

EAA CHAPTER 80 NEBRASKA IOWA



News!

Visit Our Web Site
www.EAA80.org

April 2014 Newsletter

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Home Builders Workshop

Tom Wieduwilt (TW) and Ken Bahr presented our members with a short lesson on building metal wing ribs and other small metal parts. TW is working on a Bearhawk and Ken s building a Sonic. After discussing the need for a template of the rib/part being created from the plans, they talked about how to do that.



There was discussion on the need to create an oversize blank to make sure you have material available for flanging. They discussed different shears for cutting, and using fluting pliers. After talking pluses and minus' for using a specific brands of tools, they did a demonstration showing the techniques for using the tools. Wooden forming blocks and the need for alignment holes in the blocks were discussed. Lightening holes and their creation were also a topic. Hopefully the awareness that TW and Ken have raised about the skill level needed to do these type of activities and will cause others of us to consider a plans built aircraft rather than a

make sure you have material available for flanging. They discussed different shears for cutting, and using fluting pliers. After talking pluses and minus' for using a specific brands of tools, they did a demonstration showing the techniques for using the tools. Wooden forming blocks and the need for



kit.

REMINDER!

Please see the membership chairman and get current on your dues if necessary.

Chapter 80 Meeting Minutes March 10, 2014

The meeting was called to order by President Tom Mann at 19:00 at Hanger One, Millard Airport. There were 32 members present and no guests.

- Minutes: A motion to approve the minutes of the previous meeting was placed, seconded, and passed.
- Treasurers Report: Treasurer not present, No report.
- Membership Coordinator: Dues are being received. 70% of the members have paid their dues. An appeal was made again for all members to pay their annual dues.
- Tool Committee: All tools accounted for. The metal bending brake, 10 ft ladder, and air compressor are still in Wahoo. The ramps for the trailer are in the weeds next to the Wahoo hanger.
- Young Eagles: There were no YE events. We will have our first event on April 19th at Millard. We need the pilots and ground support to turnout.
- Tech Counselor / Fly-Out: Nothing to report.

- Flight Advisor: Nothing to report.
- Social Coordinator: We purchased too much pizza for our meeting at IWCC A&P Building last month. Unfortunately some of the members had to take some home. A question was raised as to whether to have a Poker run after Easter. (No decision)
- Builders Report:
 - Chris Halfman is still working on RV-7A electrical.
 - Jerry Ronk F1 Rocket flying with no problems.
 - Tom Mann working on fuel system and hydraulic system of Velocity.
 - Gene Larson RV-12 flying with no problems.
 - Mike Howard brought in his new ground adjustable composite Sensenich propeller for members to view. Still working on RV-12.
- Old Business: Trying to negotiate with the Omaha Airport Authority the use of a storage space at the end of one of the T-Hanger buildings in Millard. A question was posed as to what to do with the tables and chairs and the propane tank that we have at the Wahoo hanger. (No resolution yet) We are moving out of the Wahoo hanger the weekend of March 15– 16.
- New Business: We were contacted by EAA HQ from Oshkosh to ask for help as ground crew and retail personnel for the B-17 June event at Eppley Airfield. Several members described the conditions and what our Chapter is expected to provide and do. It was estimated that around 20 people would have to commit to help for an even distribution of the labor needed, and only 10 members showed in interest. We got a motion to decline the invitation, it was seconded, and passed.
- Raffle Winner:

- Program: Building aluminum wing ribs. See lead story.
- Announcement: Pilot Larry Smith passed away two weeks ago.

Website: www.eaa80.org

David Silchman, Secretary

NEXT MEETING!

The next meeting will be on April 14, 2014, 7:00 PM at Hanger One, Millard Airport.

The program is still being decided.

In The News

In December 2013, members of Congress introduced the General Aviation Pilot Protection Act Of 2013 (HR 3708) and (S 2103). This legislation would allow pilots to use a valid state driver's license in place of the traditional 3rd class medical certificate when doing not-for-hire flying in an aircraft weighing 6000 lbs or less. Please lend your support and a donation if you can.

Reduce Stall/Spin Accidents

The FAA has recently approved the use of Angle of Attack (AOA) indicators for general aviation aircraft. An AOA indicator will warn you of low lift margin well in advance of the aerodynamic stall. BendixKing has been a leader in the field for experimental aircraft and has continued their marketing effort for GA. Their unit, the KLR 10, is supposedly easy to install and easy to read. It mounts on the glare shield right a eye level and provides continuous AOA awareness when scanning for traffic or monitoring the runway

environment on approach.



BendixKing KLR 10 Lift Reserve Indicator

To compliment your AOA, you can install a stick shaker like the big iron contains if you wish. The April issue of Sport Aviation has a great article on building your own. The author claims he built one for less than \$40 and plans to hook it up to an AOA. If you don't have an AOA, you can connect it to a stall warning switch. To see a video of the stick shaker built, visit www.sportaviation.org.



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

SportAir Workshops

EAA SportAir Workshops: Lakeland, FL, May 5, 2014

EAA SportAir Workshops: Broomfield, CO May 10, 2014

Courses offered in Lakeland, FL: **Fabric Covering** with DVD Presenter Lynn Bauer, 2 Days, \$349
Sheet Metal Basics with DVD Presenter Mark Forss, 2 Days, \$349

Courses Offered in Broomfield, CO, May 10,
What's Involved in Kit Building, Evening, \$25
Composite Construction, 2 Days, \$349
Fabric Covering, 2 Days, \$349
Sheet Metal Basics, 2 Days, \$349
Electrical Systems & Avionics, 2 Days, \$349

PIREPS

Nebraska Department of Aeronautics

- **York Airport (JYR)** EAA Chapter 1055 Fly-In breakfast (free with donation) on the 1st Saturday of every month, 8:00-10:00.
- **Crete Airport (CEK)** EAA Chapter 569 Fly-In breakfast on the 3rd Saturday of every month, 8:00-10:00.
- **Seward Airport (SWT)** Midwest Aerobatic Club has regular meeting on 3rd Saturday of the month.
- **April 26—Council Bluffs Airport (CBF)** FAAST Safety Meeting ADM and "What Went Wrong?" Presented by Dan Petersen, FAAST Program Manager at 1:00 PM. Associated chili fee with UNO WIA/CAIP Organization from 11:00 AM to 2:00 PM.