

Winds Aloft



P.O. Box 1206 Barrington, IL 60011

www.eaa790.org

Katie and Chrissy Update

Katie and Chrissy Naber graduated from the University of North Dakota this spring. As seen in this photo, Katie was commissioned as a Second Lieutenant in the Air Force upon her graduation. Chrissy is hoping for an ATC job with the FAA. For the complete scoop, and more photos, see the article from Michele Naber on page 5.



JUNE 2005

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Eleven Chapter 790 Members Attend Oshkosh Work Weekend

by Tom LeGates



Lon Danek prepares a piece of wood trim to finish off a wall remodeling project.

Eleven volunteers from our chapter made the trek to Oshkosh on the weekend of June 3rd to help EAA staff prepare the grounds for the upcoming AirVenture convention.

Jon Cumpston took the award for “longest journey” to attend the work weekend, and probably also “best ride”, as he arrived from the Minneapolis area in a nicely equipped Cirrus SR20. Others attending were Herb Gottelt, Jay Friddell, Ron Liebmann, Lon Danek, Tom LeGates, Bud Herod, Carl Geiger, Mike Titre, and Dan & Cate Majka. Hope I didn’t forget anyone!

As the weather was reasonably cooperative (most of the rain coming during the wee hours of Sunday morning), we got to work on a variety of projects. These included grass cutting, speaker pole painting, and some remodeling of several of the buildings on the grounds. We also put together roughly 1000

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EAA Chapter 790 Newsletter





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From Dana.....

by Dana Holladay



Is it really June already??? I find it hard to believe, but Oshkosh is just a month away. If you are an AirVenture veteran, then you know the drill. This month Ron Liebmann will be looking for names and availability of those of you who plan to volunteer with the CARTS program, and Abbie and Jay Friddell can use your help in the pavilion. If KidVenture is more to your liking, you will need to contact Dan Majka's wife, Cate, in order to volunteer in the "big tent" and be a kid again!. Regardless of where you want to volunteer, or if you just want to attend the convention and roam the grounds and enjoy the largest aviation gathering on the planet, it's time to start preparations.

Unfortunately I will not be able to attend this month's meeting, but Tom Solar and the others will be present to answer any Oshkosh-related questions you may have. If you are new to the Oshkosh experience, you are in for a huge thrill, and the next two meetings are very important as you will learn a lot about what to expect. I will definitely be at next month's meeting to help answer any questions you may have and to help with final preparations. In addition, you can get the "scoop" by logging onto www.airventure.org. This is the official convention website and it has all the details and more! Happy surfing and I'll see you soon!



June 7 EAA Chapter 790 Board Meeting

- **Membership:** It was reported that we now have 144 paid members in the chapter. 20 complimentary newsletters are sent each month.. The comp list is to be reviewed to verify that newsletters should continue to be sent.
- **Chapter Clothing:** Jeff Wilson reported that Chapter shirts and hats have been ordered and will be available at the next Chapter meeting. Full payment must be received before shirts or hats are delivered.
- **Simulator:** It was suggested that because of limited use, a new home should be found for the Chapter simulator. Suggested options include donating to another chapter, offering it to headquarters for relocation, offering it to Sun N Fun for display and use. Chapter members with other suggestions should contact a board member.
- **Young Eagles:** Dwight Zeller, our Young Eagles co-coordinator, will be moving from the area in September and should be replaced. Currently, Ron Palascak and Dwight share the YE responsibilities, and Ron will continue with his YE duties. If any member is interested in serving in Dwight's current position, he or she should contact a board member.
- **Scholarships:** The board approved a second scholarship of \$350 to be awarded to Tim Alfeld, a current student member, who is working toward his private pilot's license. The scholarship money is to be used for purchase of plane rental time and/or instructor time.
- **July Meeting:** The July meeting (July 19) will discuss arrangements for Oshkosh in addition to the normal business and educational parts of the meeting.

Submitted – Lon Danek, Treasurer
Meeting chairman and acting Secretary



The Safety Corner

Zombies with Motion Blindness

by Mike Perkins



I came across a phenomenon while designing video games back in the 80's: the eye follows motion before anything else. This is a human evolutionary trait. Before we perceive color or shape, we see movement. A ball thrown at us is perceived as a threat far before we realize what it is, what shape it is, or what its color is. This trait serves us well most of the time – getting out of the way is very important to survival.

