

# Illinois Valley Beacon

September 1995

Volume 2 Issue 9

**Breakfast** Saturday, September 2nd at *Doc's Mt. Hawley Inn*, 8412 N. Knoxville Avenue, just East of Mt. Hawley Airport, beginning around 8:00 AM. See you there!

**Picnic** Our Annual Chapter 563 Picnic will be held at high noon on Saturday, September 9th at Mt. Hawley Airport. The gate will be open and there will be a tent set up in the grass at the Southeast end of the airport.

Please bring a covered dish, table service and your lawn chairs. The meat and drink will be furnished. Join us for a good time!

**Last Month** there was a Special Chapter meeting on Wednesday, August 9, 1995 at 7:30 p.m. in a hangar belonging to Bill Mathis at Mt. Hawley Airport.

A row of new corporate hangars are being built at Mt. Hawley and the Chapter has been offered the opportunity to rent a smaller end hangar in this row as a permanent home. It would be the focal point for all of our activities!

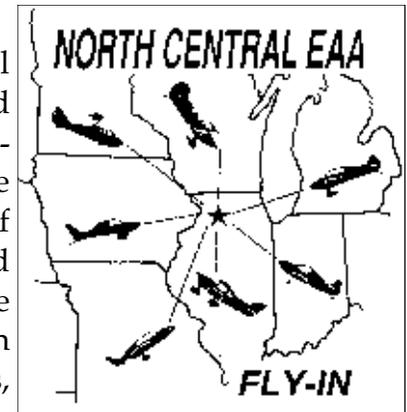
We could hold monthly meetings there, use it as an aircraft work area, house three or four aircraft, and hold a Fly-In Breakfast, Young Eagles event or any other Chapter activity.

A large group was present to consider the proposal and after serious discussion the decision for the Chapter to rent the end hangar was approved by a unanimous voice vote.

When built, the hangar will be rented by the Chapter on a monthly basis and hopefully several members can be persuaded to house their aircraft and/or projects there to help defray the costs. In this way we hope to keep the direct costs to the Chapter manageable.

## "Old Fashioned" EAA Fly-In

The Ninth Annual North Central "Old Fashioned" EAA Fly-In will be held on the weekend of September 16th and 17th at Whiteside County Airport in Sterling/Rock Falls, Illinois.



The Fly-In will feature Welding and Sheet metal Workshops, an RV Forum, Homebuilt and Classic Aircraft, Exhibits, Food Vendors, Young Eagles rides, a Large Fly Market swap area, Prizes and more. Camping will be available on the field and there is a Pancake Breakfast Sunday morning.

Chapter 563 is one of the sponsoring Chapters for this event and we have pledged to handle the "Registration Desk" at the Fly-In. So far we have six volunteers, but need more!

If you want additional information concerning the Fly-In or can volunteer to work at the Fly-In please

contact: Sam Sisk at 243-5729 or Joe Rex at 694-3792 or Ron Wright at 694-1527 or Dennis

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## Rantoul Fly-Out

On Saturday, August 19th, Twenty-three Chapter 563 members joined other EAA Chapter members from Bloomington, Champaign, Decatur and Springfield in a gathering at the "Octave Chanute Aerospace Museum" in Rantoul. We all had an opportunity to tour the aviation museum and a picnic style lunch was catered for the group, which numbered slightly less than One Hundred. Some members flew over while others car pooled. This proved to be an interesting and enjoyable event.

The Octave Chanute Aerospace Museum is a premiere showcase of Illinois Aviation and the 76 year history of Chanute Air Force Base. The museum encompasses over 126,000 sq. ft. of display space, boasting the *largest Aerospace Museum in Illinois*.

There are special memorial rooms dedicated in honor of Pioneer Aviators of Illinois and Chanute AFB Commanders and Heroes. The museum includes Uniform Displays and Trainer Cutaways, Rare Artifacts and Memorabilia, an Underground ICBM Silo and the largest Collection of Military Aircraft in Illinois. The complex has a library, gift shop and visitors reception area. Guided tours and lectures are available.

## Nomination of Officers

President Sam Sisk has appointed Joe Rex and Ron Wright to serve on a Nominating Committee charged with recruiting Chapter officers to serve next year.

Overall things seem to be going well, but new ideas and enthusiasm are the life blood of any organization. If you have the urge to contribute to the local Chapter by serving as an officer, please contact either Joe or Ron. Their phone numbers are on the back page of this newsletter.

