

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

January 2014



John Grosse and his Glasair project. See the article and photos of the 790 workshop visit.

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CALENDAR OF EVENTS

Regular meeting CANCELLED !! Due to the weather, our regular meeting scheduled for Tuesday, January 28 has been cancelled.

Moved !! to Tuesday February 11 - Board Meeting at Thai Cuisine, 1933 South Plum Grove Road, Palatine. Dinner starts at 6 PM, meeting starts at 7 PM on the **second** Tuesday instead of the first.

Saturday, March 1 - Annual Chapter 790 Banquet 6:30 – 9:30 PM at the Crystal Lake Country Club. You won't want to miss it! See the signup form in this newsletter!

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

High Performance Plane Located Atop Local Bluff

Words and photos by Joe Rossi



Saturday morning found a dozen or so of us EAA types gathering at John Grosses' workshop to check out his Glasair project. Before I get to the plane, and before I get to the workshop, I've got to tell you about his super cool house.

One wouldn't necessarily expect to find such an interesting house after driving through an everyday garden variety neighborhood. At least I didn't. The cul-de-sac looks pretty normal too, so it's not until you get inside the house that you

realize that it's perched atop what could be called a bluff. The rear of the house is essentially a wall of glass, with a deck in back. All of this overlooks the Fox River. Nice! You have to look through the trees a bit, but so what. Hey, if you can't see the forest for the.....well, never mind.

The workshop is an appropriately repurposed two car garage. You know, the usual heavily insulated, furnace on the ceiling, air filtered, cyclone vented, compressed air supplied, super well lit, equipped with every tool known to man type of garage. With a welding equipment-filled extension tacked on the back. You know, that kind of garage.



Anyway, we started in the kitchen with coffee and donuts. John's lovely wife Beverlee got us started with all that. She showed me around the house a bit as well. John's friend and next door neighbor, Steve Fox, burst in the front door Kramer style. I don't know if you believe in reincarnation, but he would not make it as a cat. Steve's a super smart and accomplished race car component builder, machinist, engineer, etc. His list of accomplishments is too ridiculously long to get started on for this article. Maybe I can corner him for quick profile. Maybe it wouldn't be so quick. What do you say Steve?



John ushered us into the shop to see the plane sitting in two main pieces. The wing assembly sat apart from the main fuselage. The center section contained the seat pans and controls. Over at the fuselage, John stood in the cockpit area since it was bottomless without the wings. His head and shoulders were at about the right height since the fuselage was sitting up on cradles. John's legs were sticking out the bottom and his feet on the ground. Ole suggested the setup looked a bit like the Flintstones' car. John explained at length the glass

panel. Tom Solar appeared riveted. Paul Ranieri was even more interested while his son Joey seemed to really like the donuts in the kitchen. They had to leave a bit early to get Joey to his guitar lesson. Good 'nuff reason for me, rock on Joey.

The glass panel was custom designed by John and help from Steve was....uh, instrumental. Steve engineered the laser cutting and basically made John's vision a reality. John also custom-designed the retractable steps. John says that while his design, engineering and machining was quite workable, it was Steve's help that really perfected them and brought the idea through its final....ahem, steps.



John and Steve also made some structural reinforcements, the main one being modifications to the roll bar. While John was comfortable knowing that around 1000 Glasairs have been flying since the late 1970's with no in-flight breakups or structural issues, Steve's refrain has always been "show me the proof." That proof often came in the form of fiberglass test coupons for destructive testing or engineering calculations to double-check Stoddard-Hamilton's work in 1986.



After the necessary early departures, the rest of us stayed to further check out the plane and John's great shop. You could make just about anything there, except maybe a ship. John plans to get the plane to Rockford soon since it's ready for wing attachment. We wrapped things up and headed out. Seeing all that cool stuff put me in the mood to go buy some tools and Ole was off to another ski trip since his canoe trips take place in the summer. He sure stays active, especially for a 59 year old*.