But human evolution didn't involve vehicles - we ran, we jumped, we hunted, we gathered. All around us things were moving, and so were we. When we're in a vehicle, our survival instincts are still alive and well. But so many things are moving around us, we become motion blind. In an airplane, the ground seems to be moving as well as clouds. There is movement all around us. Yet an object on a direct collision course with us is NOT moving at all relative to us. There is so much motion, albeit slow, that a non-moving object becomes lost to us. This is motion blindness. Our threat may be getting larger, but it is not moving relative to our position. A million years of evolution tells us to ignore it.

This is why the zone scan concept was invented and taught to pilots. Divide up the sky to the side of you

and ahead of you into say six segments. With your head and eyes fixed, examine that part of the sky. You're looking for shapes, not movement. Then go on to the next sky segment. Movement, being first on the evolutionary survival scale, is practically non-existent on a collision course. The threat only has its shape to identify itself to us; its slowly growing size is not realizable until it's very close.

Another kind of blindness is what I call the zombie effect. This is where our eye is drawn to interesting motion, but where the motion is totally irrelevant to what we're doing. I would often see a room full of video game executives so mesmerized by a game's attraction mode that an entire meeting would come to a halt. The only remedy was to literally unplug the game, which I did many times, in order to restart the meeting. In flying, the same thing can happen - the movement of the ground beneath us and the clouds around us can introduce the zombie effect.

If you're lucky enough to catch a glint of sun from your intruder, it comes under the heading of "motion." This is because it's a change in intensity at a given location that resembles, or mimics, motion. A glint is luck working for you, not awareness.

Be aware of the zombie effect, motion blindness, and the cure to both – the zone scan. A good example of motion blindness can be found at http://www.michaelbach.de/ot/mot_mib/index.html.

The solution is simple.



(Work Weekend continued from page 1)



While volunteers take a break, stacks of literature on the assembly line await.

packages of literature, each with 20 or so different handouts. These will be presented to attendees at the seventh annual Teacher Day held during the AirVenture Convention. This has been a project that Chapter 790 has been responsible for from the beginning.

EAA once again opened up the Bender House for our use for the weekend. The house is on the southeast side of the grounds, a nice walking distance from the south maintenance building and the volunteer kitchen. The house is furnished with bunk beds, TV, a full kitchen, and a 'fridge stocked with everyone's favorite beverages. Most of us stayed there,



Mike Titre admires some of the completed information packets the volunteers assembled on Saturday.

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Katie and Chrissy Update



Katie, Nick (Chrissy's boyfriend of 4 years), and Chrissy.

I thought you might enjoy the pictures from Katie's commissioning and the girls' graduation. Katie's husband, Matt Bower (who graduated a year ago), swore her in (*front page*). She is now officially Second Lt. Bower. Chrissy and I pinned her gold bars on. Katie has been stationed in Little Rock with her husband. They just bought a house. They expect to be there about 3 years.



Chrissy will continue to flight instruct for UND until she hears from the FAA about an ATC job. She thinks that will be in early Fall. In addition she still works in Dispatch and also picks up hours at a bookstore when the weather is bad. I don't know when they will be home again but they will certainly make an effort to see their EAA friends when they can.

A week after arriving in Arkansas Katie was in a very bad car accident. She was unconscious and being airlifted to a Medical Center in Little Rock when I got the call around midnight. I spent about a week in Little Rock taking care of her. She had a severe concussion, head wound requiring plastic surgery, and fractured rib and hemothorax. Thanks to the Air Force she is physically fit and her recovery has been amazing. She was only in the hospital two days and never took anything stronger than an occasional Tylenol. She'll be starting her Air Force job on schedule. I am so grateful - it could have been a lot worse.



Thanks to your Chapter for all your support. You guys really helped shape Chrissy and Katie into the great people they are. I hope all of you realize what a tremendous influence you have on the kids you mentor.

~Michele Naber~



All photos courtesy Michele Naber

(Work Weekend continued from page 4)



Lon Danek makes sure that Bud Herod has plenty of fuel for the day, by offering a second helping at breakfast.

although Jay Friddell and Tom LeGates camped over in Audrey's Park.

