

Illinois Valley Beacon

February 1995

Volume 2 Issue 2

Breakfast

Saturday, February 4th 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!

From Sam's Desk

January is Gone! February is a short month, March is usually the beginning of fairer weather, and that means more flying. We hope to incorporate some flying into the club activities such as a fly-out breakfast or some tours of those far away places in Illinois that are too far to drive.

We have some very important issues before us in the way of new regulations the FAA is proposing. The one that will affect many of us is the proposed changes in the medical standards and frequency of exams. Dennis Mellen has printed and enclosed envelopes for you to use to voice your opinion on these matters. I strongly urge you to take a few minutes and write a note. **(In triplicate)** It doesn't necessarily have to be typed, the point is to let your position, on these matters, be known.

We have had some great articles in our newsletter in recent months and I'm sure Dennis could use some more. So, if you've taken an interesting trip, or have something that could be shared with the chapter please get it to Dennis. Don't worry about spelling and grammar. He's our editor. Point made.

Those of you who missed Joe Fox's "Tour of Africa", missed a great program. Maybe we can talk him into doing it again sometime.

.....Sam

February

Next month we will meet at Leisure Acres

FAA Proposes Major Changes for Medicals

EAA Headquarters has received more phone calls and letters on this issue than any other in recent memory — even more than the Bob Hoover case. EAA's Aeromedical and Legal Councils are continuing their work with staff on a response to FAA's proposed medical changes. The EAA Aeromedical Council is currently reviewing the proposal and will be conducting a one day meeting to complete the development of a point-by-point response to the proposal.

The following is a list of major changes that are proposed for the third class medicals:

- Valid for a period of 3 years for applicants under age 40.
- Valid for a period of 2 years for applicants 40 to 69.
- Valid for a period of 1 year for applicants 70 and over.
- Distance visual acuity standard changed to 20/40 in each eye, with or without correction.
- An added requirement for near visual acuity standard for 20/40, corrected or uncorrected, each eye, at 16 inches.
- An added requirement for sitting blood pressure not to exceed 150/95.

The following is a summary of the major points in the proposal that are not limited to the third class medical requirements:

- The addition of mandatory return of suspended or revoked medical on request of the Administrator.
- Uncorrected vision standards are eliminated.
- Adds ability to hear normal conversation at six feet, dropping the antiquated whisper test.
- Adds language that explicitly provides that the Federal Air Surgeon may withdraw the Authorization or SODA (Statement of Demonstrated Ability).
- Proposes to deny or withdraw any Authorization or SODA where any information provided was knowingly or unknowingly false.
- Diabetics on oral medications will be removed from the list of specific disqualifying conditions but will still require significant medical evaluations for issuance.
- Adds language regarding the ability to perceive colors necessary for safe performance of airman duties.
- No more light gun waivers needed.
- Substance dependence is disqualifying, unless

there is clinical evidence of recovery including

All comments to the medical NPRM must be submitted to the FAA in triplicate on or before February 21, 1995.

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(Continued from page 1) **Medical Changes**

abstinence for not less than two years in the case of alcohol and five years for any other substance. • "Cardiac valve replacement," "permanent cardiac pacemaker implantation" and "heart replacement" are added as specifically disqualifying conditions. • "A single seizure" and "a transient loss of control of nervous system function(s) without satisfactory medical explanation for the cause" are added as specifically disqualifying conditions. • The use of anticoagulant medication is made specifically disqualifying. • Proposes to add routine resting electrocardiograms (EKGs) for second class medicals at age 35, 40 and every two years thereafter. • Proposes to add cholesterol standards for first class medicals.

These proposals give the FAA greatly increased discretionary powers. The FAA will have tremendous and unchallengeable latitude in the individual certification of airmen. At the same time there is no evidence that these changes will in any way increase our present limited ability to predict the possibility of sudden pilot incapacitation. These proposals will add unjustified and unneeded regulations that will only add cost without any real increase to safety.

Oshkosh asks that you keep up your letter writing to the FAA on these issues and send a copy of your response to your Congressman and Senators.

