

Winds Aloft



EAA CHAPTER 790

P.O. BOX 1206 BARRINGTON, IL 60011

WWW.EAA790.ORG

2008 Banquet a Total Success



The Crystal Lake Country Club again provided a wonderful venue and excellent food service for us this year.

And our guest speaker, Allan Englehardt, was enlightening and entertaining as he always is. No snow for this year's event, so guests were focused inside on the warmth and good cheer of their fellow members, and enjoyed an easier ride home at evening's end. Don't know about you, but I am ready to do it all again! Additional photos on page 7 & 8.



(All photos: Bud Herod)



Construction Update Dean and Glenda's Velocity

by Glenda May

The Velocity is in the same shape it was when it was moved from our garage in May of 2005 to the DeltaHawk facility in Racine. All that has changed with the Velocity is that Dean has started removing windows that were cut with a skill saw to be smoothed to a finer edge. Since he installed the windows other Velocity owners have reported trouble with them cracking in flight when the edges aren't smooth. It waits for testing and certification to be done on the DeltaHawk engine. Dean is still an avid supporter of the DeltaHawk. In fact, he is now their Certification Project Manager, since he "retired" from United in December. He coordinates everything to do with the FAA certification process for them. We now are registered owners in partnership with DeltaHawk of a Cessna 337 Skymaster, which will be the test aircraft for certification. Dean will be the pilot, because he is the only one at DeltaHawk who is qualified to fly multi-engine aircraft. Everything is progressing very well with the company.



(Photos: Glenda May)

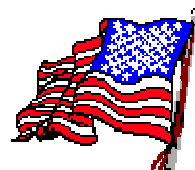


MARCH 2008

President's Message	3	From The Winds Aloft	5	Meetings	6
Safety Corner	4	RV-6A Workshop Visit	6	Chapter Calendar	9



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President's Message



Wonderful the weather is getting warmer with the ice leaving our runways and taxiways. Now is the time for some flying. Be sure you spend some extra time pre-flighting your plane. The long winter we have experienced this year

probably has made some of us a bit rusty - make sure your chariot is not.

I attended the ACE symposium at the Chicago Executive Airport and obtained lots of information for the "Wanna Be a Pilot" program. It is being reviewed and sorted, and final edits will be out shortly. The intention is to provide information for personnel who have an interest in flying. This flying thing can get very confusing, so we believe an avenue of practical information for potential pilots to pursue their dream is important. This will also be a follow-up for the Young Eagles Flights serving as a take-away for the youth and their parents.

Speaking of Young Eagles, Don Jenerick has solidified the Young Eagles dates for this season. Check the Board meeting minutes for those dates and mark them on your calendar.

Tom Jackson will be holding an open house on Saturday April 26th for his baby, a Zenith CH701. More information will follow next month.

As this year's activities are beginning to bloom from underneath all of the snow we have had a couple of chapter positions open up. Our Newsletter Co-Editors Tom LeGates and Mike Perkins would like to retire from the newsletter. They have been publishing the 790 Newsletter for over four years now and they could use a break. Anyone interested in honing their writing

or publishing dream, contact Tom, Mike, or myself. Our phone numbers and emails are in the newsletter.

We also need a chairman for the Poker Run this year. If you enjoyed last year's first annual Poker Run and would like to run this year's event, contact either Nancy Blazyk or myself. The system and process is already set up by the previous committee.

As AirVenture is coming up, I have been in contact with Adam Smith at Oshkosh. Adam has already chaired a committee to improve Chapter camping processes. Steve Buss will be contacting me for further inputs. Hopefully, we may have a better affordable process for Chapter camping this year.

Another note: Ron Liebmann and Glenn Brisson have agreed to be new member and existing member greeters at our monthly meetings. Stop by and visit with Ron and Glenn. Both have extensive experience in flying and building aircraft. For those of you who are mostly interested in building, here are two great fellows to visit with.