As a thank-you for the members who volunteer their time, EAA provides meals on Saturday and Sunday, and entertainment Saturday night. As usual, the volunteer kitchen turned out 5 hearty meals for us, including bacon, eggs, pancakes, hamburgers, beef stew and a very tasty chicken casserole, along with breads, desserts and a variety of drinks to go along. All served up with a friendly smile and "hello". No one left those meals hungry, that's for sure. Our thanks to the kitchen volunteers who provided such fine service. For entertainment Saturday night, rather than touring the Museum as we have done in the past, EAA presented a discussion of the new

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Blown in from the Winds Aloft

Ken's AirVenture Kitchen – Breakfast will be served at the usual campground location Sunday through Saturday for \$4. The menu is scrambled eggs, pancakes, sausage, and ham. Wednesday night is spaghetti night at a cost of \$8 each - spaghetti, meatballs, garlic bread. If you'd like to volunteer for one meal or several, please talk to **Ken Kresmery**. Once again, we are most grateful to Ken for all his hard work in organizing these meals and his hard work while we play. Campground information will be in the next newsletter, just before AirVenture.



Chapter Directories – We will be giving out the new Chapter **790 directories** at the next meeting, June 28. Once again this year, a lot of hard work went into the directory. We have **Ken Kresmery** to thank for making this happen. If you miss the June 28 meeting, the directories will be also available for pickup at the next meeting.

Young Eagles Chairman – We are in need of a new **Young Eagles Chairman**. Current chairman **Dwight Zeller** is moving to Wisconsin and will be resigning from his post in September. Dwight has done an excellent job as chairman for several years. We thank him most sincerely for his help and dedication. Moving forward, the challenge is upon us to find someone to follow in Dwight's footsteps for this rewarding chapter position. If you can **volunteer** as a chairman, please let Dana Holliday know. **Ron Palascak** has already volunteered to act as Assistant Young Eagles Chairman.

Young Eagles Rallies – The next rally is June 25 at 9 a.m. at Lake-in-the-Hills Airport. Tom LeGates indicated that our last rally brought out fewer than 33 youngsters. If you personally know any kids who haven't had a ride yet or might be interested in a second ride, make sure you tell them about June 25th at 3CK.

Last meeting we heard **Chuck Jansen** appeal to our membership briefly. The Rockford Boy Scouts has plans Saturday, **October 8** for their **Aircamp 2005** - they'll be attempting to get flown **1,600 Scouts**. Held at the Greater Rockford Airport (RFD), they need Young Eagles pilots and ground crew. They also would welcome static displays. If you can help out in any way to make Aircamp 2005 a success, please call or email Chuck Jansen: 815-742-9714 or canoe23@tds.net

Chapter Clothing – From Jeff Wilson - Your EAA Chapter 790 Shirts and Caps have **arrived!** Additional items can be ordered from the Embroidery-Just-For-You website. There is a wide selection of baseball caps, polo shirts, jackets, dress shirts, overnight bags, and even towels to choose from. Go to <http://www.embroideryjustforyou.com/> and fill your virtual **shopping cart**. When you get to the Credit-Card Information page, type "EAA Chapter 790 Logo" into the large information box. If you have any questions, call Jeff or Barb Wilson at 847-426-7206.



Chapter 790 Scholarship – **Abbie Friddell** reports that we received an additional \$350 in **scholarship** donations. This will be given to our Second 2005 Scholarship Winner **Tim Alfeld** for use in aviation-related study or training. Thanks to everyone who donated above and **beyond the call**. Our First 2005 Scholarship Winner, **Bennett Gray**, will be applying his \$500 scholarship toward flight instruction at Westosha Flying Club. Our congratulations are extended to both Bennett and Tim!!

Meeting Notes

Last Meeting

Mark Long gave a full presentation on the new Algie aircraft, a graphite composite aircraft with molds being under construction now. Mark also described in detail the work he's doing on the project for performance prediction using X-Plane and AirplanePDQ software, plus a propeller performance-prediction package. Mark explained that these programs allow the designer to optimize performance in the early design stage.

Next Meeting

John Vlasic writes: For our June 28th program Chapter 790 Member Raj Upadhyaya will be giving a presentation on his recent flight from Las Vegas to the Grand Canyon in an aircraft he rented and flew from Las Vegas. Raj has a PowerPoint presentation of all the photos he took over the Grand Canyon and his experiences flying there to share with us.



(Work Weekend continued from page 5)

Sport Pilot/Light Sport Aircraft regulations. This was very well put together and quite informative.

If you were unable to attend this weekend, I hope you will consider putting the first weekend in June of 2006 on your appointment calendar, when we will get to do it all over again. And a round of applause for all those who came this year, helping our favorite organization prepare for the greatest AirVenture yet! ✈



Bud Herod and Carl Geiger explore the intricacies of a well-worn nail gun provided by the EAA shop.



Jon Cumpton overlooks a sea of freshly painted speaker poles.