All comments to the medical NPRM must be submitted in triplicate to the FAA on or before February 21, 1995. Please use the pre-addressed envelope and send your comments to: Federal Aviation Administration, Office of the Chief Counsel, Attention: Rules Docket (AGC—10), Docket No. 27940, 800 Independence Ave., SW, Washington, DC 20591.

Club House on Wednesday, February 8th at 7:30 p.m. Our guest speaker will be Terry Kelley of Galesburg. Terry will discuss the efforts involved in salvaging a twin beech out of the ice in Greenland. This should be a very interesting evening!

Last Month

We met at Leisure Acres Club House on Wednesday, January 11th. Fellow chapter member Joe Fox was our guest speaker. His presentation was entitled "An Iowa Farm Boy Goes to Africa!"

In 1963 Joe worked for Cessna Aircraft Company as a regional sales manager in Europe and Africa. He had some tall tales to tell about the dark continent! Unfortunately many of us missed this great program, since that evening was most definitely IFR (foggy). In fact if you were following the railroad, you couldn't even see the locomotive! Maybe we can talk Joe into doing it again sometime.

Aviation Safety Seminar

There will be an Aviation Safety—Education Seminar for pilots, flight instructors and interested persons on Thursday, February 23, 1995 at 7:00 p.m. at the JET Air, INC. maintenance hangar at the Galesburg Municipal Airport.

Topics to be covered include: "Pilot Proficiency", "Causal Factors of Accidents", "Stall/Spin Awareness", "Current Air Traffic Control Procedures in Controlled Airspace", and the "Anatomy of a Checkride".

The event is cosponsored by the FAA, JET AIR, INC. and the Illinois Division of Aeronautics. For further information contact: Jan Currie, 309/342-3134 or John Blohm, FAA, SPI-FSDO, 217/492-4238.

Sun 'n Fun '95" Charter

Joannie Genne of Dynamic Travel in St. Louis has put together a charter flight for EAA members with a very special fare on TWA.

The charter is scheduled from St. Louis direct into Lakeland, Florida on April 9th, opening day of "Sun 'n Fun '95." The return flight will be April 15th from Tampa back into St. Louis.

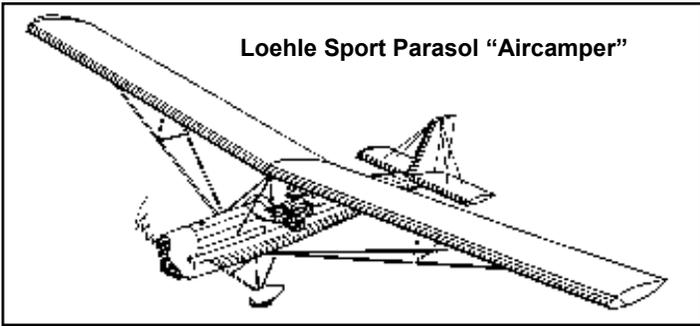
There will also be special fares available from other cities into St. Louis to connect to the charter. Arrangements

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(Continued from page 2) "Sun 'n Fun '95" Charter for car rentals and hotel accommodations can also be made.

For further information about the charter please contact Joannie Genne at Dynamic Travel, 1-800/237-4083.

Midwest Constructors Conference

The Third Annual Midwest Constructors Conference and Open House will be held Saturday, March 4th at the American Champion Aircraft Factory, in Rochester, Wisconsin, from 9:00 a.m. until 3:00 p.m.

This open house is sponsored by the American Champion Aircraft Corporation, Superflite and the EAA Chapter 60.

At press time several aircraft and accessory manufacturers had expressed interest in displaying at the Conference. Among them are T.E.A.M. Aircraft, Quad City Ultralights, Loehle Aviation, Ritz Propellers and Innovation Engineering. Factory representatives from Concorde Batteries and Champion Spark Plug Company will give entertaining talks on their products.

Gas welding with the Henrob torch will also be demonstrated as well as demonstrations of Strobe Lighting, and the remarkable Croix HVLP Paint System.

Attendance is free, but please R.S.V.P. by February 25th. R.S.V.P. by phone to Superflite at 1-800/323-0611 or by fax to 1-708/364-0358.