These workshop visits are a great way to start the weekend and visit with other 790 members as well as see some cool stuff. They sure are inspiring too. It looks like the next one will be at John Peroutka's house in Algonquin to see his Cozy MK IV project. Details coming soon. We're also working on plans for a regular "Donut Day". Oops, maybe I wasn't supposed to mention that just yet. See you at the meeting Tuesday.



Joe

*Ole, he's 80!

MAKE PLANS NOW FOR 790's ANNUAL BANQUET: MARCH 1

It's time to start making your plans for this year's Chapter Banquet. The banquet is a night that we all sit back and enjoy sharing stories with each others' families and friends. Our very own Elton Eisele will be our guest speaker for the evening, telling us about his recent trip to Costa Rica. Clip and send the sign-up form below along with your check for dinner to Lon today!

EAA Chapter 790 Annual Banquet Reservations
Saturday, March 1, 2014, **6:30 – 9:00**
Crystal Lake Country Club

Name: _____ Menu Choice _____

Spouse: _____ Menu Choice _____

Guest: _____ Menu Choice _____

Guest: _____ Menu Choice _____

Amount Enclosed _____

Make checks Payable to "EAA Chapter 790"

MENU CHOICES:

1. Prime Rib of Beef-----\$41.00
2. Bistro Chicken-----\$32.00
3. Chamomile Scented Salmon--\$35.00

Send To:

Lon Danek
C/O EAA Chapter 790
PO Box 1206
Barrington, Il. 60010

DUES - - IT'S TIME TO SIGN UP!

Just a reminder that dues are requested for 2014, in case you haven't already done so. Individual and family dues are still \$25 (no increase from last year) and out of state and student dues are still \$10. Your newsletter and other communications will be sent to you via e-mail. Mail for 790 can be sent to:

EAA Chapter 790
PO box 1206
Barrington, Il 60010

Your membership and participation is important to the Chapter and allows us to provide information and services to members as well as support our Young Eagles and other activities.

EAA CHAPTER 790 2014 Dues Payment

Last Name	First Name	Spouse	EAA Membership Number	
Street Address		City	State	Zip
Phone: Home	Phone: Cell	Email Address	Own Act/Project Y/N	Model or Type

The chapter newsletter will be distributed by email only.

Dues for 2014: \$25.00 Family/Individual \$10 Out of state \$10.00 Student

Part of your dues payment may be used to support our Scholarship Fund

**Mail check To: EAA CHAPTER 790
P.O. Box 1206
Barrington, IL 60011**

Thank you for your support

JANUARY BOARD MEETING

EAA Chapter 790 Board Meeting Notes January 7, 2014

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

Board Meetings: At the next meeting, to be held at the Thai Cuisine restaurant in Palatine, we will decide on guest speakers for our March, April and May member meetings. The date for the February meeting has been shifted to February 11.

Banquet: Our banquet speaker will be Elton, discussing his trip to Costa Rica, which will occur mid January. A write-up for the banquet, covering pricing and menu, will be published shortly.

First Saturday: We discussed establishing the first Saturday of each month as a chapter get-together of some sort, whether a workshop, fly-out, or whatever. These will begin in April, and more information will be in the newsletter shortly.

Treasurer Report: Lon reviewed 2013 income and expenses for the chapter in detail, pointing out several extraordinary expenses for the year (new computer, new projector, volunteer party). The costs for the volunteer party were discussed, and all felt we should try to continue these, but look for ways to reduce the costs to the chapter. Lon also outlined the proposed 2104 chapter budget, and this was accepted as proposed.

Pancake Breakfast: The confirmed date is 6/29. The new pancake cooker provided to us by Karl Singer is still at his shop. Tom reported that he has reserved all of the available tables and chairs from Nunda township for the event (80 chairs, 15 tables approximately).

790 Scholarship: Joe asked for volunteers to help pick our scholarship candidate from the 6 who have applied. Tom and Mike volunteered.

January Guest: Ron Sachen will be our guest speaker in January. Elton will introduce him, as Ole will not be at this meeting.

The meeting was adjourned at 8:50 p.m.

Submitted, Tom LeGates, Interim Secretary