

EAA Chapter 974 Newsletter

EAA Chapter 974

September 2007

Hogan Field (KHAO)

Newsletter Editor - Brett Ferrell

Hamilton, OH 45015

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Newsletter@EAA974.com

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The Prez Says

Elizabeth Szoke, Chapter President

As many of you know, our airplane took its maiden voyage. The feeling is unreal even though you plan it for years. We would have never seen this day without help from many of you and from EAA. This club has given a lot to us and I enjoy giving back through service and fraternity. Brett has started his own little "kick your bottom in gear" kit start-up program where he helps other builders get back in the groove of regular, planned building times (I think he brings a whip, the cost is diet Pepsi and cheese-its). Our biggest "project helpers" are, of course, our tech councilors. If you know of other instances of our members contributing to each other's projects please let me know, we would like to give some recognition.

Elizabeth

Board Meeting Minutes

Kent Forsythe
Chapter Secretary

No report

Meeting Minutes

Kent Forsythe
Chapter Secretary

Meeting was called to order on September 9, 2007. Location of the meeting was the EAA974 hanger at HAO. Secretary Kent Forsythe presided over the meeting.

Attendance

- 33 Club members (attendees found on last page)
- 4 Guest
 - o Chris Osterhues
 - o Mike Sterzok
 - o Charlie Angst
 - o Russell Pfeiffer

Reports

- Secretary's Report
 - o None
- Treasurer's Report
 - o Treasures report accepted into the records.
 - o Member name tags to be ordered soon.
- Tech Counselors' Reports
 - o Ray and Mark went to see Mustang II. Looks good. Workshop is really nice.
 - o Mark worked with John Labarre
 - o Test Pilot flew Brett and Elizabeth's Velocity for first flight
- Young Eagles Report
 - o None
- Hanger Master's Report
 - o Got rubber strip down.
 - o Still some water still coming in but better.
- Web Masters Report
 - o Still working on new website. Hoping to move to it next month.
- Librarian's Report
 - o None
- Chapter Historian's Report
 - o None
- Presidents Report
 - o
- Project Reports
 - o Kent Forsythe's RV10 wings are soon to be riveted.
 - o Ken Jones will be closing wings soon on his White Lightning. Will need help to mix epoxy at that time.

Announcements

- Blue Ash Airshow
 - o Sept 22 & 23
- Rickenbacker fly in (last weekend of September)
- Mark has equipment for sale. Lighting, transponders, etc.
- Doug will collect trophy for Sunday Funday next meeting.
- Oct 27th Halloween party at Bob Dombek's house.
- For \$35 we can have and EAA974 sign added to the Butler County Airport sign post.
 - o Voted and approved.

Old Business

- None

New Business

· None

Program

This month's program was project/hanger tours. Bob Dombek provided a video tour of his Tiger Moth project. Brett and Elizabeth provided a video of the first flight of their Velocity.

- | | | |
|----------------------|--------------------|----------------------|
| 1) Brainard, Jerry | 11) Forsythe, Kent | 21) Parker, Ray |
| 2) Brainard, Linda | 12) Gassert, Kevin | 22) Payne, Brad |
| 3) Broughton, Chris | 13) Graumlich, Tom | 23) Payne, Paul |
| 4) Charlton, Brian | 14) Hogan, Tom | 24) Plevyak, Howard |
| 5) Combs, Josh | 15) Hurd, Doug | 25) Reagan, Dan |
| 6) Conn, William | 16) Jones, Ken | 26) Ruehl, Charles |
| 7) Dombek, Bob | 17) Less, Charles | 27) Schwinn, Ed |
| 8) Dornette, Mark | 18) McClary, Terry | 28) Statt, John |
| 9) Fear, Barry | 19) McNamee, Deb | 29) Szoke, Elizabeth |
| 10) Ferrell, Brett | 20) McNamee, Tim | 30) Taylor, Mark |
| 31) Theobald, George | 3) Wilson, Charles | |
| 32) Wilemski, John | | |

September Meeting - Project Visits

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The September meeting is our annual "Project Tour" of aircraft in construction or restoration, or flying homebuilt, and we had a great turnout again this year of tourist and projects to visit. Thanks to everybody for checking our very active chapter's projects, and particularly to Barry, Howard, Dan, and Tom for allowing us to check up on them.

Click on a picture to get a larger view.