Future Fuels

Cessna Aircraft has announced their intention to certify the new piston aircraft they produce on a new **Grade 82 unleaded aviation gasoline**.

The new Grade 82 fuel specification is based on the autogas specification. In simplified terms, it allows the use of the massive auto gas pool after completing

some additional tests to ensure compliance with the 82 UL specification requirements.

The new specification will allow the use of the additives such as MTBE and ETBE but limits alcohols to a very low concentration.

Also a new development for the Grade 82 UL specification is that it will allow for field certification of the fuel. In theory this could allow a company to take on autofuel at a distribution center, test it for compliance to the Grade 82 UL specification and sell it as Grade 82 IL aviation gasoline.

The specification for this new Grade 82 UL has been submitted to ASTM for approval and if all goes well the specification will be accepted. The downfall of the new specification is that current 80 octane engines will require an amended or supplemental type certification to use this fuel. EAA will continue to work on these and many other fuel research projects to ensure an economical fuel for sport aviation.

The EAA Flight Advisor program is up and running and flight advising has begun. There are currently well over 200 EAA Flight Advisors in 44 states and seven countries and more advisors are being added every day. There have been several successful first flights and no reported accidents. The computer data base of EAA Flight Advisors is up and running at EAA Headquarters and we can now quickly and easily connect you up with a Flight Advisor. In many cases we can pair a pilot with a Flight Advisor that has experience in your exact make and model of aircraft.

There will be an opportunity for everyone to experience



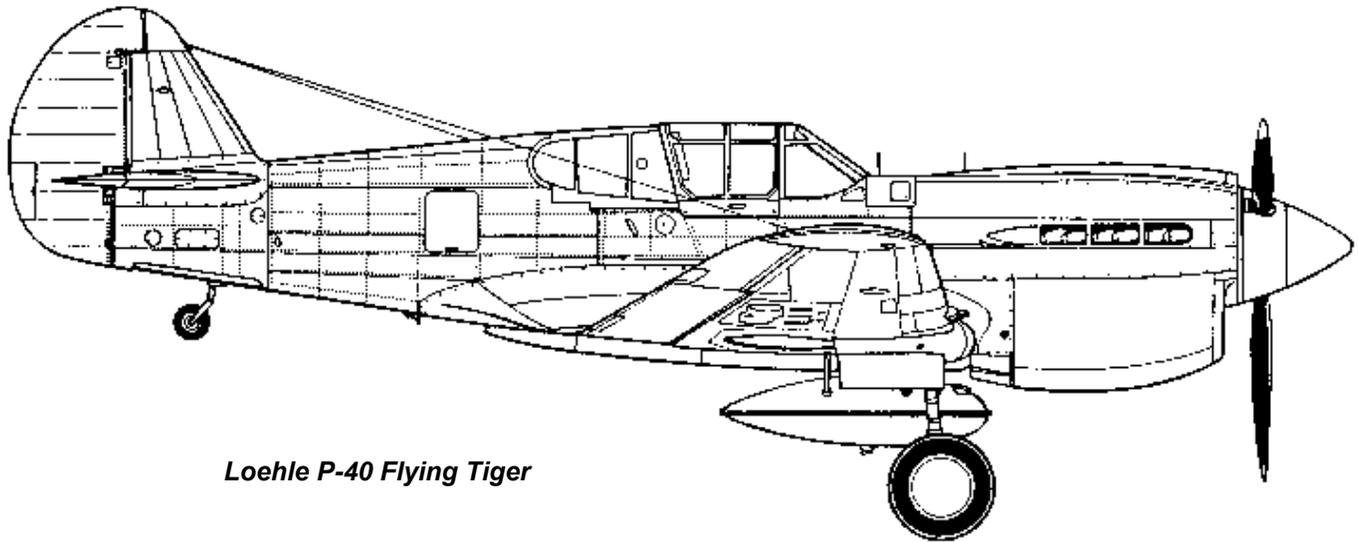
how a Flight Advisor can assist you at this year's EAA Oshkosh

Fly-In Convention. A forum will be held every day of the Convention so that you can learn more about the program, Flight Advisors' experiences, and ask questions of some leading EAA Flight Advisors.

