

Volume 34

Issue 5

May, 2015



FT	3000	9000	12000	18000	30000	34000
BRL	1937	2211+12	2611+07	9900-09	20134	283444
DBQ	1922	2211+12	2611+07	9900-09	20134	283444
DSM	1919	2211+12	2611+07	9900-09	20134	283444
MCW	1709	2211+12	2611+07	9900-09	20134	283444
JOT	2229	2215+18	2106+13	2706+06	3205-09	9900-19
SPI	2028	1921+18	1911+12	9900+06	3611-10	3408-20



EAA Chapter 790

Lake in the Hills, IL

790.eaachapter.org



Presidents Column

Our May meeting is just around the corner and as usual it will be at Lake-in-the-Hills Airport but we are moving back to our summer location, Ted Lipinski's hangar. We are happy that Ted has once again offered his hangar for our meetings again this summer. We'll start cooking burgers and brats around 6:10 and last call is at 6:50 pm so come prepared to eat and talk! We will be available for a donation; everyone is encouraged to bring a small side dish to pass as well. Also, you DO NOT need to bring a chair, we have enough to go around. Besides our guest speaker on avionics, we will be awarding our annual Scholarship Award and the "Spirit of Aviation" award at this month's meeting.

Meeting Directions: Ted's hangar, (P60) is in the west-most row of hangars at LITH Airport. To get there, enter the airport at the south-most gate (south of Blue Skies). On the security gate keypad, punch in "#1228" (five keystrokes - Pound One Two Two Eight). You will hear a beep and a few seconds later the gate will open. Drive west as far as you can, taking you to the west-most row of hangars. Ted's

P60 hangar faces east. Park on grass anywhere in the vicinity, but please make sure your car does not overhang any hard surface for wing clearance. There is a lot of additional space south of Ted's hangar for parking. If you arrive after 6:45-7:00, you may have to park in the main parking lot by Blue Skies Pilot Shop and walk over.) Remember, last call for burgers is 6:50!

Sunday, June 28 –Fourth Annual Chapter Pancake Breakfast:

Our breakfast is only a month away and we need your help. As before, we are in need of your help to make this event a success. Besides the many aircraft that fly in to our event, it has become a great way to reach the community around the airport and show residents what the our aviation world is really like. We have served around 500 each of the first 3 years of our breakfasts. It's easy to sign up, just follow the link and sign-up today:

<https://docs.google.com/forms/d/18dVOB1bZxcyD-fhpsDEVURXL-ye8X6wKjT8Dua6TiFM/viewform>

Thank you for thinking of us and signing up!

May Chapter Meeting Presentation

For our regular meeting May 26th we will have Mike Saban, the owner of the Avionics Shop at Lake in the Hills Airport. Mike will make a presentation about some of the new avionics available, concentrating on the new Air Traffic Control System ADS-B. This system will eventually replace the present system largely based upon radar, and will be required by 2020 for those of us requiring Air Traffic Control services. There is ADS-B “in” and “out” and there is “free in flight weather” if properly equipped. But there is significant costs involved, and there is confusion about all of it, and Matt hopefully will help us understand it a little better.

The presentation will conclude with a Q and A session.

Scheduled by Ole Sindberg

ELECTRIC'S IN THE NEWS

The 2015 CAFÉ Symposium has concluded and the following interesting Presentations were made.

- ♦ Battery Material from Lawrence Livermore National Laboratory consisting of 3D Printing, Aerogel and Graphene.
- ♦ Affordable Sodium-Ion Battery Packs by Faradion
- ♦ Albatross and Regenerative flight
- ♦ Hybrid Propulsion system
- ♦ Siemens and Airbus's commitment to electric aviation
- ♦ Hydrogen Powered Quad copter by Horizon Energy Systems
- ♦ Green Flight Challenge (GFC) analysis

2015 Chapter 790 Scholarship Winner

It is time to announce the \$1,000 Scholarship Winner, "Drew Bryant"

Drew is a graduating High School Senior who is working part time for Finefield Aviation at Lake in the Hills Airport. "I have enjoyed this immensely. Since day one I have learned more and more about airplanes, maintenance, and aviation in general and I cannot get enough of it". Drew wants to be a missionary pilot and will be taking flight training this July in Alaska. "I want to fly in places, across the world that are very hard to get to any other way. I can save valuable time by flying in supplies or by flying those that need medical attention to hospitals". This Scholarship will help pay for fuel while in Alaska. Drew has participated in four Young Eagles flights and is working on his ground school through Sporty's and AOPA on line courses.

Congratulations Drew and we wish you the best in your Aviation Avocation!

Thanks to all Chapter 790 and the friends and families who have attended our Pancake Breakfasts and the

The Question Quiz?

