



Experimental Aircraft Association

Chapter 135

News



Number Three

March 2016

Minutes from February 13, 2016 meeting

Hi all,

The monthly meeting of EAA Chapter 135 for February 2016 went well with only 8 members in attendance.

Brant Hollensbe, Mike Graber, Ralph Briggs, Roger Stewart and Janet Stewart, Stuart Rahn, Mark McAdoo, along with Al Hummel as moderator for the prez.

Called to order at 6:05 first order was going around the room to see what everyone had been doing flying or other.

Mike Graber gave an overview on the Soneraii project (of our dear late friend Rich Milburn) Mrs B would like to sell it. Mike has been instrumental with inventorying the parts and made up a few flyers that have been placed at a few airports. If you are looking for a project or know of some one who may be interested let Mike know. Also, mentioned the memorial brick for Rich at Greenfield museum was completed and a check had been sent to complete the transaction.

Ralph fired up the tri pacer and it runs like a top, waiting to see what the pilots bill of rights comes out with next.

Roger moved his 172 into his shop to begin the annual, and it sounded as if the was a bit of a challenge since the wing span is 36 feet and the door is only 30. After some EAA ingenuity along with a car dolly and 4x4's roger reported it was a success.

NEXT CHAPTER MEETING

will be held

Saturday - March 12, 2016

6:00 P.M.

Meeting Room at Exec 1 Aviation

Program: Videos

Stuart and Mark have both been flying some but the cold weather has helped them make a no go decision.

Mark had some battery issues which also led to a afternoon of hanger flying instead of soaring among the clouds.

Brant and Ralph attempted to escape the bonds of the earth but low ceilings which continued to drop made it clear that they were just gonna have coffee instead. Brant did buzz up to Spencer avionics for some tweaking to the HSI in the 182 and then discussed the ADS-B update with the staff.

the moderator didn't have the correct IPAD connection cord to use the overhead projector so no video was viewed. Although, as a resourceful CFI along with a white and marker a brief refresher coarse along the lines of a rusty pilot was presented. We reviewed airspace and requirements, pattern entry, weather abbreviations, and metar decoding. However, with the last component of this presentation decoding is no longer a real issue since most of us use foreflight or another

electronic program.

Also, discussed the inclusion of pictures, building projects or anything you do for the news letter, Wes needs more good stuff. Also, send pictures to Dave and he will upload em to the our web page.

Meeting was adjourned at 7:15

Treats of Girl Scout cookies was provided by Exec 1 Aviation they just didn't know it.....

hope to see ya all next month.

AJ Hummel filled in for the Prez

Hybrid Electric Aircraft Motor Powers Up

The powerful new Hypstair motor spins for the first time at the Pipistrel factory in Slovenia.

By Pia Bergqvist Posted February 19, 2016

from Flying website

A new hybrid electric motor developed through a project named Hypstair has the potential to make a breakthrough in emission-free propulsion in aviation. The motor is being tested on a Pipistrel airplane and was recently powered up for the first time at the factory in Ajdovscina, Slovenia.

Hypstair claims its 200 kW motor is the most powerful hybrid electric powertrain developed for aviation to date, providing an equivalent amount of power as typical general aviation engines. The Hypstair drive motor is designed to deliver 200 kW for takeoff and 150 kW in cruise. The motor can run in electric-only mode, using battery power, generator-only mode or hybrid mode combining the two. A single lever will be used to operate the powerplant and a panel mounted display will provide status and performance data.

For the initial testing, a five-blade, low-rpm propeller has been attached to the motor. The first power-up tested all power modes at low and high power settings.



The powerful hybrid electric Hypstair motor fires up for the first time.

“[Hypstair] demonstrates the possibility for general aviation class aircraft to be electrically powered and it confirms the vision of Pipistrel — we were the first to design a four-seat aircraft, the Panthera, which can be alternatively equipped with three different propulsion types: piston engine, electric motor or hybrid powertrain,” said Pipistrel’s CEO Ivo Boscarol. “Project Hypstair represents a major step in the direction of a

hybrid aircraft and an opportunity for Pipistrel and other general aviation aircraft manufacturers.”

