

# Illinois Valley Beacon

September 1996

Volume 3 Issue 9

## Breakfast

Saturday, September 7th at

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

## This Month

We will meet on

Wednesday, September 11th, at our hangar at Mt. Hawley Airport. You no longer need to bring a lawn or folding chair to the meetings. The Chapter has purchased approximately 40 plastic resin stacking chairs.

The chairs were purchased with some of the money we received from Oshkosh for hosting the B-17 visit. We received \$2,044 as our part of the take. We also realized some income from the sale of sodas and there were some minor expenses. Treasurer Al Phipps will have an exact accounting at the September meeting.

In July we formed a hangar committee consisting of five members. Four regular Chapter members and one tenant will serve on the committee. The first four members are Bill Engel, Joe Fox, Vic DeCroix and Sam Sisk. The tenants will decide among themselves who will be their representative.

The committee was charged with the task of formulating rules and regulations regarding the operation of the hangar. Enclosed is a copy of their hard work! A "Declaration for a Chapter Hangar." Please study their proposal and come to our September meeting prepared to discuss and approve the "Declaration."

## Last Month

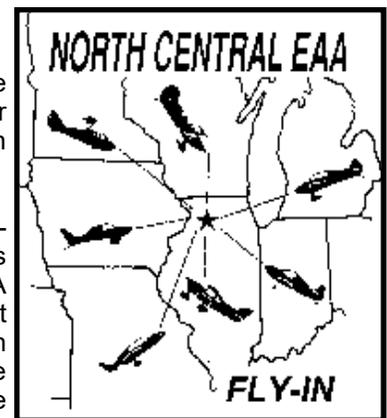
We congregated at noon

on Saturday, August 17th, for a picnic at our new hangar at Mt. Hawley Airport. Forty plus members and guests were on hand for the first ever annual Chapter Picnic in our new hangar. Despite the threat of rain, there was plenty of good food and airplane fellowship.

## Fly-In

Be sure to mark the weekend of September 21st and 22nd down on your calendar.

As one of the co-sponsoring host Chapters for the North Central EAA Old Fashioned Fly-In at Whiteside County Airport in Sterling/Rock Falls, we are expected to provide volunteer workers.



Every year the Fly-In grows a little more. Our Chapter is in charge of the registration table, which is quite a job. If that doesn't appeal to you, volunteers are also needed to direct and park aircraft, watch gates and a myriad other tasks.

The Saturday morning before the Fly-In, September 14th, is our clean up and making ready day. If you can help out, please phone Morrie Caudill at 685-8547. Thanks!

With an F16 on the left, a Super Constellation in the background and the tail of a B1b Bomber on the right, guess where this photo was taken?

Photo by Guy Snyder





## Fun-Fly '96

On Saturday, September 14th, the Heart of Illinois Ultralights will hold their annual Fun-Fly at Logan County Airport in Lincoln, Illinois. There will be a number of different contests, including bombing runs and pin point landings. Food will be available on the field. A portable TV is being raffled off. Ultralighters know how

to have a good time. If you have some spare time on the 14th, be sure to fly or drive in. For further information contact: Bruce Wilson, 309/444-3105.

## Flight Videos

Thanks to Jim Rinkenberger for picking up the following broadcast schedule at Oshkosh.

### Air Dates on ESPN

<b>1996 WORLD CHAMPIONSHIPS</b>	<b>AEROBATIC</b>
Tuesday 10-8-96	10:00 PM

<b>OSHKOSH FLY-IN '96</b>	10:00 PM
Tuesday 10-22-96	10:00 PM

<b>BEST OF "ULTIMATE FLIGHTS" #2</b>	4:00 PM
Monday 11-4-96	4:00 PM

### Air Dates on ESPN 2

## ULTIMATE FLIGHTS

<b>Show #11</b>	4:00 PM
Saturday 8-31-96	4:00 PM
Tuesday 9-10-96	12:30 AM

<b>Show #12</b>	5:00 PM
Sunday 9-15-96	5:00 PM
Monday 9-30-96	3:00 AM

<b>Show #13</b>	3:30 PM
Saturday 10-19-96	3:30 PM
Thursday 11-7-96	1:30 AM

<b>Show #14</b>	4:00 PM
Saturday 11-16-96	4:00 PM
Monday 12-2-96	1:30 AM

Show #15

Saturday	12-21-96	1:00 PM
Tuesday	12-24-96	3:00 AM

**"AIR DATES ARE TENTATIVE....TIMES ARE PROBABLY EASTERN TIME ZONE....CHECK LOCAL LISTINGS AND BE SURE TO SET THAT VCR!"**

## Briggerman Flies "CRAZYHORSE"

While at Oshkosh '96, Chapter member Brian Briggerman flew a P-51 named "CRAZYHORSE".

