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July 2013 Newsletter

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UNO Aviation Institute Visit

The June meeting was a visit to the UNO campus to be introduced to their Aviation Institute. The Institute was established in 1990 and now offers Bachelor of Science in Aviation with concentrations in Air Transport Administration and Professional Flight as well as concentrations in Aviation and Transportation as part of the School of Public Administration's MPA and PhD programs. We had a pretty good turnout, 21 members. The members were welcomed to



the facility by the Director, Scott Vlasek who teaches introduction to Aviation, along with business and corporation aviation, airline planning, and fixed base operations. Scott holds a Private Pilot Certificate. David



Smith who teaches pilot certification courses and directs all flight training activities was there also. David is a retired US Air Force Lt Colonel. He has over 4500 hours in the KC-135, RC-135, and T-38. After briefly covering the school curriculum and degrees, they explained that they had two simulators. One an ATD (advanced training device—no motion) and the other a full motion with G1000 panel. The ATD was

configured with a full complement of radios, steam gauges, and a large three monitor outside view while the full motion box had a G1000 panel. A number of members flew both simulators although I only flew the ATD. I have flown a few simulators in my time and they are invariably more difficult to fly than a real airplane, but they are great tools. The full motion looked really fun. I believe they were both RedBird models whom has made quite a name for themselves in the simulator world the



last 7 years. Dick Austin, took some photos which are shown below:



All in all, it was an interesting "field trip", well worth the effort.

July Meeting

The July meeting will be held on July 8, 2013, 7 PM, Hanger One, Millard Airport. The program for the evening will feature David Moll, president of IAC Chapter 80 (International Aerobatic Club) in Seward NE. David will provide an introduction to aerobatics and how aerobatic training can benefit the GA pilot. Hope to see you there.

No June 2013 Minutes!

There are no minutes from the June meeting due to the membership using the meeting to visit the UNO Aviation Institute as highlighted in the opening article.

Also, there is no June newsletter since I am trying to get in sync by having the newsletter date reflecting the date of the upcoming meeting month. This is the July issue. Hang with me, I'll get it together soon.

Young Eagles Rally

We had a very nice turnout for June's Young Eagles Rally. We flew 24 kids even though we were keeping one eye on the weather with every flight. We did stop early though because the storm moved in on top of the airport. Fortunately, of those who were there, only two had to be rescheduled. We had a few late comers and they were rescheduled for the next event. As always, I give great thanks to the pilots, Dale, Ron, Ed, Bruce, and Tom. And, I couldn't survive without the support of

the ground staff, Dick, Kathy, and her son Matt. Without the support of all of these folks, it wouldn't be happening. Again, my thanks to all of you.

Just a reminder, we have another rally scheduled July 13 and I am expecting (hoping) for a turnout of around 30 kids. If you can help, it would be appreciated.



NEBRASKA WAIEEX

MY BUILDING and flying partner Mike Tabler and I started our WaieX on October 1, 2012, and completed it 10 months later after 1,350 hours of work. Since we are both retired pilots from the 55th Wing, 343rd Squadron, the aircraft is painted in the colors used on P-51 Mustangs flown by the squadron in World War II. Our WaieX flies great and is powered by the AeroVee engine. Sonex has been great in working out any hiccups we have had along the way. *EAA*

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The above article was in the June issue of the EAA Sport Aviation magazine highlighting the aircraft completion. Dick is a member of Chapter 80.

Pulse Oximeter App Available

By Mark Phelps / Published: Jun 27, 2013
Related Tags: Pilot Supplies, News, Avionics & Gear RATE IT! 100% or 0%

All manner of safety-of-flight information is available on iPads and iPhones. Weather, traffic, terrain and engine health information

can all be displayed on the ubiquitous Apple products. And now, you can add your blood oxygenation level, pulse rate and perfusion index to the list of available information.