I hope everyone who attended this year's Banquet enjoyed themselves. It was well attended and the service, food and style of the Crystal Lake Country Club put a special touch on the event. Thanks to Allan Englehardt and the assistance of his son for a fine presentation. And thanks to Ole Sindberg for arranging the event and Lon Danek and his lovely wife Marilyn for their assistance.

This month's 3/25 speaker will be fellow Chapter Member, Clyde Ericson. No, you are not reading a duplication from last month - Clyde was unable to present last month due to a charter job which came up. Mike Perkins was the gracious speaker last month. Thanks Mike for your nice presentation. This month Clyde will be speaking on float plane flying. This should be fun and enjoyable as well.

Take some time to enjoy life (from 2,000 feet AGL it's even better)!

Tom

March 4th EAA Chapter 790 Board Meeting Minutes

The EAA 790 Board meeting was held at the home of Lon Danek. The meeting began at 7:45. Attendees were Nancy Blazyk, Glen Brisson, Lon Danek, Elton Eisele, Herb Gottelt, Don Jenerick, Tom LeGates, Ron Liebmann, Mike Perkins, Tom Solar, and Jeff Wilson.

Young Eagles: Don Jenerick indicated that he had

received our flight credits for 2007. There was some discussion of Chapter members who might be interested in using the credits, and Nancy Blazyk, Elton Eisele and John Peroutka were mentioned. Don has set our 2008 YE flight dates for May 10, June 14, August 30, September 27 and October 18. We discussed the need to replace our laptop computer for printing YE certificates, and touched on possible pricing and sources. We will be putting a

(Continued on page 4)

(Board Meeting Minutes continued from page 3)

notice in the newsletter about this.

Wanna Be A Pilot: Tom Solar mentioned he would be attending a March 8 session at Chicago Executive airport.

Next Meeting Speaker: Clyde Ericson has confirmed his availability for our March 25 meeting. He will discuss float plane flying. The board thanked Mike Perkins for his presentation and handling of the February meeting. Tom Solar mentioned we will be needing a supply of used pistons for our thank-you gifts shortly.

Workshops: Jeff and Barb Wilson will be holding a workshop for their Cozy project on Saturday the 15th from 10 to 2. Mike Perkins will create a flyer which Tom LeGates will distribute. We also discussed a possible workshop with Warren Bergquist's RV project, sometime after Mike Perkins visits with him in the next week or so. Also mentioned was Tom Jackson's Zenith project, and Tom Solar will set up a Saturday visit prior to the first of June.

AirVenture Volunteers: Elton Eisele mentioned his need for volunteers in the flightline ops area for departure briefings. Several present expressed interest in helping out.

Meeting Greeters: Feedback on Chapter meetings from the membership/banquet calls last month was discussed. It is apparent that we need to improve our interaction with our new members, and meeting guests who might be interested in joining. Mike Perkins suggested we should return to having specific people designated for each meeting to make sure that new members and guests are welcomed and made to feel part of the group. He also suggested we hand out an informational flyer. Ron Liebmann and Glen Brisson will do this at our next meeting.

Poker Run: We discussed having a poker run again this year. Nancy Blazyk and Tom LeGates answered questions about what was required to set up and run the event. Nancy mentioned that we had created a set of documentation from the 2007 event to make future events easier to run. However, no one at the meeting volunteered to kick off the event for 2008, so discussion was tabled until the April meeting.

The meeting was adjourned at 9:05 p.m.

Submitted, Tom LeGates, Secretary



Safety Corner

Messing Up Bad

by Mike Perkins



Who'd have thought that a passenger could crash a twin? Not long ago, one did.

A Beech Travel Air experienced a loss of power in one engine. The pilot attempted to identify which engine. When the airplane yawed to the right, the pilot deduced the right engine was not producing full power. He shut it down and feathered it. Now the Travel Air could not maintain altitude. So the pilot selected a landfill for his emergency field. The right gear collapsed on landing. After exiting the airplane, the passenger told the pilot he'd applied right rudder in an attempt to "help him" maintain directional control. That action caused the pilot to shut down the wrong engine.