All powertrain components were developed by Siemens, one of the leaders in electric propulsion today. Frank Anton, head of e-aircraft at Siemens AG, says the electric drives are scalable and he expects electric propulsion will be available for larger aircraft in the future.

Scale Rental Info

All scale rentals require check for \$200.deposit (Will be returned, uncashed, upon timely scale return).

Three day rentals. May be extended for three additional days at no charge, if there are no other conflicting requests for their use, with notification by phone. Otherwise late fee of \$100 per day applies.

Chapter 135 members (must be member 3 months prior to rental date.) ..\$25.00 for 3 days

National EAA member but not Chapter 135 member\$75.00 for 3 days

A&P or FBO rate\$125.00 for 3 days

Copy of rental agreement available by fax or email by calling Craig Martin at 515250-3124 or email to cmartindsm@gmail.com

Scales are kept at Wisecup Willow Aviation (Craig Martin) Nash Field, Indianola.

Iowa Department of Transportation Office of Aviation Calendar

March 2016

Wednesday, March 9

Red Oak Municipal Airport (RDK)

FAA Safety Team Meeting
CFI of the Year Awards to Norm Yeager
6:30 p.m. - 9 p.m.
Phone: 515-289-4821 (Chris Manthe)
Email: Chris.Manthe@faa.gov
Website: FAASafety.gov

Tuesday, March 22

Carroll Municipal Airport (RDK)

FAA Safety Team Meeting/Potluck soup
CFI of the Year Awards to Norm Yeager
Soup - 6:30 p.m.
Safety meeting - 7 p.m. - 9 p.m.
Phone: 515-289-4821 (Chris Manthe)
Email: Chris.Manthe@faa.gov
Website: FAASafety.gov

April 2016

Saturday, April 2

Greenfield Municipal Airport (GFZ)

Iowa Aviation Museum
Chili fly-in
11 a.m. - 2 p.m.
Phone: 641-343-7184 (Greg Schildberg)
Email: aviation@iowatelecom.net
Website: www.flyingmuseum.com

May 2016

Wednesday, May 11 -
Friday, May 13

2016 IPAA Conference

Grand River Center, Resort, and Waterpark
Dubuque, Iowa
Phone: 515-727-0667 (Sue Heath)
Email: sheath@iowaairports.org
Website: www.iowaairports.org

June 2016

Sunday, June 5

Audubon Municipal Airport (ADU)

Flight breakfast
6:30 a.m. - 10:30 a.m.
Fly-ins eat free
Phone: 712-563-3780 (Barbara Smith)
Email: audchmbr@iowatelecom.net

Oelwein Municipal Airport (OLZ)

Fly-in breakfast
7 a.m. - 11 a.m.
Pilots in command eat free
Phone: 319-238-1313 (Ken Woodraska)
Email: kmwoody49@yahoo.com

Saturday, June 18

Keosauqua Municipal Airport (6K9)

Fly Van Buren - Fly-in
Breakfast 7 a.m. - 10 a.m.
Pilots in command eat free
Phone: 319-293-7111 (Villages of Van Buren)
Email: info@villagesofvanburen.com
Website: villagesofvanburen.com

Saturday, June 25 -
Sunday, June 26

Quad City Air Show (30th Anniversary)

Davenport Municipal Airport
Phone: 563-285-7469
Email: info@quadcityairshow.com
Website: www.quadcityairshow.com

July 2016

Sunday, July 24

Cresco Municipal- Ellen Church Field (CJJ)

Fly-in breakfast
7:30 a.m. - noon
All pilots and passengers eat free
Phone: 563-547-3434 (Kelli Gosch)
Email: kelli.gosch@cedausa.com
Website: www.crescochamber.com

Monday, July 25 -
Sunday, July 31

EAA AirVenture

Oshkosh, WI
Phone: 920-426-4800
Email: communications@eaa.org
Website: www.airventure.org

Wednesday, July 27 -
Friday, July 29

Clinton Municipal Airport (KCWI)

Cessna 150-152 Fly-in
Phone: 301-275-2476 (Mark Buchner)
Website: www.cessna150152flyin.org

