

Illinois Valley Beacon

January 1995

Volume 2 Issue 1

BREAKFAST

Saturday, January 7th at Doc's Mt. Hawley Inn, 8412 N. Knoxville Avenue, around 8:00 AM. Doc's is just south and east of Mt. Hawley Airport. See you there!

JANUARY

We will meet at Leisure Acres Club House on Wednesday, January 11th at 7:30 p.m. Our guest speaker will be fellow Chapter member Joe Fox, who's presentation is entitled "An Iowa Farm Boy Goes to Africa!"

For 14 months around 1963 Joe worked for Cessna Aircraft Company as a regional sales manger in Europe and Africa. He should have some tall tales to tell concerning those travels!

As for Chapter business this month, returns on the Christmas luncheon indicate that we are approaching the break even point. There will also be discussions concerning the possibility of a new Chapter meeting place.

SUPER SAFETY SEMINAR

An Accident Prevention Program for all pilots, friends, families and people who use aviation transportation for pleasure or business needs will be held on Saturday, January 28, 1995, beginning at 08:00 at the IDOT Administration Building, 2300 S. Dirksen Parkway, Springfield, Illinois. Topics covered will include: Weather for Pilots; Takeoffs and Landings; and Stall Spin Awareness. The seminar is sponsored by the Springfield FAA Flight Standards District Office, The Illinois Department

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CHRISTMAS LUNCHEON

NASA Astronaut Steve Nagel of Canton was the featured speaker at this year's Chapter Christmas Luncheon. His presentation included an extensive slide show featuring his experiences preparing for and flying missions on the Space Shuttle.

Nagel explained what was involved in training for the space environment. The extent and duration of G forces during acceleration to orbit and on landing approach. The planning and computerization involved in re-entering the atmosphere and the steep descent down the glide slope to landing.

He also related what it was like to function in a weightless condition and how long it took for him to regain his land legs after returning to earth.

Steve had many slides of space shuttle hardware, including pictures of the space shuttle panel and instrumentation, the booster rockets and some of the payload projects he flew with that were not classified.

One of the slides was of Steve standing next to a Taylorcraft belonging to his father "Pete", that looked to be about a 1946 model. This is the aircraft he learned to fly in.

Another slide showed Steve at the bottom in the foreground being dwarfed by a space shuttle on the launch pad in the background! Steve said that while this is what he flies now, he is an EAA member and continues to be an avid sport aviation enthusiast.

More than 150 members, guests and friends turned out for this event and a fun time was had by all!

***Big turnout
hears NASA
Astronaut
Steve Nagel.***

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PROFILE... **BILL ENGLE**

by Ron Wright

As with most 'plane' people, Bill's interest in aviation surfaced as a pre-teen, with model airplane building. He started with basic models and quickly progressed thru the gas engine powered U control and free flight types. Bill became an expert at starting the .6 cc Ohlssons & Rice gas engines, they were really hard to start in those days+@#\$(%^*^&! He still has the skinned knuckles and fingers from prop strikes to prove it!

In the early 1970's Bill's mild inattention to aviation was SNAPPED back to 'DO IT NOW' when he saw the infamous BD-5 prototype type/literature/advertising produced by Jim Bede. Right then Bill decided that he might REALLY want to build a BIG plane some day. He decided to learn how to fly..."right now."

Bill began flying lessons at Mt. Hawley Airport and received his Private License in 1973. Bill continued to build time and flying experience and received his Commercial rating in 1976. In the mid 70's Mt. Hawley rented out a Cessna 150 Aerobat and a Citabria/Decathlon, in which Bill was exposed to the world of AEROBATICS.

Bill's interest in aerobatics expanded as his abilities grew beyond the basics. In 1980 Bill purchased a Super Decathlon and honed his skills to the point where he was competing in the various U.S. Nationals. Bill has earned trophies in both the "Sportsman" and "Intermediate" categories of aerobatic competition.

Bill has made numerous improvements and updates to his Super Decathlon and keeps himself and his plane 'at the ready' for aerobatics.

Bill is a charter member of EAA Chapter 563. He is active in Chapter functions and has twice served as Chapter President and once as Vice-President.

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SUPER SAFETY SEMINAR

of Transportation, Division of Aeronautics and The AOPA Air Safety Foundation. Contact: John Blohm, 217/492-4238 or Dale Rust, 217/524-5269.