Was the passenger briefed? The NTSB doesn't mention a briefing.

What do you say to a new passenger when they get onboard your aircraft? What *should* you say?

Like most of us, I've given a lot of rides. Some days I give rides to anyone standing around. But several passengers have without warning grabbed the stick on me to "fly".

It happened one time just as I applied power for take-off. My passenger seemed to assume since a stick was in front of them, they'd be taking off. I shook the stick vigorously to free their hands, pulled the power, and stated rather gruffly not to do that. A little later in the roll and it might have been a bigger problem.

I've also had several passengers at altitude grab the stick without notice. That's scary, too – the first thing I think is that an aileron departed. When I ascertain what's happened, I shake the stick laterally and remove their hands with my right hand. I'm not worried about rudeness at this point - I'm worried about survival.

What have I done wrong in these cases? Most likely

(Continued on page 5)

(*Safety Corner* continued from page 4)

I hadn't properly briefed the passenger to not touch the controls. Probably I'd gotten complacent after having given so many rides to "less active" passengers. After a few of these experiences, now I normally fly with the right stick removed.

But there are still the right-seat rudder pedals, also the Travel Air's problem. So I show my passengers how I move the pedals and that they need to keep their feet away.

For flights with the right stick installed, I brief passengers that I'll let them know if and when they can touch it. And I really use the word "touch it" as if to drive home the point that they're not to even get near it with their hands.



Blown in From the Winds Aloft

A Conversation with WWII Naval Aviators, moderated by WGN's Orion Samuelson APRIL 5TH 2:00-3:30 PM. \$5/person at **Poplar Grove's** Vintage Wings & Wheels Museum. Hear and ask questions of the **carrier pilots** including a lady aviator from the era. For more information call: 815-547-3115

Tired of standing in the ticket line at OSH? **Advance ticketing** for AirVenture has gone live. Purchase tickets online and **even save money**. Admission to EAA AirVenture Oshkosh 2008 can be done with their new advance ticket



purchasing available at www.airventure.org. You can pre-purchase daily and weekly AirVenture admission tickets via a secure website. Renew or join, too. It uses **Click'n-Print Tickets**. Discounts apply to those who pre-purchase their AirVenture tickets by June 15, including \$2 off for daily admissions and \$5 off for weekly admissions.

Want to know where all the **aviation kids** have gone? Look at Southern Illinois University, Carbondale (SIUC). Andrew Bochnovic, a senior in aviation technologies, won the 2007 IAC Individual Collegiate Trophy as the top scoring aerobatic pilot. In 2001, the IAC introduced a collegiate competition category.

SIUC's team launched that same year, and it won the first collegiate competition. Since then, the team has six victories to its credit in the seven years of IAC collegiate competition. The only year the team didn't win – 2003 – it placed second. Bochnovic is from **Glen Ellyn**. In addition to winning at the collegiate level, he was second in the Paul Soucy Award. The Soucy Award is for professionals – Bochnovic was **flying against the pros** to win second place in that national competition. Bochnovic also rates sixth in the nation at the IAC Sportsmen level, again, intended for professional flyers. We're sure there are some very proud parents and teachers in Glen Ellyn. Full story at

<http://news.siu.edu/news/March08/030708amh8051.jsp>

NASA is upgrading Atlantis's cockpit. Shuttle managers were advised by **astronaut Fred Gregory** to talk with the agency's aeronautics experts. They knew that Langley had pioneered the **glass cockpit** concept in ground simulators and flights in the NASA 737 and that Boeing had developed the first glass cockpits for production airliners. The **Triple Seven** is of course Boeing's greatest achievement.

So scores of outdated electromechanical cockpit instruments and gauges in Atlantis have given way to 11 full-color flat panel screens. Thanks much, Boeing.