Nominations from the Committee will be accepted at the October Chapter meeting and elections will be held in November. Nominations from the floor will be accepted at the November meeting.

## The July Chapter meeting

was held at the Hobby Hide-Away, which is a 1300 foot grass strip near Delavan. Dave Shipton was our gracious host.

Dave has a Smith Termite II homebuilt and has developed an aviation museum containing antique aircraft parts, a wonderful selection of antique and collectable model airplanes and other aviation memorabilia. **Thanks Again** for a delightful evening Dave!

## Congratulations

to Chapter Technical Advisor Al Lurie on the publication of an article in the September 1995 issue of "Light Plane Maintenance," detailing how he kept the rotor seals from the fuel selector valve in his

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Cessna 182 in place during the rebuild process.

Al devised an ingeniously simple puller made from a pair of nails tack welded to large fender washers. A bolt-and-bushing combination serves to clamp the puller legs in place.

*This is what LPM had to say about Al's device.*

“Cessna’s fuel selector valve design is wonderfully simple in operation, and extremely durable, often lasting for decades before requiring any maintenance or attention at all. But when it does need some work, be prepared for a struggle of titanic proportions.

First there’s the job of getting the valve out of the airplane — no small task in itself. Disassembly is relatively easy (watch out for flying springs and detent ball), but getting the rotor seal with it’s packings and spring back into the valve, and then slipping the rotor into the body, is darn near impossible without some sort of device to hold the spring in a compressed condition inside the fuel port.

Al Lurie’s rig allows mounting the body securely while compressing the springs, making re-assembly a passably easy job.”

**Glasstar Proposal** Fellow Chapter member Steve Bonfoey would like to set up a Glasstar study group. He is interested in investigating the costs of building one or more Glasstars, and then setting up a partnership to build, own and operate those aircraft.

The Glasstar is the new high wing Glasair aircraft which is receiving so much attention. Steve recently attended the Oshkosh test pilots seminar where the Glasstar was highly rated for performance, stability and friendliness at both high and low airspeeds. If you would like to participate, phone Steve at 346-0111.

## AIRWORTHINESS

## ALERTS

submitted by Al Lurie

**Aeronca Wing Lift Struts**, Models 7AC and 7ECA.

During an annual inspection, the front and rear wing lift struts on the right side were found penetrated by corrosion. Another submitter state the wall thickness of the right front wing lift strut was penetrated when a “punch test” for corrosion was being performed.

This condition may also exist on other make and model aircraft having wing lift struts installed. This is a long standing problem on older aircraft using wing lift struts and seriously compromises safe operation. Although these two reports were submitted by different persons, they both recommended a thorough inspection of the lift struts at least annually.

**Cessna 140 Rudder Cables**

During an annual inspection, both rudder cables were found frayed.

Approximately eight strands of each cable were broken at the forward pulleys, just aft of the rudder pedals. The submitter stated this same defect was found on a Cessna 120 aircraft 2 months prior.

It is recommended all flight control cables be given a rigorous inspection during scheduled inspections and at every maintenance opportunity. This is especially important on vintage aircraft.

Part total time — 3,070 hours.

## For Sale!

“**Reliant**” Cub — like homebuilt aircraft kit by “Higgs Superbirds” of Saluda, N.C. Never Completely unpacked. (Lost Medical). Excellent club project! \$6,200. Contact: Homer Coughan, R1 Box 1942, Seymour, MO. 417/935-4492.

## Calendar

**SEPT 2nd — PEORIA, ILLINOIS**

Breakfast the first Saturday of every month at **Doc's Mt. Hawley Inn**, 8412 N. Knoxville Avenue, just east of Mt. Hawley Airport, beginning around 8:00 AM. See you there!

**SEPT 2nd thru 4th — GUNTERSVILLE, ALABAMA**

WW-I Aerodrome Fly-In at Guntersville Airport sponsored by EAA Chapter 683. Contact: Ray Brannum, 1-800/526-6072.

**SEPT 3rd — McNABB, ILLINOIS**

FLY-IN/DRIVE-IN Breakfast, Sponsored by EAA Chapter 948, the first Sunday of the month, from 7-11 A.M. at Hartenbauer's Airport on McNabb Road, rain or shine. Contact: 815/882-2371.