INTERNATIONAL YOUNG EAGLES DAY

1994 will be remembered as a truly significant year full of benchmarks for the Young Eagles Program. We call upon you as an EAA member to help us achieve greater success through your new or renewed participation. Everyone can contribute to the success of the Young Eagles Program, and everyone of us will benefit in some way by your participation.

Saturday, June 10th is International Young Eagles Day. For the duration of the program, on the second Saturday of June, we will celebrate the Young Eagles Program internationally. We call for 100% participation from all EAA members to help us celebrate. Last year over 25,000 Young Eagles were flown in celebration of this event.

There is always a need for more people to affirm the goodwill of the program by stepping forward to help promote and plan Young Eagles activities. You'll find your work most rewarding. just ask any of last years volunteers. Consider sharing some of your time with the Young Eagles Program. Contact our Chapter Young Eagles coordinator, Brian Briggerman at 274-5472 for further information.

MARSHALL COUNTY

Midstate College is no longer the Fixed Base Operator at the Marshall County Airport, just east of Lacon. The new operator is a recently formed corporation known as "Lacon Aero Service."


Lacon Aero Service consists of Neil and Chad Pobanz, a father-and-son team originally from East Moline, and Bill Doyle of Henry, a former member of the Airport Board.

"It's the guys who have been working in the shop keeping it going," Neil Pobanz said. Fuel, Maintenance services,

MARSHALL COUNTY AIRPORT

hangars and tie down space will continue to be available.

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JET ACTION

WITH

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ASSOCIATES**

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(309) 693-8610

SINCE 1971

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Presently Lacon Aero does not have any aircraft for flight training, but they hope to lease the instructional aircraft used by Midstate College and retain the same flight instructors now at the airport.

SPECIAL OFFER!

The Marshall County Flying Club is extending a special offer, limited to a maximum of five individuals, to any private pilot interested in joining the club.

Normally new members must purchase a \$1,500 investment in the club and pay \$20 monthly dues, in order to enjoy a \$40 hourly wet rate on an IFR certified Cessna 172.

For a limited time new members may chose to make payments on their \$1,500 investment. With a \$250 down payment, a private pilot may join the club and begin flying immediately. The balance of their investment will be paid off at the rate of \$100 a month.

Copies of the clubs bylaws, flight rules, membership applications or further information may be obtained by contacting any of the following members: Bill Doyle, 364-3168; Raymon Kull, 248-7672; Jim Fassino, 263-8152; Dennis Mellen, 682-7890; or Barb Brusseau, 274-5089.

CALENDAR

JANUARY 15th - WAUSAU, WISCONSIN

WAPA Ski Fly-In. Contact: 715/842-7814.

JANUARY 28th - SPRINGFIELD, ILLINOIS

Super Safety Seminar, beginning at 08:00 at the IDOT Administration Building, 2300 S. Dirksen Parkway, Springfield, Illinois. Topics will include: Weather for Pilots; Takeoffs and Landings; and Stall Spin Awareness. The seminar is sponsored by the Springfield FAA Flight Standards District Office, the Illinois Department of Transportation, Division of Aeronautics and the AOPA Air Safety Foundation. Contact: John Blohm, 217/492-4238 or Dale Rust, 217/524-5269.

FEBRUARY 11th - ROCKFORD, ILLINOIS

EAA Chapter 22 Annual Frank Murray Award Banquet.

Featuring former members of the WASPS. Contact: 815/229-6500.

FEBRUARY 18th - MINNEAPOLIS, MINNESOTA

1995 Minnesota Sport Aviation Conference. Contact: 612/296-8202.

FEBRUARY 18th and 19th - NASHVILLE, TENNESSEE

Alexander Aeroplane's Builder's Workshop. Contact: 1-800/831-2949.

MARCH 1st and 2nd - ROMEOVILLE, ILLINOIS

Illinois General Aviation Exhibit/Maintenance Seminar, 21st annual event at Harold E. White Aviation Center on the Lewis University main campus, Route 53. Free attendance. Co-sponsored by the Illinois Department of Transportation, Division of Aeronautics; U.S. Department of Transportation - Federal Aviation Administration; Lewis University; and the Professional Aircraft Maintenance Association. Contact: 312, 708 or 815/838-0500, ext. 434.