Confused FAA Inspectors – Recently an FAA inspector gave a presentation on **ramp checks** at a safety seminar in Illinois. This inspector misinformed the attendees to the point that a **790 member** stood up and asked a question to set the facts straight. The issue was over the inspector's statement that **logs** must be available and presented to the inspector, **on the spot**. This is *not* true. A pilot does *not* have to produce either his pilot log book or aircraft log books during a ramp check. You may fax or mail copies to them if logs are requested. The inspector was not intentionally misinforming, but seemed to be unaware of the difference to a pilot between dragging his logs everywhere and keeping them in a safe place.



Workshop Visit Warren and Vic's RV-6A

by Tom Solar

Mike Perkins, chapter technical counselor and flight advisor, and Tom Solar visited the home of Warren Bergquist where he and Victor Evans are building an RV-6A. Warren talked about the concerns he had completing this project, *not* a quick-build kit. After about 10 years, it's just about finished except the panel, final assembly, and painting.

A while back, Warren and Vic made a fateful decision to change out the "steam gauges," which had already been installed. The new panel was to include an EFIS system (a Dynan 180 and 100) with full engine instrumentation and a King GPS. This change necessitated a new instrument panel and a lot of new wiring. Already on the slate was a PS Eng. Intercom, a comm. radio, a transponder, a dual-mode auto pilot, and elevator and aileron trim controls. A new panel aluminum had been cut out, but now Warren and Victor were standing back looking at all of this additional work to mount, connect, and test the new avionics equipment.

They are at the point where they need someone with strong avionics knowledge to help them complete the avionics package. The plane is in a well lighted, heated spacious garage at their home in Arlington Heights. If you know of anyone who is interested in helping Warren and Vic please contact them or Mike Perkins. This is going to be one beautiful well-equipped airplane.



Meetings

Last Meeting

The last meeting was a potpourri of things. Mike Perkins hosted "What's Going On With Your Project." Among others, Warren Bergquist and Vic Evans reported on their RV-6A, also discussed on this page. Mike also gave two separate presentations – Shuttle Pilots, Are They Like Us?, and a presentation describing some seldom-discussed facts about Doolittle's Raiders.

March Meeting

Our own Clyde Erickson missed being our last month's speaker due to some terribly unfortunate circumstances where he was forced to fly an airplane instead of attend. So Clyde will be our featured *March* speaker. Clyde, retired as a career United Airlines captain who will reveal some of his extensive experience with float plane flying.



IT'S RENEWAL TIME AGAIN!

Time is running out to renew your membership for 2008! If you have not yet paid your dues its time to do so. **After the March issue, only paid-up members will continue to receive the newsletter.** So fill out the renewal form on the back right away, and don't miss out on any of the Chapter fun in 2008! Dues for this year are: \$25.00/year for single/family membership; \$25.00/year: out of state (U.S. mail); \$10.00/year: out of state (Email); \$10.00/year: for students.

THANKS

Three Minutes to No Beanie

Does your cap's beanie hurt your head when you wear your aviation headset? Make it go away in three minutes.

1. Squeeze off the beanie by applying horizontal pressure around it from different angles using a regular pair of pliers.
2. Where the beanie used to be you'll see a bent-over pair of sharp teeth. Straighten them with needle-nose pliers and pull out the toothy rivet from inside the cap.
3. Strip the cloth from the old bent-up beanie and cut out a 3/8" circle from it.
4. Put the cap over a bowl or quart paint can to hold it up.
5. Apply a drop of hot melt glue to cap's center.
6. Press on the little cloth circle.

You're done. No more headset-to-beanie interference. And it won't fall apart. It might be a great project for you and your grandkids.

~ Mike ~



More 2008 Banquet Photos



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 6:30 with a social hour. The Library is located on Highway 14 between Main St/Lake Cook Rd., and Highway 59 (Hough St) in Barrington, Illinois.



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: (815) 547-9574

Email: abbiennair@sbcglobal.net

Tail-Wheel Endorsement



Bob O'Quinn, CFI, is offering tail-wheel checkout and endorsement in a Piper J-3 Cub, Cessna 140 or your personal aircraft. For more information, call (847) 358-7554 or e-mail roquinn@TurfGrassSod.org.





