@gmail.com

Tom LeGates

847/462-1791

trlegates@comcast.net

Tom Solar

847/468-9437

tomsolar@sbcglobal.net

Lon Danek

847/381-4286

LDanek417@aol.com

George Roby

847/658-3655

groby51@gmail.com

Ole Sindberg

847/826-1935

oleeva@sbcglobal.net

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