**SEPT 8th thru 10th — VALPARAISO, INDIANA**

EAA Chapter 104 hosts Tri-Motor Stinson at Valparaiso County Airport. Popcorn Festival, antique car swap, pancake breakfast on Sunday. Contact: Paul Doepping 218/759-1714 or Rich Lidke 219/778-2709.

**SEPT 9th — PEORIA, ILLINOIS**

Annual Chapter Picnic at Mt. Hawley around noon!

**SEPT 9th & 10th — CANTON, ILLINOIS**

3rd Annual Monnett Moni Motorglider Fly-In/Drive-In. Stearmans from Galesburg on the field Saturday for breakfast & flyover. Contact: Ron Wright, 314/423-5058.

**SEPT 9th & 10th — GALESBURG, ILLINOIS**

*The sponsors of this event do such a poor job of publicizing it that it is hardly ever in any calendar! Since the previous announcement for the Moni Fly-In at Canton indicated that the Stearmans from Galesburg will be on the field Saturday morning, I guess it can be presumed that this is the weekend that the Stearman Biplanes will be flying at Galesburg.*

**SEPT 9th & 10th — MARION, OHIO**

Mid-Eastern Regional EAA Fly-In. Contact: Lou Lindeman, 513/253-4629 (work), 513/849-9455 (home) or Jenny Dyke, 513/878-9832.

**SEPT 10th — MT. MORRIS, ILLINOIS**

Fly-In Breakfast. Contact: 815/734-4320.

**SEPT 10th — FT. WAYNE, INDIANA**

Flying Shriners Fly-In/Drive-In Breakfast. Contact: 219/484-6688.

**SEPT 10th — VALPARAISO, INDIANA**

EAA Chapter 104 Fourth Annual Fly-In/Drive-In Pancake Breakfast. Contact: 219/926-3572.

**SEPT 10th — DUBUQUE, IOWA**

EAA Chapter 327 Fifth Annual Fly-In Breakfast. Contact: 319/583-2413.

**SEPT 15th thru 17th — URBANA, ILLINOIS**

Stinson Reunion Fly-In. Contact: 313/769-2432.

**SEPT 14th thru 17th — RENO, NEVADA**

Reno Air Races at the Reno/Stead Airport. Contact: 702/972-6663.

**SEPT 16th & 17th — STERLING/ROCK FALLS**

Ninth Annual North Central "Old Fashioned" EAA Regional Fly-In at Whiteside County Airport. The Fly-In will feature Workshops, forums, exhibits, a large swap area and more.

Camping will be available on the field. There is a pancake breakfast on Sunday morning. Chapter 563 is one of the sponsoring Chapters for this event. Contact: Gregg Erikson, 708/513-0641 or Dave Christianson, 815/625-6556.

**SEPT 22nd thru 24th — Falls of Rough, KENTUCKY**

Sport Aviation Weekend at Rough River Resort Park sponsored by Kentucky Chapters of EAA. Contact: 1-800/325-1713.

**SEPT 23rd — MEXICO, MISSOURI**

Zenith Aircraft Co. Open Hangar Day at Mexico Memorial Airport. Contact Zenith at: 314/581-9000.

**SEPT 23rd and 24th — EXCELSIOR SPRINGS, MO**

Revolution Helicopter Corp. Open House. Contact: Revolution Helicopter Corp., 816/637-2800.

*(Continued on page 5)*

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**SEPT 23rd and 24th — ALEXANDRIA, LOUISIANA**

Gulf Coast Regional EAA Fly-In. Contact: Jim Riviere, 504/467-1505 or 504/536-5364.

**SEPT 28th thru OCT 1st — CAHOKIA, ILLINOIS**

Parks College Reunion for WWII Army Air Force Cadets. Contact: 618/337-7575.

**SEPT 30th & OCT 1st — MEXICO, MISSOURI**

Sheet Metal workshop at Zenith Aircraft Co. Contact: Linda, 314/581-9000.

**OCTOBER 1st — McNABB, ILLINOIS**

FLY-IN/DRIVE-IN Breakfast, Sponsored by EAA Chapter 948, the first Sunday of the month, from 7-11 A.M. at Hartenbauer's Airport on McNabb Road, rain or shine. Contact: 815/882-2371.