All photos by Tom LeGates



I got a great picture of a P-51 flyby at Pioneer Airport at EAA in Oshkosh. The occasion was British Wings and Wheels. (There were no local P-51's with the British insignia.) Photo – Jay Friddell

(Buy, Sell Or Trade continued from page 9)

28V, interfaces directly to HSI w/o any converter, excellent condition

- Transponder, King KT78A - \$600. Very similar to KT76, excellent condition
- GPS, Apollo 2001 panel mount - \$200. 12/24V, excellent condition
- Century I Autopilot controller; can be used as Turn and Bank - \$200. 14V, Average condition
- Ram Yoke Mount for IPAQ, GPS, or PDA - \$30. Excellent condition

All items removed from N40LE in operating condition. Money-back guarantee. **Contact Ole Sindberg (847) 639-5408 home, (847) 826-1935 cell.**

For Sale: One large box-type 47" long fixture; steel box is 20" wide, white, flanges at the top extend 23 3/4 inches, sturdy lens for even light distribution with hinges for easy bulb installation. Two other fixtures, narrower 4-bulb units for fitting between the joists of a basement. Free to any Chapter 790 member. **Bob Gerhold (847) 537-8391.**

For Sale: Bowers Fly Baby, Continental A65, Fuel (80-87/100LL) 11.9 gal, 3.5gph. Wingspan 26', Length 18'10". Hangared at Poplar Grove. Price \$16,500 or best offer. Empty Weight 686 lbs, Gross Weight 1,000



lbs. It looks and flies beautifully – no disappointments! **Contact : Wally Ruppert (owner) (262) 348-0279.**

Hangars For Rent: "The Landings" Huntley IL 3/4 mile North I-90 near Rt. 47. Three hangars, 44' wide, vertical lift door. Monthly or long term. \$295/month. Aviation fuel, A&P, IA available. **Contact Gary Grimmonpre's pager (847) 753-3699.**

Contact John Vlasic for information, or to make suggestions for activities, i.e.: picnics, fly-outs, museum visits, etc. **Phone:(847)524-1857 Email: jvlasic@lunt.com**

Contact Dwight Zeller for information or suggestions regarding Young Eagle Rallies. **Phone: (847) 524-3973 Email: zellerd@worldnet.att.net**

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Calendar of Events

2005

June 25 (Sat) Young Eagles, Lake In The Hills

July 19 (Tue) Chapter Members Meeting (1 week early due to AirVenture)

July 25 - 31 AirVenture 2005

August 27 (Sat) Young Eagles, Poplar Grove

October 1 (Sat) Young Eagles, Lake In The Hills

October 25 (Tue) Chapter Auction, Elgin Workshop

October 29 (Sat) Young Eagles, Lake In The Hills

Recognizing Our Members

(Please let the editors know of any interesting recent activities! These might include solo's, new ratings, aircraft purchases, first flights of homebuilt aircraft, or any other accomplishments you would like to let the Chapter know about. Thanks! Eds)

New Member - Mark Long

Flight Reviews

BFR Special: Ole Sindberg is offering a Biennial Flight Review for any Chapter 790 member for \$50.00. Also available are flight instruction in single and multi-engine aircraft, helicopters, as well as high performance and complex airplane checkouts. Phone: (847) 639-5408.

Email: Oleeva@sbcglobal.net

FAA Wings Program



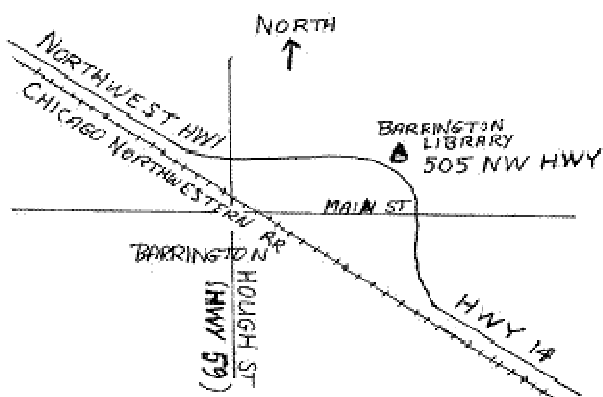
Abbie Friddell, Master CFI, CFII is offering an EAA Chapter 790 special discount. 3 hours Wings Program Instruction for \$75.