Calendar of Events



2008

- March 25 (Tue)..... Members Meeting, Barrington Library, 7:00 p.m.
- April 1 (Tue) Board Meeting, location to be announced, 7:30 p.m.
- April 22 (Tue)..... Members Meeting, Barrington Library, 7:00 p.m.
- *April 26 (Sat)..... Workshop visit, Tom Jackson Zenith CH701.
- *May 10 (Sat)..... Young Eagles Rally, Lake In The Hills, 9:00 a.m.
- *June 7 - 8 (Sat/Sun)..... Chapter's Annual Oshkosh work weekend (tentative).
- *June 14 (Sat)..... Young Eagles Rally, Lake In The Hills, 9:00 a.m.
- *July 28 - August 3..... AirVenture 2008.
- *August 30 (Sat)..... Young Eagles Rally, Lake In The Hills, 9:00 a.m.
- *September 27 (Sat)..... Young Eagles Rally, Lake In The Hills, 9:00 a.m.
- *October 18 (Sat)..... Young Eagles Rally, Lake In The Hills, 9:00 a.m.

* Event added this month

Contact [Don Jenerick](#) for information or suggestions regarding Young Eagle Rallies. **Phone: (847) 526-6187**

Email: d.j.jenerick@juno.com

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

Wanted: Used computer equipment for our Young Eagles Rallies. We have a printer, need a computer. Laptop is preferred. **Contact Tom LeGates (847) 462-1791, or trlegates@comcast.net**

Wanted: Assistance with wiring panel instruments on an RV-6A. Instruments are purchased, but need help in getting them hooked up. **Contact Warren Bergquist (847) 392-4472**

For Sale: Shoulder harness and lap belt for pilot and copilot. Blue, good condition. From C-182E. \$110. **Call Barbara Rapchak (815) 356-1767.**

For Sale: C-182 Pilot Seat. Very good condition. Blue tweed fabric and vinyl, professionally cleaned. From C-182E. \$500. **Call Barbara Rapchak (815) 356-1767.**

For Rent: At Poplar Grove airport, an insulated newer T hangar. Heat & electric available. Rent is \$220 monthly. By owner, who has built another hangar attached to the home. **Call 815 979 8123 or 815 544 1751.**

For Sale: 1995 Subaru boxer, 4 cylinder, liquid cooled engine. Taken from car with 35K miles. Would need overhaul for airplane use. Engine located in Elgin at Ball St. & Ludeka Pl. Available for \$500 OBO. **Contact Mark Elliott @ 847 628-3922 days, 847 742-2857 evenings.**

For Sale: RV-4 empennage kit purchased May '04 & untouched except for assembling the horizontal stabilizer spar & ribs. All of the skins are untouched & are still wrapped in blue protective covering. Price if purchased from Van's is \$1,200 plus freight. Asking \$600 FOB Cary, IL. A very nicely constructed jig is included if you pick it up in Cary. **Contact [Elaine Knoedler@sbcglobal.net](mailto:Elaine.Knoedler@sbcglobal.net)**

For Sale: Lancair project, pressurized option, horizontal stab completed, wings 70% completed, fowler flaps, speed brakes, wing tip extensions for high altitude, plus many other parts & extras. Superior workmanship throughout. **Contact Marv Jensen, (817) 573-9011 or email: kmlancair4@aol.com.**



Pre-meeting Checklist

- ✓ Name Tags
- ✓ Article(s) For The Newsletter
- ✓ Program And Outing Ideas

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.

EAA CHAPTER 790

2008 Dues Payment

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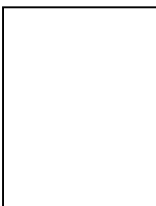


Our next meeting will be held on Tuesday, March 25 at the Barrington Public Library. Our own Clyde Ericson will be our featured speaker. Clyde, retired as a career United Airlines captain, will reveal some of his extensive experience with float plane flying. We hope to see you all there around 7 p.m.

**NEXT
CHAPTER
MEETING**



TO:



The Leader In Recreational Aviation




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