Where was this taken? If you know the answer reply to Ron Liebmann email liebmann@comcast.net





Dear Sir or Madam,

Please allow me to take this opportunity to invite you to be an active participant in our local EAA Chapter 790 pancake breakfast fundraiser on June 28th at Lake in the Hills Airport. As you may be aware, the EAA is the countries largest volunteer general aviation organization. We continuously strive to engage the local community, particularly children, to join us in celebrating aviation. We do this by providing youth aviation scholarships, free 'Young Eagles' introductory flights and other events that promote youth in aviation, all with the generous support of our volunteers.

While our volunteer members do a wonderful job with the heavy lifting, we still need your support. We are asking the local business community to contribute donations of \$100 or greater per business to help support our event. In addition to the smiles and excitement these donations will translate into on our communities' youth, your business will be recognized at our pancake breakfast.

Each participating business will be recognized on banners at the event. Business names and logos will also be on all event fliers and marketing tools. If you desire, there will be space provided at the event where you may have any samples, demos or representatives from your company including point of sale (please contact 790 to make arrangements). Chapter 790 also invites our generous supporters to offer coupons at the event to promote foot traffic long after the event has ended.

We graciously accept any contributions you can provide and are expecting a turnout commensurate with previous years of about 600 guests. Thank you for your consideration in this matter and we look forward to partnering with you. Please make out to check to:

EAA Chapter 790 . Do not hesitate to call with any questions you may have.

Elton Eisele, n137ee@aol.com or 630-776-3653

Best Regards,

EAA Chapter 790

Elton L. Eisele, Chapter President

Your Name _____ Name of

Company _____

Address _____

Town _____ Zip Code _____

We will need a logo sent to: Rob Nelson, rob@drivebuymarketing.com



The **April Meeting** which was organized by Ole Sindberg, and was hosted by International Chef “Kenn Andersen”.



Kenn judged the fifth Chapter Chili Cook off and nominated all participants for the highest achievement in the art of Culinary Chili. Ken explained the origins of Chili and the various ingredients from varying cultures. He further talked about his cooking vocation beginning in his family, ignited by his Danish military cooking experience and moving onto a host of managerial experiences including the airlines and finally with the Chicago Archdiocese.

Kenn, Thank you for a wonderful and enjoyable evening!

EXPERIMENTERS CORNER

Also at the April Meeting, John Grosse “Glasair” and Dale Medendorp “Zenith 650” discussed their experiences test flying their own aircraft. Thanks John and Dale for sharing this vital information.



Members info

- Pancake Committee Meeting Members and Volunteers Needed- Contact Elton Eisele, see dates In Calendar of Events.
- Wanted airplanes, parts, technical advisors for Youth in Aviation Program. Contact Rob Nelson 847/962-9988 email; rnelson1969@earthlink.net

EAA CHAPTER 790

2015 Member Information

Please Print

Last Name

First Name

Spouse

EAA Membership #

Street Address

City

State

Zip

Home Phone

Work/Cell Phone

Email Address

Aircraft

Model

Own ____

Rent ____

Club ____

Building/Restore ____

I would like to receive the newsletter by: Email ____ U.S. Mail ____

Dues for 2015: \$25.00 Family or Individual ____

\$10 Student/Out of State: ____

Part of your dues will be used to support

Mail Check To:

EAA Chapter 790

Our Scholarship Fund

P.O. Box 1206

Thank Your for your support

Barrington, IL 60011

790 Calendar of Events

March 20-21 Leadership weekend EAA
March 24Meeting Dick Greenwood (North Pole adventures)
April 11Pancake Breakfast Committee Mtg (Panera Bread Algonquin. 9:00 AM)
April 18 ---Rochelle Airport Lunch
April 25--Air Zoo Kalamazoo--- with other EAA Chapters from northern Illinois
April 28 ---Chapter Meeting Chili Cook-off --Kenn and Mark Andersen presenters
May 19...Pancake Breakfast Committee Mtg (Panera Bread Algonquin. 6:30 PM)
May 9----Young Eagles
May 15-17---Trip to Ford Museum
May 26---Chapter Meeting- Avionics Talk-Mike Saban-Ted's Hanger P60 LITH Airport
June 6----Young Eagles
June 9 ...Pancake Breakfast Committee Mtg, Board Mtg-- 6:00 PM Lon Danek's house
June 13---Yokes and Spokes
June 23---Chapter Meeting-Ted's Hanger P60 LITH-- Invited Roger Keys to speak on the TDR-1 military pilotless drone manufactured in DeKalb at the Wurlitzer factory in the 1940's for the U. S. Navy.
June 20 ...Pancake Breakfast Committee Mtg (Panera Bread Algonquin. 9:00 AM)
June 28---Chapter Pancake Breakfast at Lake in the Hills Airport
July 20-26---Oshkosh AirVenture
July 28--- Chapter Meeting---AirVenture rundown, Ted's hanger P60
August 22----Young Eagles
August 23... Ken and Son's 20th Annual Day at the Hanger
August 25--- Meeting Guy Lieser -former ATC and now area speaker/instructor
Aug 30--- Sunday---Poker Run with other EAA Chapters from northern Illinois
Sept 12----Young Eagles
Sept 22---Chapter Meeting-- Paul and the FAA, Ted's hanger P60
Oct 9-10---- Air Force Museum, Dayton Ohio
Oct 27---Chapter Meeting-- AME--Dr. Greg Ostrom (to be confirmed) Ted's Hanger P60
Nov 24---Chapter Meeting-- Aircraft structures, Mike Perkins
Dec 22---Chapter Christmas Party
Jan 26---- A better Fuel System (2016)