MARCH 4th - CAHOKIA, ILLINOIS

14th annual Illinois Ultralight Safety Seminar at Parks College. Co-sponsored by the Illinois Department of Transportation Division of Aeronautics and the Illinois Ultralight Advisory Council.

FOR SALE

2180 CC (70 hp) GREAT PLAINS VW Engine. Ellison Throttle Body Carb, Carb and Cabin Heat/Defrost Systems, Tuned Dual KR2 Exhaust, Alternator and Starter, Remote oil Filter and Cooler. 2 Props, 43.5 Total Time. Engine Only — \$2,300 (New Cost Now \$4,738), Engine and all Accessories — \$3,000 (New Cost Over \$6,200), Firewall Forward for Zenair 701 — \$3,500 (New Cost \$6,900). I am switching to a 2 cycle engine and reduction drive. Contact: Dick Baner, 467-3208.

1946 BC12D TAYLORCRAFT — \$8,200. Contact: Bloomington, IL. 309/827-5631.

MARCH 18th - STEVENS POINT, WISCONSIN

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2nd annual Wisconsin Ultralight Safety Seminar at Holiday Inn Holidome. Co-sponsored by the Wisconsin Bureau of Aeronautics and the Wisconsin Ultralight Council.

MARCH 20th - DAYTON, OHIO

EAA Day at the U.S. Air Force Museum. Contact: Mark S. Waxman at 216/382-0781.

APRIL 9th thru 15th - LAKELAND, FLORIDA

Sun'n Fun '95 at Lakeland Linder Regional Airport. Contact: 813/644-2431.

APRIL 22nd and 23rd - SPRINGFIELD, ILLINOIS

Second Annual Charlie Wells Memorial Fly-In/Drive-In. Contact: 217/483-3201.

MAY 20th - DAYTON, OHIO

EAA Chapter 325, EAA Day at the U.S. Air Force Museum. Contact: 216/382-0781.

JUNE 4th - DEKALB, ILLINOIS

EAA Chapter 241 Fly-In breakfast at DeKalb-Taylor Municipal Airport. Contact: 815/286-7818.

JUNE 24th and 25th - GREELEY, COLORADO

17TH Annual EAA Rocky Mountain Regional Fly-In/Airshow. Contact: 303/798-6086.

JULY 5th thru 9th - ARLINGTON, WASHINGTON

26TH Annual Northwest EAA Fly-In/Sport Aviation Convention. Contact: 206/435-5857.

JULY 27th thru AUGUST 2nd - OSHKOSH, WISCONSIN

43rd Annual EAA Fly-In and Sport Aviation Convention. Wittman Regional Airport. Contact: John Burton, EAA, P.O. Box 3086, Oshkosh, WI 54903-3086, 414/426-4800.

SEPT 16th and 17th - STERLING/ROCK FALLS, IL.

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.

OCTOBER 20th thru 22nd - KERRVILLE, TEXAS

Southwest Regional Fly-In. Contact: 915/651-7882.

NOVEMBER 3rd thru 5th - PHOENIX, ARIZONA

Copperstate Regional Fly-In. Contact: 602/750-5480.

“BUGGY CARB” Provided by Al Lurie, Chapter Technical Advisor

The NTSB furnished info from an aircraft accident investigation involving a Cessna 152 with a Marvel-Schebler MA-3A, Model 10-5199 carburetor. The pilot experienced a complete loss of power during a climb which resulted in an off-airport landing. There were no injuries; however, the aircraft sustained substantial damage. Evidence prompted suspicion that the carb was the cause of the power loss. When the carb was disassembled, the float valve and seat assembly appeared to be unusually high. A darkened stain was noted in the bottom of the fuel bowl. The fuel discharge nozzle was removed, and a dark round object was seen in the fuel channel at the base of the mixture metering sleeve where fuel pickup occurs for the fuel discharge nozzle. The object was removed, and after an examination under a microscope, it was determined to be the head of an insect approximately .09375 inch in diameter. From the size of the insect head and the dark stain in the bottom of the aluminum fuel bowl, it was believed this debris had been in the fuel bowl since it was last assembled because it could not have passed the inlet screen. The carb functioned properly for approximately 50 hours before the insect decomposed and its head blocked the engine fuel supply.

CHAPTER OFFICERS

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

inside...

**Big turnout hears Steve Nagel
January meeting at Leisure Acres
Super Safety Seminar in Springfield**