

FT	3000	6000	9000	12000	18000	24000	30000	34000	
BRL	1937	2221+18	2315+12	2613+07	9900-09	2407-20	202134	183444	1
DBQ	1922	2229+16	2330+11	2426+05	2418-08	2120-18	242633	223343	2
DSM	1919	2128+18	2234+11	2331+05	2214-10	2706-19	212334	203444	2
MCW	1709	2121+16	2438+11	2534+04	2528-09	2332-19	203434	204844	1
JOT	2229	2215+18	2106+13	2706+06	3205-09	9900-19	211433	182544	1
SPI	2028	1921+18	1911+12	9900+06	3611-10	3408-20	191034	161745	1



Winds Aloft

March 2014

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CALENDAR OF EVENTS

Tuesday, March 25 – Regular meeting, details to be announced.

Saturday, April 12 – John Peroutka's Cozy Mk IV workshop visit starting at 10 AM in Algonquin. See the article about his project and the workshop visit in this newsletter for details.

Tuesday, April 22 – Regular meeting, details to be announced. Note this is the 4th Tuesday of April, not the last Tuesday.

Friday and Saturday, May 9 and 10 – Oshkosh Weekend Experience. See the poster printed at the end of the newsletter.

Tuesday, May 27 – This is Membership May. EAA's Trevor Janz will be our guest speaker at LITH Airport.

Saturday and Sunday, June 7 and 8 – Chapter 790 OSH Work Weekend. See the President's Column below for more information.

Saturday, June 29 – Co-Sponsored Pancake Breakfast, LITH Airport, 8 AM – Noon, fly in or drive in. See the poster printed at the end of the newsletter.

ATTEND COZY WORKSHOP VISIT

John Peroutka is hosting a chapter workshop visit to his Cozy Mark IV project on April 12 at 10 AM. John is building a Cozy Mk. IV at his home in Algonquin. John and DeAnn's address is 6 Tregonwell Court, Algonquin, Illinois, 60102, and the phone is 224-569-6335. Please refer to the attached map for detailed directions. This is a great opportunity to see John's excellent work.

John gives us an update on his Cozy that you'll be seeing:

It has been a while since the last chapter visit to my project, so Ole Sindberg suggested having another one. He asked me to give a little information and update on this project. As some of you know, I am building Cozy MK IV. This is a plans build composite airplane, which means no kits and no prefabricated parts here. Every single part has to be built from scratch by first shaping the foam and then laying prescribed number of glass fabric / resin layers. This forms very light and sturdy structure.

The plane itself has very attractive lines and the performance is also impressive which drew me to it. This four seat single engine airplane cruises at 200+ mph which makes it great for cross country flying. I started this project several years back and due to some family events, had to interrupt it few times.