**Send any of your aviation adventures, pictures, articles or humor
you would like to appear in the Newsletter to:**

["tomsolar@sbcglobal.net"](mailto:tomsolar@sbcglobal.net)

2015 Summer Calendar

EAA Chapter Events in the Chicago Area



www.eaa932.org



www.eaa95.org



www.eaa153.com



790.eaachapter.org



May

- 9th - Chapter 790 Young Eagles Rally at Lake in the Hills Airport (3CK)
- 9th - Chapter 461 Young Eagles Rally, see web site for location
- 10th - Chapter 1414 Pancake Breakfast/Young Eagles Rally at Poplar Grove (C77)
- 16th - Chapter 932 Salute to Veterans Pancake Breakfast at Galt Airport (10C)
- 17th - Chapter 579 Young Eagles Rally at Aurora Airport (ARR)

June

- 6th - Chapter 241 Young Eagles Rally at DeKalb Airport (DKB) 09:00 - 11:00
- 6th - Chapter 790 Young Eagles Rally at Lake in the Hills Airport (3CK)
- 7th - Chapter 241 Pancake Breakfast at DeKalb Airport (DKB) 08:00 - 11:30
- 13th - Chapter 932 Barnstormer Days Vintage Fly-in at Galt Airport (10C)
- 13th - Chapter 95 Young Eagles Rally at Morris Airport (C09)
- 13th - Chapter 461 Young Eagles Rally, see web site for location
- 14th - Chapter 1414 Pancake Breakfast/Young Eagles Rally at Poplar Grove (C77)
- 21st - Chapter 153 Father's Day Pancake Breakfast at Schaumburg (06C)
- 27th - Chapter 95 Fly-in at Aero Acres Airport (IL51)
- 28th - Chapter 579 Young Eagles Rally at Aurora Airport (ARR)
- 28th - Chapter 790 Pancake Breakfast at Lake in the Hills Airport (3CK)

July

- 11th - Chapter 461 Young Eagles Rally, see web site for location
- 12th - Chapter 1414 Pancake Breakfast/Young Eagles Rally at Poplar Grove (C77)

August

- 8th - Chapter 241 Young Eagles Rally at DeKalb Airport (DKB) 09:00 - 11:00
- 8th - Chapter 461 Young Eagles Rally, see web site for location
- 9th - Chapter 1414 Pancake Breakfast/Young Eagles Rally at Poplar Grove (C77)
- 22nd - Chapter 790 Young Eagles Rally at Lake in the Hills Airport (3CK)
- 23rd - Chapter 579 Young Eagles Rally at Aurora Airport (ARR)

September

- 5th - Morris Airport Open House (C09)
- 12th - Chapter 790 Young Eagles Rally at Lake in the Hills Airport (3CK)
- 12th - Chapter 95 Young Eagles Rally at Morris Airport (C09)
- 12th - Chapter 461 Young Eagles Rally, visit web site for location
- 13th - Chapter 1414 Pancake Breakfast/Young Eagles Rally at Poplar Grove (C77)
- 19th - Chapter 932 Planes & Puppies (Young Eagles/Animal Shelter fundraiser) at Galt Airport (10C)
- 20th - Chapter 241 Pancake Breakfast at Hinckley Airport (0C2) 08:00 - 11:30
- 27th - Chapter 579 Young Eagles Rally at Aurora Airport (ARR)

October

- 10th - Chapter 241 USO Hangar Dance at DeKalb Airport (DKB) 19:30 - 23:30
- 10th - Chapter 461 Young Eagles Rally, visit web site for location
- 11th - Chapter 1414 Pancake Breakfast/Young Eagles Rally at Poplar Grove (C77)
- 25th - Chapter 579 Young Eagles Rally at Aurora Airport (ARR)



1414.eaachapter.org



www.eaa579.org



www.eaa241.org



www.eaa461.org



Visit the chapter websites for more information about each event.

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