The P-51 was the best all around fighter of WWII. With a top speed of 470 mph, the P-51 was more than 35 mph faster than any other fighter. With auxiliary fuel tanks her range was greater than any other fighter, and she was more maneuverable than any of her competition.

Moving the throttle forward on that Rolls Royce engine must have been quite a thrill. Brian has promised a full report on what it was like to hang from the harness under all those g's for a future newsletter.



A P-51 named "CRAZYHORSE".

## Young Eagle Soars

Recently Morrie Caudill took young David Lundin on his first flight. A few days latter he received the following thank you.

Dear Mr. Caudill,

Thank you very much for my airplane flight. I learned a lot about flying, stalls and the plane itself. I am thinking about taking lessons when I get a job and when I'm old enough. If you would like to go flying again some time, give me a call. I will be looking for you in the air. Thanks once again.

Thank you, David

## Airworthiness Alerts

## WILL YOUR GPS MISLEAD YOU?

The following article was printed in the December 1995 issue of Transport Canada's Aviation Safety Vortex magazine.

Some pilots flying fixed-wing aircraft recently noticed that their VHF radio transmissions caused the Global Positioning System (GPS) to do funny things. After complaining vociferously to their avionics shops, they found that the problem could be attributed to the Emergency Locator Transmitter (ELT), which had been sleeping peacefully all the time.

What happened was that when certain VHF frequencies were used, the outbound VHF signal impinged on the ELT antenna, traveled down the antenna and excited the final output transistor in the ELT. The ELT then put out a feeble harmonic signal that interfered with the GPS.

The engineers substituted one make of ELT with another, hoping to resolve the problem. In one case, it fixed the problem and in another case, it had no effect. The problem does not seem to be confined to a specific ELT make, nor is it confined to a specific aircraft type. Installations which have less than 3 feet between the ELT and the GPS antennae may be more vulnerable than those where one antenna is on the nose of a 747, and the other is on the tail.

So far, the helicopter world has reported no such problems. In a way, that is surprising, because most helicopters have almost all antenna located within 3 feet of each other.

New systems almost invariably bring new problems with them. Transport Canada Aviation and the industry wish to get on top of this problem now, before it causes accidents or incidents. If you have noticed that your sharp, crisp professional radio reports cause your GPS to lose the bubble, Transport Canada Aviation wants to hear from you. Please contact: Bob Merrick; Transport Canada Aviation System Safety (AABA); Place de Ville; Ottawa ON K1A 0N8. The telephone numbers are (613) 990-5440, FAX (613) 990-1301, and E-Mail: Merrire@tc.gc.ca.

## ELEVATOR ATTACHMENT FAILURE

### Cessna Model 172G Skyhawk

During an annual inspection, it was discovered that excessive movement of the elevator control was required to produce a corresponding movement at the elevator.

An investigation revealed the elevator bellcrank attachment bracket (P/N 0513371-1) had broken loose from the front stringer, and only one rivet remained attaching it to the rear stringer.

When a new bellcrank attachment bracket was received, it was found to be structurally more substantial than the old bracket. This submitter stated finding five previous occurrences of this defect. Although, the exact cause could not be determined, it was recommended that all operators conduct a one-time inspection of the bellcrank attachment bracket. Part total time — 6,731 hours.

## THROTTLE CABLE FAILURE

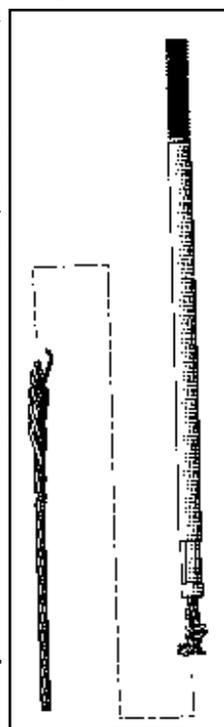
### Piper Model PA32-300 Cherokee Six

The pilot reported the engine throttle was very stiff during movement.