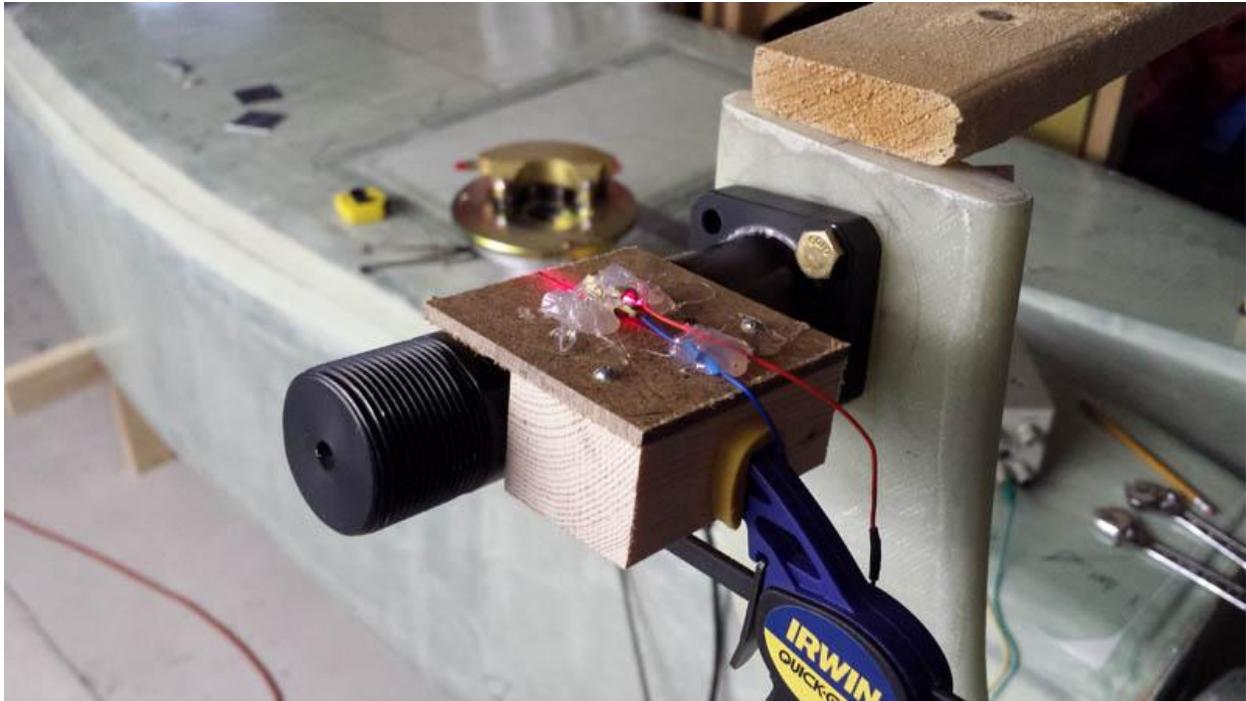
Last year was one of these times due to my wife job transition. Current status of the project is the bottom of the fuselage "the tub" is built, as well as the center section spar to which the main wings will attach. Also the canard is completed. Both main wings are 85% complete only requiring attaching lower winglets and cutting out rudders.

Since all of my work so far is done in the basement of my house, some parts cannot be completed here or I run into danger of not being able to move it upstairs. Some of them already look like it will be challenge. Last year I worked on attaching the main landing gear (which is basically big fiberglass bow) to the fuselage. A lot of work went into it, requiring milling some custom aluminum plates and the tabs were formed by laying up 90 layers of fiberglass. All then had to be lined up and attached to the existing fuselage bulkheads.