Barry Fear and Turner T-40



Barry Fear and Turner T-40



Attendance is always good for Project Tour Day



The Hogan's Cabin Waco Wings



Tom Hogan and his "new" Waco Project



The Hogan's Cabin Waco - in need of the Terminex man



Dan Reagan's Lancair



Lancair-ing in the lap of leather luxury



Ray's new version of Very Easy



Dan shows us the speedbrakes



Howard Plevyak's Glastar



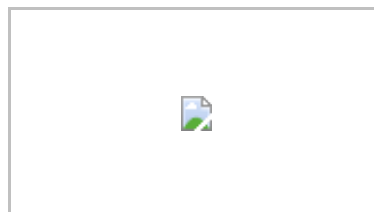
The Glastar "absolutely positively *has* to get done this year"



Kevin Gassert's EAA Biplane Project



Kevin and his Bellanca





The Bellanca Logo

Velocity First Flight

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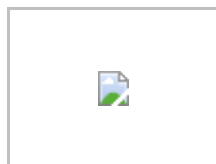
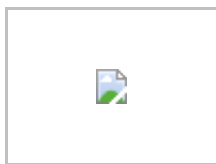
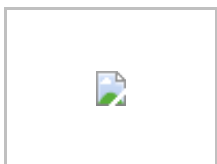
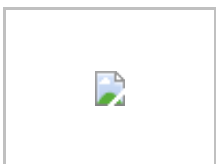
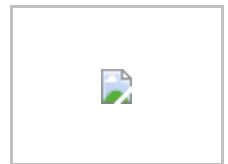
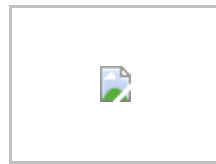
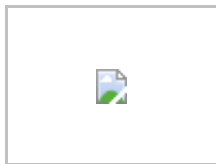
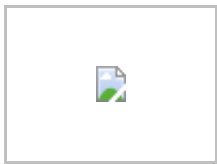
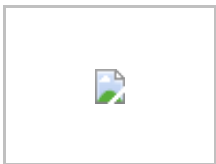
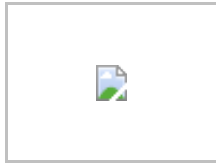
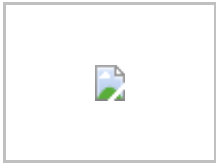
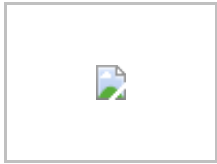
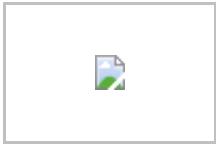
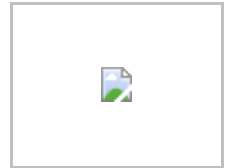
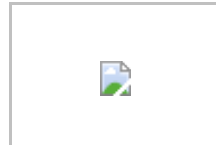
For those of you that have been living under a rock (or didn't attend the last meeting), our Velocity took her maiden flight on September 9th! We hired test pilot David Bertram to do the flight for us, as he built and flies his own (V-8 powered) Velocity and has USAF and Delta Airlines Experience. Watching our baby fly was an amazing and life-changing experience, and we appreciate all of the folks from EAA974 that have helped us along the way. We've gotten a lot of great ideas and moral support, as well as pure manual labor on occasion from you folks, and it all matters. We would like to single out, however, Ray Parker and Jerry and Linda Brainard, who have really given more than their fair share to help us realize our dream. Thank you so very much!



Brett Ferrell and Elizabeth Szoke brought a celebratory cake to the September meeting

Velocity N44VF First Flight Photogallery

[Click here for the video](#)



Chapter Badges

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For those of you that don't have a chapter badge (the stylish 'State of Ohio' shaped blue jobs with your name, the chapter's home notched into the lower left-hand corner), Ken Jones has volunteered to order some more if we get enough folks that want them. I know I want a couple, but we need a few more folks to justify and order, so let me or Ken know if you're interested.

FAA Safety Program

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"Operation RAIN CHECK"

Topic: The Fundamentals of Air Traffic Control
On Saturday, October 6, 2007 at 12:00 PM

Location:

North Central Library
11109 Hamilton Ave

Cincinnati, OH 45240

Select Number:

GL0516336

Applicable Credits:

n/a

Description:

We will discuss ATC communications and the services available to the VFR pilot at different ATC facilities and ATC separation requirements. This event is scheduled from noon to 5 PM.