**OCTOBER 6th thru 8th — EVERGREEN, ALABAMA**

Southeast Regional EAA Fly-IN. Contact: "Bubba" Hamiter, 205/765-9109 or 205/743-3916.

**OCTOBER 6th thru 8th — Willmington, Delaware**

East Coast Regional EAA Fly-In at New Castle County Airport. Officially-sanctioned EAA warbird event. Airshow each day plus aerial demos, fly-bys, victory parade of flight (Antiques, Classics, homebuilts, ultralights, Young Eagles program. Mode C waiver and no-radio procedure. WASP veterans reception, banquet, pilot forums, exhibits, displays, fly market, pancake breakfast. For pilots info packet, write EAA East Coast Fly-In Corp., 2602 Elnora St., Wheaton, MD 20902-2706. Contact: "Bud" Davidson, 215/869-3484 OR "Scotty" Scott, 302/998-3822.

**OCTOBER 7th — PEORIA, ILLINOIS**

Breakfast the first Saturday of every month at **Doc's Mt. Hawley Inn**, 8412 N. Knoxville Avenue, just east of Mt. Hawley Airport, beginning around 8:00 AM. See you there!

**OCTOBER 12th thru 15th — PHOENIX, ARIZONA**

Copperstate Regional EAA Fly-In at Williams Gateway Airport. Contact: Bob Hasson, 602/750-5480 or 602/298-3522.

**OCTOBER 18th thru 21st — ATLANTIC CITY, NJ**

40th Annual Aircraft Owners and Pilots Association Convention at the Atlantic City Convention Center. Contact: 307/695-2000.

**OCTOBER 20th thru 22nd — KERRVILLE, TEXAS**

Southwest Regional EAA Fly-In at Kerrville Airport. Contact: Bob Reece, 915/651-7882.

**NOVEMBER 4th — PEORIA, ILLINOIS**

Breakfast the first Saturday of every month at **Doc's Mt. Hawley Inn**, 8412 N. Knoxville Avenue, just east of Mt. Hawley Airport, beginning around 8:00 AM. See you there!

**DECEMBER 2nd — PEORIA, ILLINOIS**

Annual EAA Chapter 563 Christmas Luncheon at Cater Inn.



## **“BLUE SKIES”**

The Chapter picnic will be Saturday, September 9th at noon at Mt. Hawley Airport. Bring a covered dish and join us!

Ninth Annual North Central “Old Fashioned” EAA Fly-In at Whiteside County Airport in Sterling/Rock Falls on the weekend of September 16th and 17th.

A warm welcome to new Chapter members David Skinner of Metamora and Frank Smith of Peoria!

### **CHAPTER 563 OFFICERS**

President: Sam Sisk, 2207 W. Bristol Hollow Rd., Dunlap, IL. 61525, Phone 243-5729

Vice President: Dave Cook, 3824 N. Millbrook Dr., Peoria, IL. 61615, Phone 682-6074

Treasurer: Al Phipps, 6305 N. Suffolk Dr., Peoria, IL. 61615, Phone 693-2943

Secretary: Lou Carr, 1817 W. Lake Street, Peoria, IL. 61614, Phone 691-8927

Newsletter Editor: Dennis Mellen, 2333 N. Ellis Street, Peoria, IL. 61604, Phone 682-7890

At Large Board Member: Morrie Caudill, 600 W. Melbourne Avenue, Peoria, IL. 61604, Phone 685-8547

At Large Board Member: Scot Decker, R8, Box 90, East Peoria, IL. 61611, Phone 699-0087

Technical Advisor: Al Lurie, 605 E. Armstrong Avenue, Peoria, IL. 61603, Phone 682-1674

Young Eagles Coordinator: Brian Briggerman, 1113 Evergreen, Chillicothe, IL. 61523, Phone 274-5472

Flight Advisor: Jim Hannemann, 1404 Miller Street, Washington, IL. 61571, Phone 444-4062

Flight Advisor: Sam Sisk, 2207 W. Bristol Hollow Rd., Dunlap, IL. 61525, Phone 243-5729

Flight Advisor: Ron Wright, 616 Kerfoot, East Peoria, IL. 61611, Phone 694-1527

**E. A. A. Chapter 563  
2333 N Ellis Street  
Peoria IL 61604**



**inside...**

**Hangar Decision  
Chapter Picnic**

**North Central “Old Fashioned” EAA Fly-In**