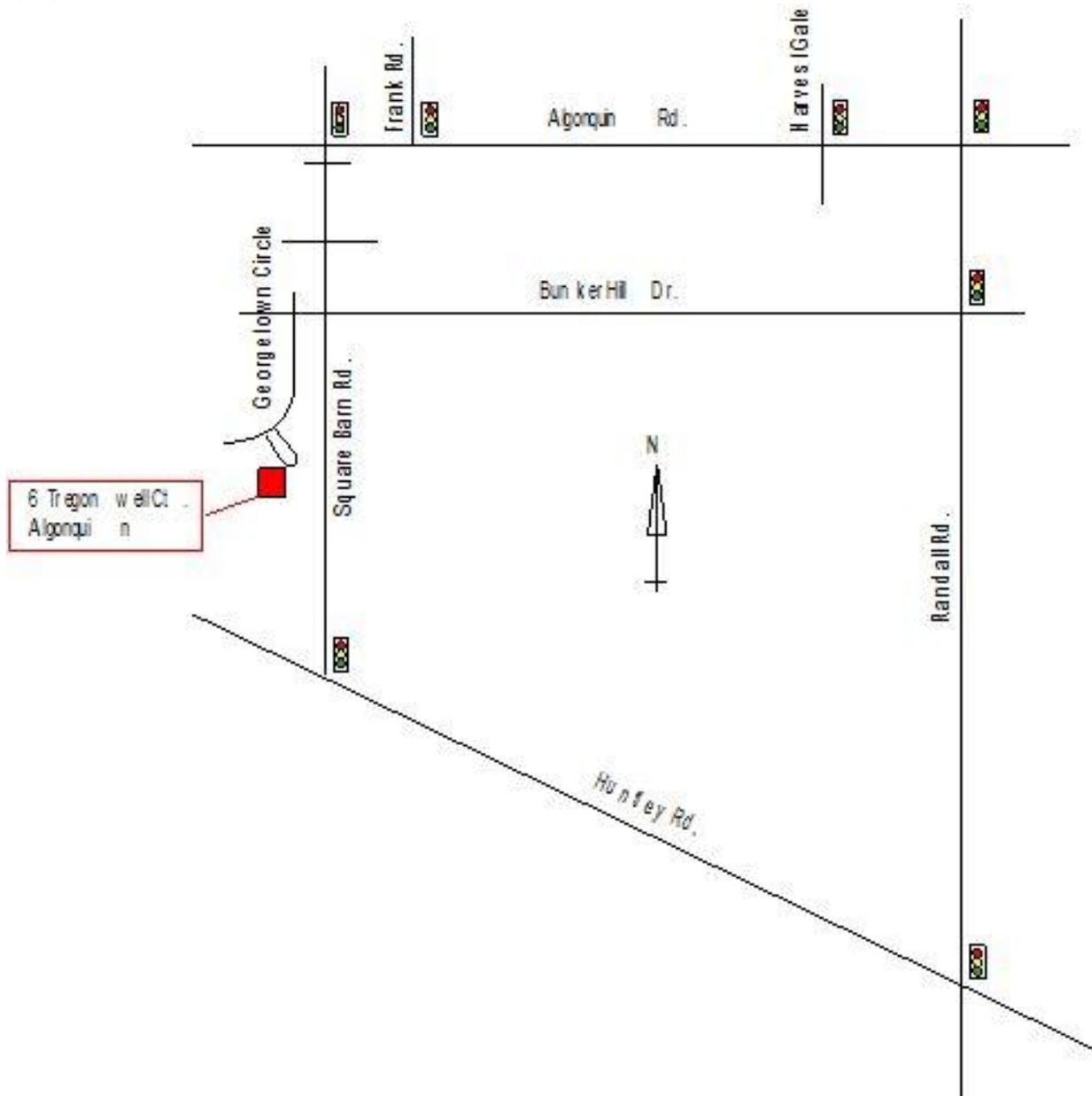
It was good feeling when the finished bow slipped between the bulkheads with zero play, making it very solid structure. I purchased MATCO wheel assemblies and the last work done was to build up and prep the areas for axle mounting.



I am looking forward to see many of you for visit to my project on April 12th from 10am. My address is:

John Peroutka
6 Tregonwell Ct
Algonquin, IL 60102
Ph: (630) 674-5858

We owe thanks to Ole for setting this up and John for his generosity in agreeing to host this visit.



PRESIDENT'S COLUMN

Great news! Things are really coming together for our "May Membership Drive". One of the final pieces just fell into place. We have Trevor Janz, who is the manager of EAA Chapters and Eagle Flights coming to our May meeting. He and I have already talked about putting out an email blast to EAA national members that includes a 20 radius around 3CK and a 10 mile radius from Barrington. We should get quite a few people to this meeting. It's a good time to bring a guest!

As pilots we live our lives with concern about weather and think about how to manage our paths to avoid it. As we look at our present weather, springtime looks as if winter will continue. How do you fly around a Polar Vortex anyway? As we find our eagerness to get up in the air continuing to grow it's time to get reacquainted with your fellow aviators at Chapter 790.

Just because we have had over 80 inches of snow and 48 days of subzero temperatures don't think we haven't been planning. Your 790 board has been busy at work planning a great spring and summer program for you to be involved with.