To view further details and to register for this event, [click here](#).

The sponsor for this event is: **FAAsteam Ohio and Cincinnati Northern Kentucky Int. ATCT**

121.5 Beacon Deactivation Coming

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Termination of 121.5 MHz Beacons for Satellite Alerting is Coming Soon

Notice Number: NOTC0981

On **1 February 2009**, the International Cospas-Sarsat [II](#) Organization (U.S. included) **will terminate processing of distress signals emitted by 121.5 MHz Emergency Locator Transmitters (ELTs)**. This means that pilots flying aircraft equipped with 121.5 MHz ELTs after that date will have to depend on pilots of over flying aircraft and or ground stations monitoring 121.5 to hear and report distress alert signals, transmitted from a possible crash site.

Why is this happening?

Although lives have been saved by 121.5 MHz ELTs, the downside has been their propensity to generate false alerts (approximately 98 percent of all 121.5 MHz alerts are false), and their failure to provide rescue forces with timely and accurate crash location data. Both of which actually delay rescue efforts and have a direct effect on an individual's chance for survival. Rescue forces have to respond to all 121.5 MHz alerts to determine if they are real distress alerts or if they are being generated by an interferer, an inadvertent activation (by the owner) or equipment failure.

Is there an alternative?

Yes, the Cospas-Sarsat System (U.S. included) has been and will continue processing emergency signals transmitted by 406 MHz ELTs. These 5 Watt digital beacons transmit a much stronger signal, are more accurate, verifiable and traceable to the registered beacon owner (406 MHz ELTs must be registered by the owner in accordance with Federal Communications Commission (FCC) regulation). Registration allows the search and rescue authorities to contact the beacon owner, or his or her designated alternate by telephone to determine if a real emergency exists. Therefore, a simple telephone call often solves a 406 MHz alerts without launching costly and limited search and rescue resources, which would have to be done for a 121.5 MHz alert. For these reasons, the search and rescue community is encouraging aircraft owners to consider retrofit of 406 MHz ELTs or at a minimum, consider the purchase of a handheld 406 MHz Personal Locator Beacon (PLB) which can be carried in the cockpit while continuing to maintain a fixed 121.5 MHz ELT mounted in the aircraft's tail.

Remember, after February 1, 2009, the world-wide Cospas-Sarsat satellite system will no longer process 121.5 MHz alert signals. Pilots involved in aircraft accidents in remote areas will have to depend on pilots of over flying aircraft and or ground stations to hear emergency ELT distress signals. For further information concerning the termination of 121.5 MHz data processing visit www.sarsat.noaa.gov

Address SARSAT inquiries to:

NOAA SARSAT
NSOF, E/SP3
4231 SuitlandRoad
Suitland, MD 20746
Phone: 301.817.4515
Toll free: 888.212.7283
Fax: 301.817.4565

Flying Internationally

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NEW RULES IN WORKS FOR GA PILOTS FLYING INTERNATIONALLY

Planning to fly internationally? If U.S. Customs and Border Protection has its way, you'll have to electronically submit a passenger manifest at least 60 minutes prior to leaving or entering the United States. Yes, this applies to short trips across the border with your family or friends in your Cessna 172. Currently, GA pilots entering the United States give Customs 60 minutes notice by phone. Upon landing, pilots provide passenger information during a face-to-face meeting with Customs officials. "AOPA opposes making electronic filing the only means for submitting this information," said Andy Cebula, AOPA executive vice president of government affairs. [Find out how](#) the rule could affect you.



EAA Speakers Bureau

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EAA is assembling a new chapter resource, the EAA Speakers Bureau, to assist chapters in scheduling high quality programs and find guest speakers to put on a presentation or program for their meetings. Speakers who register with EAA headquarters will be included in this online resource with relevant contact and presentation information. Chapter leaders will be able to search for potential guest speakers and invite them to meetings. Chapters may offer to reimburse the speakers for travel expenses, however, this is a volunteer effort so speakers are asked not to charge for their presentations.

EAA is currently in the speaker registration phase with the live website becoming available to Chapters in mid-September. The registered speakers encompass a variety of industry professionals, manufacturers, Technical Counselors, Flight advisors, educators, member volunteers and more. Members willing to share their knowledge with the Chapter family are encouraged to register.