Phone: (847) 382-4180

Email: abbienair@cs.com

DIRECTIONS, ETC

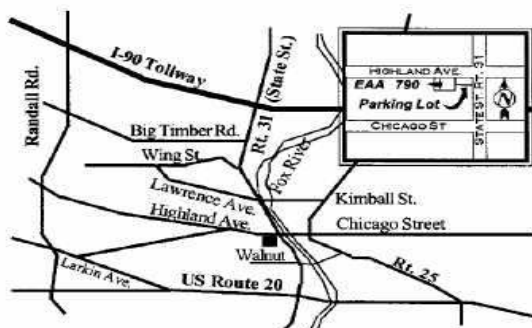
Regular Chapter meetings are held on the fourth Tuesday evening of each month (except July) at the Barrington Public Library. Meetings begin at 7:30, with a social "hour" preceding. The Library is located on Highway 14 between Main St./Lake Cook Rd, and Highway 59 (Hough St.) in Barrington, Illinois.



Elgin Workshop

The shop has returned to "winter hours" and will be open every Tuesday, Thursday and Saturday. The Taylorcraft restoration is well under way. BUT..... there's still plenty to be done. Wing restoration is the current task, and when completed the fabric will go on. If you'd like to get in on the action, call Ron Liebmann at home at 847-352-8282 or at the workshop at 847-608-0001.

**219 W Highland Ave
Elgin, IL 60123
(847) 608-0001**



Buy, Sell or Trade

Classified ads may be submitted by any Chapter member free of charge. They will run for about 3 months unless canceled or renewed. Non-Chapter members and sponsors may purchase a business card size ad for \$100 per year. Ads for shorter periods are \$10 per month

For Sale: RV-8 project, includes completed tail, wing kit (which includes landing light, capacitance fuel sender, and the Proprietary Software Systems angle-of-attack sensor). Asking \$7,000 or best offer. E-mail sspangler@eaa.org, or call (920) 426-4827(work), or (920) 685-5457(home).

For Sale: RV-6 tail kit and wing kit with plans and instruction book. \$4400 invested, yours for only \$2000. **Contact Steve Flattum (815) 765-1849.**

For Sale or Rent: Portable paint booth exhaust system on wheels. Explosion-proof motor and lights, flexible ducting, great for hanger or garage. \$300 or rent for a small fee. **Contact Steve Flattum (815) 765-1849.**

For Sale: Aircraft sheet aluminum from small pieces to 12 ft long, thickness from .032 to .064, 50% off. **Contact Steve Flattum (815) 765-1849.**

For Rent: Poplar Grove, 50x50 shared, heated, well-lighted hangar, bifold electric door. For homebuilt, single, light twin or storage. **Call Lon Danek (847) 381-4286.**

Boat For Sale: 1998 Sea Ray Bowrider and trailer, 18 ft with 135 hp Mercruiser outdrive, P.S., 100 hrs. since new, swim deck, AM/FM, covers, many extras. Like new/mint condition. \$12,000. **Call (847) 639-7257.**

For Rent: Poplar Grove hanger space (T5). Spacious, clean, unheated steel hanger with power lift bi-fold door. \$180 per month. Located a short distance from the main office. Looking for a renter for 1.5 to 2 year time frame. **Call Mike Smith (630) 876-9344 or msmith@reedbusiness.com**

Avionics for Sale:

- Davtron Digital Outside Air Temperature Gauge - \$65. Model 301C 12/24V, excellent condition
- Audio Panel, King KMA20 with markers - \$225. 13.7/27.5V, good condition except outer marker reception weak
- Nav/Com, King KX165 w/ glide slope and RMI - \$2000.

(Continued on page 8)

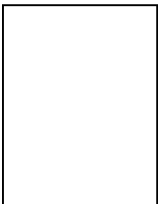
Pre-meeting Checklist

- ✓ Name Tags
- ✓ Raffle Items
- ✓ Chapter Videos to return to meeting
- ✓ Chapter Tools to return to Ole

The Newsletter is always looking for interesting articles and pictures by our chapter members. If you have written anything or would like to write something or have pictures that you believe would be of interest to the chapter members, please submit what you have. The newsletter staff prefer that you e-mail your articles to michael.perkins@rauland.com or trlegates@comcast.net. We prefer text written in Microsoft Word, however, you may submit the material any way that is easiest for YOU! We also accept hand-written copy, floppy disks (IBM format), Zip disks (IBM format), and CD's. Bring your article to the meeting or mail it to Mike Perkins at 17787 Sherwood Forest Rd, Havana, IL 62644.

NEXT CHAPTER MEETING

Our regular chapter meeting will be held on June 28, when Chapter member Raj Upadhyaya will discuss, and show pictures of, his recent flight over the Grand Canyon. The meeting will be at the Barrington Library and will start at 7:30.



The Leader In Recreational Aviation



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790
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