790 Chapter Meetings

Let's start with this month's meeting scheduled at the Lake in the Hills Airport. This coming Tuesday night, March, 25 the doors will open for this meeting at 6:30, with the meeting starting at 7:00. As usual, arrive early and have some hanger talk before the meeting. For this meeting, we are excited to have Ron Sachen with us as guest speaker. As stated on his website, for years, Ron Sachen has taken to the Illinois skies inside fixed-wing aircraft. In fact, he loves flying so much that he has dedicated his life to teaching others the joy of soaring through the clouds. To inspire passion in his students and ensure a comprehensive lesson, his classes emphasize hands on learning. Ron sees himself as a teacher of aviation with a flight instructor rating. He has been teaching flying since 1972 and has taught for more than 20,000 hours. In that time, he has developed many methods of teaching that improve the flight instruction process. Come hear more from this Gold Seal Flight instructor this coming Tuesday night!

Upcoming speakers 790 speakers include Al Engelhart, who created curriculum for and trained and recommended approximately 10,000 students for their Private Pilot, Commercial Pilot and Instrument Pilot written exams. Trevor Janz, who is the manager of EAA Chapters and Eagle Flights coming to our May meeting. You will get more information about that meetings in upcoming newsletters.

Young Eagles

May 17, at Lake in the Hills, 9-12- noon and 1:00 Chapter/Lake in the Hills get together and cookout.

June 14, at Lake in the Hills, 9-noon

July 12, at Lake in the Hills, 9- noon

Aug 23, Location TBD, 9- noon

Sept 13, Location TBD, 9- noon

Oct 11, at Lake in the Hills, 9- noon

We need your help with our Young Eagle flight days. Please consider coming out and being a part of these days. We need your help and it takes more than just pilots to run a Young Eagles day. There are many areas we can use your help in:

* Registration - Help with registration before Young Eagles (YE) go to preflight demonstration. This is where the YE paperwork is checked entered into system, YEs are put with aircraft and certificates are printed out.

* Young Eagle preflight instruction - Hand out ground school materials and prepare YEs for flight. This ground school instruction consists of a walk around an aircraft and a description of the flight.

*Crowd Control/greeters/runner - Lead Young Eagles to and from preflight demonstration. Direct YEs to/from aircraft for flights. Control access to flight line and talk with parents and other interested guests.

*Flight Line - Coordinate aircraft parking

May is Membership Drive Month

Membership is the lifeblood of any organization. The board has decided to hold a Membership Drive during the entire month of May. The Membership Drive will kick off on May 9 and 10 with our Oshkosh Experience at Young Eagles Lodge in Oshkosh. Membership in our Chapter whether you fly or not, should be fun. This month will show our guests attending chapter activities and meetings just what they are missing out on by not being a member. Start planning on bringing non 790 members to this important month of meetings! Question, how many pilots do you know around our area? Think about it..., I challenge each of you to bring at least 2 non-790 members to our events in May. Let's talk up our chapter! If you don't who will?

April will be the first ever **Chapter 790 Chili Cook Takeoff**. Plan now, details to follow!
June Meeting **FAA Wings Safety program**.

The objective of the WINGS Program is to address the primary accident causal factors that continue to plague the general aviation community. By focusing on this objective, we hope to reduce the number of accidents we see each year for the same causes. As you will see, it is not a simple "Award" program but is instead a true proficiency program, designed to help improve our skills and knowledge as pilots.

Note that completion of any Phase of WINGS satisfies the requirement for a flight review.

The Chapter 790 Oshkosh Experience

I'm excited to tell you about an event planned for our chapter. The Experience is going to start beginning of an exceptional summer for our Chapter. As part of our membership drive month, this is not only for our members but an important time for us to invite a non-member to see Oshkosh. We have arranged to stay in the EAA Lodge for our chapter and special guests the event will start late Friday afternoon. After a 6:00 dinner we will have a museum tour just for Chapter 790. After the night in the Museum, we'll visit the Weeks hangar in the morning where we will have a chance to volunteer. We will cap off our trip with a visit to the Sonex factory for a special tour. This experience will only be \$70 and if you bring a guest it will only be \$65.00 each for you and your guest. You may sign-up for the trip at: [Chapter 790 OSH Experience Signup](#).