Friday, July 29 -
Saturday, August 6

National Balloon Classic

Indianola National Balloon Classic Field
Phone: 515-961-8415
Email: info@nationalballoonclassic.com
Website: www.nationalballoonclassic.com

August 2016

Sunday, August 7

Monticello Municipal Airport (KMZO)

Fly-in breakfast
7 a.m. - 12:30 p.m.
Pilots in command eat free
Phone: 319-465-5488 (Teresa)

Sunday, August 28

Fremont, Nebraska Municipal Airport

Fly-in breakfast
7 a.m. - noon
Pilots eat free
Phone: 765-894-6845 (Brian Newton)
Email: newt@bright.net
Website: www.rotaryfremont.org

Monday, August 29 -
Wednesday, August 31

4 States Airport Conference

Kansas City Marriott Downtown
Kansas City, Missouri
Website: www.4statesairportconference.com

Taking off: Young aviator leads startup to heights in only four years

JIM OFFNER jim.offner@wfcourier.com
Updated Feb 22, 2016

from Cedar Valley Business website

At only 26, Jonathan Walter of Independence, Iowa, has earned his pilot's license and launched a successful aviation business. Walter Aviation offers a variety of services including charter flights, a flight school, aircraft maintenance and banner towing. "The first two or three years is getting our name out, but we're established now and we're starting to draw our customer base," said Walter.

Iowa Department of Transportation Office of Aviation Calendar Continued

September 2016

Sunday, September 11

Carroll Municipal Airport (KCIN)

Airshow and flight breakfast
Breakfast: 6:30 a.m. - noon
Airshow time: TBD
Phone: 712-792-4980 (Don Mensen)
Email: don@carrollaviation.com

Saturday, September 24

FLY IOWA 2016

Clinton Municipal Airport (CIW)
(Rain date: September 25)
Phone: 515-964-1398 (Chuck McDonald)
Website: www.flyiowa.org
www.cityofclintoniowa.us/departments/Airport

Sonex Introduces B Models

New Sonex and Waix B feature more room, additional engine choices and extra standard features.

By Stephen Pope Posted February 19, 2016

from Flying website

Sonex Aircraft has introduced two new airplane kits, the Sonex and Waix B-Models. The Oshkosh, Wisconsin, plane builder says the new B models offer more room inside, more panel space, more fuel capacity, additional engine choices, and more standard features "combined with reduced build time and the same great Sonex and Waix flight characteristics."

Sonex and Waix B-Models have been enlarged by straightening of the forward fuselage sides, and feature improved creature comforts: There is now more width at the shoulders, hips, knees and feet; the seatback has been moved aft, and new seat geometry accommodates taller pilots; and electric flaps are now standard.

Sonex is expanding engine options by adding engine mount options for UL Power 350i, 350is, and Rotax 912-series engines. A new universal cowl is designed to fit any available engine option.



Sonex Aircraft has introduced two new airplane kits.

Sonex says the B-Model kits will ship with more standard features, and will require less build time. Assembled Wing Spars and Machined Angle Components are now standard. Upgrades and accessories such as the AeroBrake Hydraulic Brakes, dual AeroConversions Throttle Quadrants, and AeroConversions Trim System are now included. Build time improvements include more laser-cut, formed and machined parts,

machined canopy bows for easier installation with a better fit, an easy-fitting horizontal-split cowl, and engine mounts that bolt quickly and accurately to the airframe.

The B-Model kits will be offered at an introductory price of \$23,000 and refundable Kit Reservation Deposits are now available at \$1,000 per reservation. B-Model kit deliveries are estimated to start in June.

Membership Dues

Name _____

EAA No. _____

Address _____

Phone _____

e-mail _____

Dues are \$20.00 per year
Dues are due July 1 and run through June 30.
(After January 1st you may pay \$30.00 for 1½ years)
LIFETIME MEMBERSHIP DUES ARE \$200.00
You must be a member of the National EAA.

You may mail your dues to our treasurer:

Dave Kalwishky
4224 Grandview Ave.
Des Moines, IA 50317



HOW IS YOUR DAY GOING?



EAA Chapter 135

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