The Masimo app works with the company's iSpO2-3587 clip-on pulse oximeter to track the percentage of blood oxygenation (SpO2), measure pulse rate and monitor the perfusion index — the amount of blood flowing in the area being measured (if there is insufficient blood flow, the SpO2 readings are inaccurate).

Hypoxia is well known as one of the more insidious hazards of flight. We all learned in primary flight training that the higher we fly, the less oxygen is available in the atmosphere. We also learned that one of the effects of hypoxia is a feeling of well being. Measuring blood oxygenation level is critical to flagging hypoxia before it's too late. In non-pressurized aircraft, the pilot will know to either use supplemental oxygen or descend to a safer altitude. In a pressurized airplane, the pilot will be alerted to possible failures of the pressurization system.

The Masimo app and iSpO2-3587 pulse oximeter connects to the iPad or iPhone without the need for its own power supply. It's compatible with iOS 5.0 and above and sells for \$249.

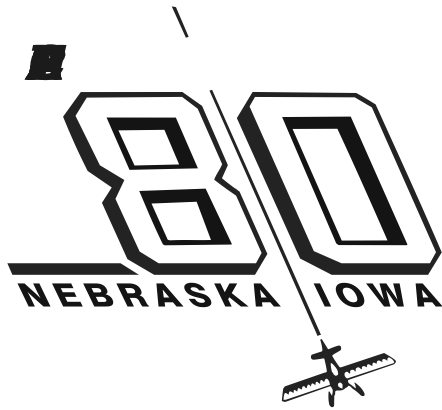
Read more at <http://www.flyingmag.com/avionics-gear/pilot-supplies/pulse-oximeter-app/>.

Pilot Humor

Muhammad Ali: Superrman don't need no seatbelt.

Flight Attendant: Superman don't need no airplane either.

-Quoted by Clifton Fadiman, 'The Little Brown Book of Anecdotes,' 1985



Experimental Aircraft Association
- Chapter 80 C/O Hangar One
12916 Millard Airport Plz.
Omaha, NE 68137-4280

SportAir Workshops

EAA SportAir Workshops: Griffin, GA, Aug 117, 2013.

EAA SportAir Workshops: Seattle, WA , Aug 24, 2013. Come gain the knowledge and hands on experience you need to see your dreams take flight. Best of all, they provide the facility, tools, and all of the expertise.

Courses offered in Griffin, GA are: TIG Welding, 2 days, \$349

Courses offered in Seattle, WA are: Composite Construction, 2 days, \$349.

Fabric Covering, 2 days, \$349.

Sheet Metal Basics, 2 days, \$349.

Electrical Systems & Avionics, 2 days, \$349.

What's Involved in Kit Building, Evening, \$25.

For workshop info, go to -

<http://www.sportair.com/workshops/> and select the workshop you are interested in. E-Z pay is now available. Call the SportAir hotline at 1-800-967-5746 to register using this option.

PIREPS

Nebraska Department of Aeronautics

York Airport (JYR) EAA Chapter 1055 Fly-In breakfast on the 1st Saturday of every month, 0800-1000. Free to PIC.

Crete Airport (CEK) EAA Chapter 569 Fly-In breakfast on the 3rd Saturday of every month, 073-1030.

July 1-4 Seward (SWT) Midwest Aerobatic Club, aerobatic competition. July 1, practice and registration, July 2&3 aerobatic contest. July 4, free air show and air races 11am to Noon. More info 402-475-2611.

July 3-9 North Platte (LBF) Navion National Fly-In.

July 3 registration at LBF Sand Hills Quality Inn.

More info Dick Kimball 308-532-3092.

July 8-10 David City (93Y) 14th Annual Ultralight Gathering. In conjunction with "July Jam" sponsored by David City Chamber of Commerce.

July 9 Wayne (LCG) Fly-In breakfast, 0730-0930, free to fly-ins.

There are lots of activities occurring within the state in July. Please go to [NE-AVIATION](http://www.aero.state.ne.us/) . Or if you are reading this, go to: <http://www.aero.state.ne.us/>