Remember that you are a part of a chapter of many members that bring different experiences for all to learn from. We have so many experienced aviators that can share a great wealth of information with our members. Also, bring a friend that can be introduced to the world of flight!

Volunteer Work Weekend

At our board meeting we selected June 7-8 for our chapter's volunteer work weekend at Oshkosh. The work varies from many different tasks from carpentry, grass cutting, painting, general maintenance, cleaning, gardening, etc. EAA provides accommodations in the bunkhouse for the weekend as well as meals in the volunteer kitchen. This is a fun weekend that you'll really enjoy seeing the grounds coming together for the big event. Please sign-up at: [Chapter 790 Work Weekend Signup](#).

Are you Getting Back in the Game?

Have you been out of the sky for far too long? Thinking about getting back into the air? Before you do, check out Tom Hoffmann's latest article *Getting Back in the Game* for a good primer on the things to consider to make your return to flying as successful as possible. To learn more about it, check out page 9 of the latest *FAA Safety Briefing* at http://www.faa.gov/news/safety_briefing/.

Elton

CHAPTER 790 OSH EXPERIENCE

In case you haven't heard, Elton has arranged the most-amazing two-day outing to OSH, the big one. The Friday-Saturday excursion set for May 9 – 10 will include:

- A very special tour of the EAA museum for attendees
- Volunteer experience in the Kermit Weeks hanger
- A personal tour of the on-field Sonex Aircraft facilities
- An overnight stay at the world-renowned EAA Lodge

The group will plan to arrive at the EAA museum at 5 PM, have dinner on-premises, tour the museum, bunk-out at the Lodge, and rise to a special volunteer breakfast before starting a full day with the remaining activities, with lunch included.

This is a terrific time to bring someone new who's never experienced EAA before and introduce them in an unforgettable way to what it has to offer. The cost is \$70 per person, but only \$65 for anyone who is new to EAA.

At the end of this month's newsletter, you'll find a poster worth posting on your favorite bulletin board announcing our chapter's 2014 Oshkosh Experience.

FEBRUARY AND MARCH BOARD MEETINGS

Because there was no newsletter published in February, the Board meeting notes from February's board joins March's meeting notes below.

EAA Chapter 790 Board Meeting Notes February 11, 2014

The EAA Chapter 790 Board meeting was held at Thai Cuisine restaurant, Palatine. Attendees were Nancy Blazyk, Elton Eisele, Tom LeGates, Ron Liebmann, Mike Perkins, Joe Rossi and Ole Sindberg. Absent were Glen Brisson, Lon Danek, Rob Nelson and Tom Solar. Your note taker arrived at 7:30, discussions prior to that time are not reflected in these notes.

Dates: Dates for major upcoming events were discussed. The Oshkosh work weekend date was confirmed for 6/7 and 6/8, and the pancake breakfast date was confirmed for 6/29. Young Eagle Rally dates were also tentatively set as follows - 5/17, 6/14, 7/12, 8/16 or 8/23, 9/7 and 10/11. Nancy will firm up all these dates and report back to the board.

Speakers: Ron Sachen, previously scheduled for our January meeting, will now be speaking in March. Ole suggested, and will follow up with, Al Engelhardt to speak on impacts of recent changes to the FAR's.

Oshkosh Experience: Elton presented his concept for a chapter weekend up at the Air Academy lodge in May. After discussion, the board concurred with proceeding to set this up for the chapter.

Young Eagle Credits: Nancy indicated that we had \$2125 in credits for the 400 plus Young Eagles flown during 2013. One possible use discussed was sponsoring someone to the Air Academy this summer, either one of Ole's grandkids, or our scholarship runner-up.

Treasurer Report: Standing in for Lon, Tom reported that we have 35 current membership renewals, and 15 currently signed up for the banquet. Banquet sign up information was turned over to Elton for possible further followup.