Loehle P-40 replica

I would like to take a moment and personally update you

(Continued on page 4)



Loehle P-40 Flying Tiger

(Continued from page 3) **EAA Flight Advisor**

folks on Loehle Aircraft Corporation's newest addition to the world of replica aircraft.

For several years, my company has been developing a P-40 Flying Tiger replica in kit form for the amateur builder. The P-40 is now up and flying perfectly! The required FAA flight restrictions have been completed and I am proud to say that the P-40 flies identical to our famous "5151" Mustang. The aircraft is easy to fly, cruises 75-90, and lands around 35. Cub or Champ pilots feel right at home!

The kitting of the P-40 is complete and the first 10 builders are well underway.

If you have ever thought about being a "Warbird Driver" yourself, but limited in funds, this just might be your answer.

If any member or group of members would like to see the P-40 or our factory up-close, just call and let us know...1-615/857-3419. We would be happy to set up a visit and show you around. Thank you for your time and fly safe!

.....Mike Loehle

Calendar

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, TN.

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

FEBRUARY 23rd — GALESBURG, ILLINOIS

Aviation Safety—Education Seminar for pilots and flight instructors at 7:00 p.m. at the JET Air, INC. maintenance hangar at the Galesburg Municipal Airport.

Topics include: "Pilot Proficiency", "Causal Factors of Accidents", "Stall/Spin Awareness", "Current Air Traffic Control Procedures in Controlled Airspace", and the "Anatomy of a Checkride".

Cosponsored by the FAA, JET AIR, INC. and the Illinois Division of Aeronautics. Contact: Jan Currie, 309/342-3134 or John Blohm, FAA, SPI-FSDO, 217/492-4238.

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.

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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.

MARCH 4th — ROCHESTER, WISCONSIN

Third Annual Midwest Constructors Conference and Open House at the American Champion Aircraft Factory, from 9:00 a.m. until 3:00 p.m. Sponsored by the American Champion Aircraft Corporation, Superflite and the EAA Chapter 60. Attendance is free, but please R.S.V.P. by February 25th. R.S.V.P. by phone to Superflite at 1-800/323-0611 or by fax to 1-708/364-0358.

MARCH 18th — STEVENS POINT, WISCONSIN

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 7th — 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.

MAY 20th — DAYTON, OHIO

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

JUNE 3rd — PEORIA, ILLINOIS

Annual EAA Chapter 563 Parade of Projects visits, after our monthly Saturday breakfast.

JUNE 4th — 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.

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 2nd — 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.

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, WI.

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.

AUGUST 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.

AUGUST 19th — PEORIA, ILLINOIS

Annual EAA Chapter 563 picnic.

SEPT 3rd — McNABB, ILLINOIS

FLY-IN/DRIVE-IN Breakfast, Sponsored by EAA Chapter

Sky Struck — “Design Specific” aircraft builders’ workshops and seminars

It's still cold in these parts but we're warmin' up for another exciting season of fun working with airplane "nuts"! Although we are not "connected" with any kit manufacturers or aircraft parts supplies, we have their cooperation so we can best present what it takes to successfully complete a project. We believe that individual success in building and flying is the key to securing the future of sport aviation for **all of us!**

This year we have focused on a handful of the most popular and enduring homebuilt aircraft, as well as, restoration of antique/classic airplanes and practical auto engine conversions. With a few exceptions, our workshops/seminars are held in Oshkosh. They cost \$99 for seminars and \$199 for workshops. We've found that "Struckees" really enjoy the "get Away" and visiting the EAA while they're here. **Sky Struck's 1995 Schedule:** RAG'N RESTORATION: June 3&4, CUBS & STUBS (Seminar): April 7 (Lakeland), July 26, EZE/COMPOSITES: June 10 & 11, RV: May 13 & 14, July 25 & 26, Sep. 9 & 10, SONERAI: March 13 & 14, May 20 & 21, Aug. 26 & 27, SPEED (Seminar): July 31, TAILWIND: Sep. 16 & 17, ZENAIR: May 6 & 7, Sep. 30 & Oct. 1, VW/SUBARU ENGINES: June 17 & 18. If you have any questions or need registration info please call: 1-800-SKY-STRK.

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