The throttle cable (P/N 455-358) broke while being checked for the cause of the stiffness. In the past, this defect has been the subject of many articles in aviation publications. This report, along with many others, has been forwarded to the responsible FAA aircraft certification office for action.

This problem is not specific to this particular make or model aircraft. The service difficulty data base reflects 81 reported problems with throttle cables since January 1986. The search for these reports was not confined to a specific make or model of aircraft.

Any stiffness or binding of the throttle, mixture control, or any other device operated by this type of cable should be thoroughly investigated before it causes more serious problems. Part total time—1,981 hours.



## Calendar

September 2nd thru 8th —  
GALESBURG, IL

25th Annual Stearman Fly-In. Contact:  
314/561-3827.

September 6th thru 8th — CARBONDALE, IL

Cascade of Colors at the Southern Illinois Airport in  
Carbondale, Illinois. Contact: 618/529-1721.

September 7th — OSCEOLA, WISCONSIN

Sixteenth Annual Wheel and Wings Air Fair. Contact:  
715/755-3300.

September 7th — KIRKSVILLE, MISSOURI

Free Airport Day. Contact: 816/665-5020.

**September 7th and 8th — BLAKESBURG, IOWA**

WW-I Airmeet. Contact: 520/567-4588.

**September 8th — MT. MORRIS, ILLINOIS**

EAA Chapter 682 Fly-In/Drive-In Breakfast. Contact: 815/732-7268.

**September 8th — OGLE COUNTY, ILLINOIS**

Ogle County Pilots Association / EAA Chapter 682 Fly-In/Drive-In Breakfast at Ogle County Airport, (Barnette Field). Contact: 815/732-7268.

**September 8th — DUBUQUE, IOWA**

EAA Chapter 327 Fly-In Pancake Breakfast. Contact: 319/852-7390.

**September 8th — MARION, IOWA**

Third Annual Fly-In Breakfast. Contact: 319/377-0457.

**September 8th — FT. WAYNE, INDIANA**

Mizpah Flying Shriners 28th Annual Fly-In/Drive-In Breakfast. Contact: 219/484-6688.

**September 8th — PLATTEVILLE, WISCONSIN**

Fly-In Breakfast. Contact: 608/348-3580.

**September 12th thru 15th — RENO, NEVADA**

33rd Annual National Championship Air Races and Air Show at Reno/Stead Airport.

**September 12th thru 17th — SCOTTSDALE, ARIZONA**

Cardinal Club 14th Annual Fly-In Convention. Contact: Phil Harrison, 913/842-7016.

**September 13th and 14th — ELKHART, INDIANA**

EAA Chapter 132 Pancake Breakfast/RV Exposition. Contact: 219/293-1263.

**September 13th thru 15th — URBANA, ILLINOIS**

Byron Smith Memorial Stinson Reunion Fly-In at Frasca Field, Urbana. Contact: 708/904-6964.

**September 13th thru 15th — JACKSONVILLE, IL**

Ercoupe Fly-In. Contact: 217/546-0585.

**September 14th — LINCOLN, ILLINOIS**

Heart Of Illinois Ultralights "Fun-Fly '96" at the Logan County Airport. Contact: Bruce Wilson, 309/444-3105.

**September 14th — CANTON, ILLINOIS**

Breakfast Buffet. Contact: 309/245-4777.

**September 14th — MT. STERLING, ILLINOIS**

7th Annual Fly-In Breakfast. Contact: 217/773-2513.

**September 15th — CAIRO, ILLINOIS**

Cairo Airfest '96 at the Cairo Regional Airport. Contact: 618/734-0600.

**September 20th and 21st — BARTLESVILLE, OK**

Thirtyninth Annual Tulsa Regional Fly-In at Frank Phillips Field. Contact: Charlie Harris, 918/622-8400.

**September 21st and 22nd — ROCK FALLS, IL**

North Central EAA Old Fashioned Fly-In at Whiteside County Airport. Contact: 708-513-0641.