Camping Committee: Nothing to report.

Pancake Committee: Having confirmed the breakfast date of 6/29, Elton asked for volunteers for the planning committee. Nancy and Tom volunteered, and Elton indicated that Lon would be participating as well. Elton will be heading up the committee.

The meeting was adjourned at 8:35 p.m.

Submitted, Tom LeGates, Interim Secretary

**EAA Chapter 790
Board Meeting Notes
March 4, 2014**

The EAA Chapter 790 Board meeting was held at Lake in the Hills Airport. Attendees were Lon Danek, Elton Eisele, Tom LeGates, Joe Rossi, Ole Sindberg and Tom Solar. Absent were Nancy Blazyk, Glen Brisson, Ron Liebmann, Rob Nelson and Mike Perkins. The meeting began at 7:35.

Scholarship: The committee has not made a final decision among the candidates, but should have a choice by the April board meeting.

Oshkosh Experience: Elton discussed the agenda for the Oshkosh visit, running Friday night through Saturday afternoon, and including visits to the Museum, Weeks hangar and Sonex factory. Estimated cost is \$65 per person. Hopefully this can be a chance to introduce some of our non member friends to Oshkosh.

Project Visits: Both Dale Medendorp and John Peroutka were identified as candidates for visits. Suggested dates are April 5 for John and September 6 for Dale, but these need to be confirmed.

Treasurer Report: Lon reported on our current checkbook balance. He also presented a rundown on our banquet costs, indicating that this year our net expenses were \$43.09.

Welding Workshop: Elton asked if Joe would be willing to reschedule his welding workshop. He will check on available dates, probably during June.

Chapter Camping: Chapter camping during AirVenture was again discussed. Tom Solar will once again put together a proposal on this. Elton suggested that the chapter could fund perhaps two camping spaces which could be staked and reserved for tenting chapter members.

New Members Month: Elton suggested hosting a cookout event on May 17, the same day as our Young Eagle rally and starting at around 1 p.m. The chapter will pick up the tab. The intent is to draw attention to the chapter and hopefully generate some new membership.

Pancake Committee: The first committee meeting is scheduled for March 15 at 9 a.m. the Panera Bread in the Arboretum of South Barrington.

Speakers: Ron Sachen, previously scheduled for our January meeting, will now be speaking in March. Ole spoke with Al Engelhardt, and he will be speaking to us in April, and also in June. We will register the June meeting for WINGS credit.

Young Eagle Bucks: Ole's grandson will accept our offer for sponsorship to an Air Academy session in June.

Fly-outs: Many options for fly outs were discussed (the Ford museum, a steam museum, a custom tire factory, a tour of St Louis,) however none were chosen at this time.

The meeting was adjourned at 8:35 p.m.

Submitted, Tom LeGates, Secretary

CONTACT US

For information on our chapter or any events, please call Elton Eisele at 630-776-3653.

The background of the entire page is a photograph of the EAA building at night. The building is a modern, multi-story structure with a large glass facade. The EAA logo is illuminated on the top part of the building. The sky is dark blue, and the building's lights are on, creating a warm glow. The text is overlaid on this image.

Chapter 790
Oshkosh Experience
May 9-10

- * Special Museum Tour
- * Volunteer in Week's Hangar
- * Sonex Aircraft Tour
- * Stay at EAA Lodge

Arrive Friday around 5:00 p.m.
Depart Saturday after Sonex Tour
Dinner, Breakfast and Lunch
All for \$70.00

Bring a non member and save \$5.00

For more details go to, www.790.eaachapter.org
Limited Availability, sign up now!

Pancake Breakfast



EAA CHAPTER 790



Third Annual Pancake Breakfast

FLY IN or DRIVE IN

Visit Lake in the Hills Airport. See airplanes

DATE: Sunday, June 29, 2014

WHERE: Lake in the Hills Airport

TIME: 8 am to Noon

PRICE: Children \$4 and Adults \$7
Under 5 Free