For more information send an e-mail to speakersbureau@eaa.org. To register as a speaker visit <http://speakers.eaa.org/speakersbureau-bin/public/register>.

[House Passes HR2881](#)

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HOUSE PASSES H.R.2881, NO USER FEES

The House of Representatives on Sept. 20 passed H.R.2881, the FAA Reauthorization Act of 2007, which would fund the FAA through 2011. "H.R.2881 is a great model for funding our future aviation system," said AOPA President Phil Boyer. "And the best news for general aviation—no user fees, a modest fuel tax increase for NextGen, and no tax cuts for the airlines. And thanks to AOPA members who helped us achieve this result by responding to our targeted communications asking them to contact certain members of the House at key times." Read more on [AOPA Online](#).



[3 Die at National Air Races](#)

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3 PILOTS DIE AT NATIONAL CHAMPIONSHIP AIR RACES

Flying from 150 to 500 mph while abruptly maneuvering around pylons has its dangers. That's part of the thrill of the National Championship Air Races in Reno. Unfortunately, three racers died during the forty-fourth annual event, Sept. 12 to 16. See AOPA Online to read about the fallen pilots and get the results for the [top racers](#).

[Sport Air Workshop Columbus](#)

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There's still opportunities to learn about aircraft building and restoration techniques in the EAA SportAir Workshop program coming to Columbus, Ohio, this weekend, September 22nd and 23rd! Hosted by the Columbus State Community College at Bolton Field on the southwest side of Columbus, EAA will be offering several courses this weekend that will introduce you to the joys of building or restoring your own aircraft, while providing the knowledge and experience necessary to do it safely and successfully. Here's a summary of what's still available:

[Sheet Metal Basics](#)

The sheet metal basics workshop is designed to help you discover that you really can build or restore your own airplane. Our goal is to present the basics of sheet metal and to give you a solid understanding of this method of construction. During this session you will learn about the different metals and fastener systems as well as the various specialty tools needed. You will have a solid grounding in the basics of sheet metal construction by first building a simple sheet metal project and then moving on to a second, more complex project, a sheet metal wing section. All tools and materials are supplied.

Duration: 2 Days Tuition for EAA Members is \$289

Composite Construction

This course provides you with everything you need to know to begin building a composite aircraft. The course will provide a complete discussion of core materials, reinforcement materials, and different types of resin systems. The hands-on portion includes such skills as bonding, hot-wire cutting, and lay-ups.

Duration: 2 days Tuition for EAA members is \$259.

Electrical Systems

The Electrical Systems, Wiring, and Avionics course will cover the basics of antenna mounting, coax cable installation, wiring of radio systems, soldering and crimping components, alternator and electrical system requirements, installation of electrical systems, etc. During the course you will learn proper soldering techniques and have the opportunity to practice. You will also complete several hands-on practice projects designed to reinforce the items discussed in the classroom portion of the course.

Duration: 2 days. Tuition for EAA members is \$289.

Fabric Covering

This session prepares you to cover or re-cover any type of aircraft, whether certified or experimental. Using the Poly-Fiber Covering System, the class will cover DC-3 ailerons. All steps are demonstrated and practiced, including preparation, gluing the fabric, shrinking, rib stitching, taping and spraying. Repair procedures will also be discussed and practiced.

Duration: 2 days. Tuition for EAA members is \$259.

What's Involved in Kit Building

Can't devote the entire weekend? Consider our Saturday evening seminar, What's Involved in Kit Building. This Saturday evening seminar is a fact-filled discussion of regulations and paperwork, the workspace required, the time commitment needed, the financial investment and insurance considerations of building your own aircraft. This course may be taken in conjunction with other workshops and includes a Pizza dinner for participants.

Duration: Evening Session, about 3 hours. Tuition for EAA members is \$25

We offer discounts for family members who will attend the course with you. In addition, if you have taken a SportAir Workshop course in the past, you are eligible for an alumni discount.

Pre-registration is required. To enroll or learn more about the EAA SportAir Workshops, visit our website www.sportair.com or call 1-800-967-5746.

Best Regards,
Mark Forss
EAA SportAir Workshops
Oshkosh, Wisconsin USA
www.sportair.com

Discounted advance tickets for the Gathering of Mustangs and Legends September 27-30 are now available online at www.GML2007.com. Discounted rates are also available for children, students, and military personnel. The event will feature aerial demonstrations and performances including an estimated 100 P-51 Mustang aircraft and additional World War II fighters/bombers, U.S. Air Force aircraft including the Thunderbirds, and top civilian performers.