**September 21st — DECATUR, IL**

EAA Chapter 274 Pancake Breakfast. Young Eagle Flights. Rain date 9/22. Contact: 217/935-2552.

**September 21st and 22nd — W CHICAGO, IL**

Ultimate Show of Motion at the DuPage County Airport. Contact: 708/584-1818.

*Seen at Oshkosh '96. Do you know what it is?*



**September 21st and 22nd — MEXICO, MISSOURI**

Weekend workshop at the Zenith Aircraft factory. Registration required. Contact: 573/581-9000.

**Sept. 21st — WRIGHT-PATTERSON AFB, OH**

General Aviation Fly-In. Contact: FAX, 513/257-1691.

**September 22nd — SUGAR GROVE, ILLINOIS**

EAA Chapter 579 Fly-In/Open House. Contact: 708/466-4579.

**October 3rd thru 6th — MOUNTAIN CITY, TENNESSEE**

Fifth Annual Mountain City Rotor Wing Fling at Johnson County Airport. Contact: LeRoy or Cindy Hardee, 423/246-2719.

**October 6th — 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 10th thru 13th — MESA, ARIZONA**

EAA Copperstate Regional Fly-In at Williams-Gateway Airport. Contact: Bob Hasson, 520/228-5480.

**October 12th — CANTON, ILLINOIS**

Fulton County Flying Club Breakfast Buffet. Contact: 309/245-4777.

**October 13th — AURORA, ILLINOIS**

EAA Chapter 579 Picnic. Contact: 708/466-4193.

**October 17th thru 19th — CHAMPAIGN, ILLINOIS**

Institute of Aviation 50th Anniversary. Contact: 217/244-8671.

**October 18th thru 20th — KERRVILLE, TEXAS**

Southwest Regional Fly-In. Contact: Betty Shoup, 1/800-221-7958.

**October 19th — DECATUR, ILLINOIS**



*Seen at Oshkosh '96. Cousin of "CRAZYHORSE".*

EAA Chapter 274 Chile Day at the Decatur Airport. Contact: 217/935-2552.

**October 20th — JACKSONVILLE, ILLINOIS**

Annual Fly-In/Drive-In Pancake/Sausage Breakfast at Jacksonville Airport. Contact: 217/243-5824.

**December 7th — PEORIA, ILLINOIS**

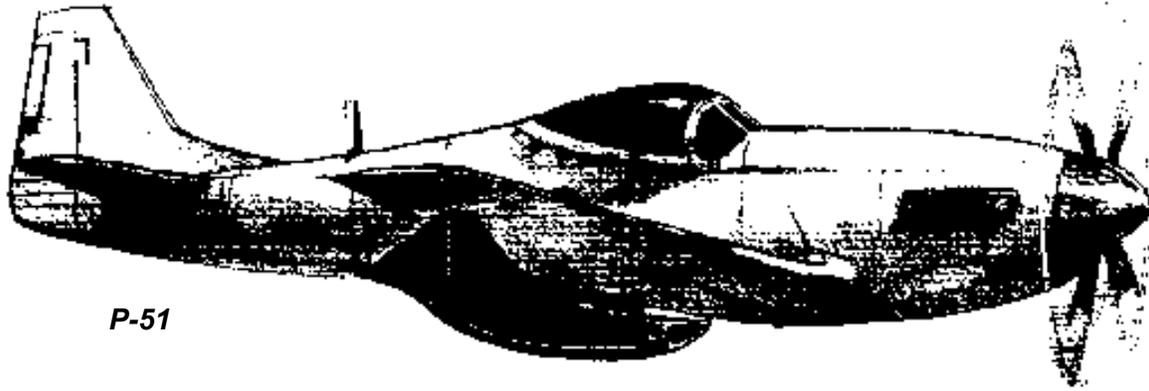
Annual EAA Chapter 563 Christmas Luncheon.

**January 1st — NAPPANEE, INDIANA**

EAA Chapter 938 Fifth Annual New Year's Day Hangar-over party/fly-in. 11:00 a.m. — 2:00 p.m. Contact: "Fast Eddie" Milleman, 219/546-4997.

**March 1st — SPRINGFIELD, ILLINOIS**

Illinois State Ultralight Safety Seminar.



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### CHAPTER 563 OFFICERS

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

**E. A. A. Chapter 563**  
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