MORE THAN 100 PLANES COMMIT TO 'MUSTANGS & LEGENDS'

One hundred nine classic P-51 fighters have confirmed their attendance at the Gathering of Mustangs & Legends event scheduled September 27-30 at Rickenbacker International Airport, Columbus, Ohio. About half as many "legends" are scheduled to attend (including EAA Founder and Chairman Paul Poberezny), such as aces, crew chiefs, WASP, and others who were part of the P-51 family. "We're honored that the majority of P-51 aircraft still flying today will join us at this once-in-a-lifetime celebration," said Lee Lauderback, president of Stallion 51, event presenter. For more information, visit www.gml2007.com.

Upcoming Flying Destinations

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UPCOMING FLYING DESTINATIONS:

Dayton, OH. The Dawn Patrol Rendezvous World War I Fly-In takes place September 21 through 23 at the National Museum of the United States Air Force. Contact Sarah Swan, 937/255-3286, or visit the [Web site](#).

Lakeport, CA. The twenty-eighth annual Clear Lake Splash-In takes place September 21 through 23 at Lampson Field (1O2). Contact Chuck Kimes, 877/828-2286, or visit the [Web site](#).

New Milford, CT. The Wings and Wheels vintage show takes place September 22 at Candlelight Farms (11N). Contact Black Horse Garage, 203/330-9604, or visit the [Web site](#).

Fayetteville, AR. An Airshow with Canada's Snowbirds Demonstration Team takes place September 26 at Drake Field (FYV). Contact Warren Jones, 479/521-4947.



★ UPCOMING FLYING DESTINATIONS IN THE EASTERN REGION:

Batavia, OH. A Sporty's Hot Dog Fly-In takes place every Saturday at Clermont County (I69). Free hot dogs every Saturday from noon until 2 p.m. Contact Jason Pruitt, 513/735-9500.

Wilmington, DE. The Columbia Aircraft Pilot's Association Recurrent Training Program takes place September 21 through 23 at New Castle (ILG). Contact Chuck Yanke, 847/922-2314.

Gettysburg, PA. An Apple Harvest Fly-In/Drive-In Breakfast takes place September 22 and 23 at Gettysburg Regional (W05). Contact Henry Hartman, 717/637-3741.

Somerville, NJ. The Mid-Atlantic Aviation Coalition Annual Meeting and Fly-In takes place September 23 at Somerset (SMQ). Contact Mike Stoddard, 973/377-8955, or visit the [Web site](#).

Alloway, NJ. A Fall Festival Fly-In takes place September 29 at Alloway Airfield (NJ02). Contact Rich Cheeseman, 856/589-4195.

Lock Haven, PA. A Pancake Breakfast Fly-In takes place September 30 at William T. Piper Memorial (LHV). Contact Ed Watson, 570/748-5123, or visit the [Web site](#).



★ UPCOMING FLYING DESTINATIONS IN THE GREAT LAKES REGION:

Batavia, OH. A Sporty's Hot Dog Fly-In takes place every Saturday at Clermont County (I69). Free hot dogs every Saturday from noon until 2 p.m. Contact Jason Pruitt, 513/735-9500.

Mount Vernon, IL. A KR Annual Gathering takes place September 21 and 22 at Mount Vernon (MVN). Visit the [Web site](#).

Kokomo, IN. A Glenndale Days Barbecue Bash takes place September 22 at Glenndale (8I3). Contact Steve Stants, 765/860-0246, or visit the [Web site](#).

Paoli, IN. An Aviation Awareness Day and Fly-In takes place September 22 at Paoli Municipal (I42). Contact William Grefe, 812/723-9923.

Rochelle, IL. A Fly-In/Drive-In takes place September 23 at Rochelle Municipal Airport-Koritz Field (RPJ). Contact Judy or Mark Bresson, 815/562-4617.

Alton/St. Louis, IL. A Thirteenth Annual Open House Fly-In takes place September 29 at St. Louis Regional (ALN). Contact Crystal or Denine, 888/562-9950.

To [submit an event](#) to the calendar or to [search all events](#) visit AOPA Online. For airport details, including FBO fuel prices, see [AOPA's Airport Directory Online](#).