



The Sky's the Limit

News letter for EAA Chapter 651 Volume 22 Issue 1

Meeting Notice:

Meeting

Jan 11 th
7:00pm at
Nicolet

Feb 8th
7:00pm at
Nicolet

From the Prez

As we move into 2010, I would like to start the new year with a board meeting prior to our January 11 meeting at 6:30 P.M. I will send the agenda to the board members. This past year has brought several new members to Chapter 651. We would like to let them know and remind the rest of our Chapter members that there is a selection of books and videos in the club house. Feel free to take any of these items home for your viewing and reading. For the builder we also have a good variety of tools also available. We also have a 16" lathe set up and always ready for your use. Our Christmas party and Auction was well attended-thanks to all who helped out and participated in this years event. In 2010 we plan to move the party to a West side location. Nancy and I would like to wish all of you a happy and prosperous new year!!

Your Prez; Clete

EAA651

Officers

President:

Clete Cisler

Vice President:

Al Timmerman

Secretary:

Alan Georgia

Treasurer:

Karen Kalishek

Sergeant of

Arms:

Bob Kirshling

Program Director:

Noel Clark

Young Eagles:

Al Timmerman

Scholarships:

Clete Cisler

Refreshments:

Bob Kirshling

Advertising

Director:

Paul Stutleer

Web Editor:

Alan Georgia

Newsletter

Editor:

Jim Fritsche

EAA Chapter 651 Meeting Minutes

Meeting Date: 11 /09/ 09

Clete Cisler called the meeting to order at 7:03 pm with 23 aviation enthusiasts in attendance at Nicolet Airport.

Meeting Minutes:

The October Chapter Meeting Minutes were accepted as published in the newsletter

Finance Report:

The Treasurer's report presented by Clete Cisler showing a checkbook balance of \$2,252.38
The Treasures report was accepted as presented.

Correspondence:

EAA AirVenture Museum

Space Week November 30 to December 4 designed to introduce students in grades 3 – 8 to the science and wonder of space exploration. call 920-426-6880 or email museum@eaa.org

Annual Christmas in the Air FREE Holiday Celebration and Open House Tuesday December 8, 2009
2:30 p.m. -8:00 p.m.

Wright Brother's Memorial Dinner Friday 12/18. For more information call 920-426-6880

Committee Reports:

20 Young Eagles were flown on 10/30/09 at Titledown Aviation

Old Business:

Christmas Party December 6 at 5:00pm. The Chapter voted on Broasted Chicken and Tenderloin
Tips.

\$15.00 includes the tip. Contact Noel Clark at 621-1802 if you are attending.

New Business:

Election of Officers. Officers voted in for another term below.

Treasurer Karen Kalishek

Program Director Noel Clark

President Clete Cisler

Sergeant of Arms Bob Kirshling

The meeting adjourned @ 7:11 and turned over to Tyler Bracken, who gave a power point presentation

on the Air Academy.

Jim Schlumpf talked about his flying experiences in the Military and after.

Meeting Minutes recorded by Alan Georgia

EAA Chapter 651 Newsletter
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Airwaves

MERRY CHRISTMAS AND HAPPY NEW YEAR EVERYONE!

Mother Nature is at it again! As I hear the rain falling for the past few days and enjoy the mild temps I'm thinkin' it's Spring! NOT!!

I heard the Christmas Party was a lot of fun with earnings of better than \$900. on the auction. Must have been some really nice and interesting items up for bid. THANKS to everyone for donating and especially BUCK our auctioneer, DELLA & NANCY for checking everyone in and "name-tagging" them, SID & WOODY for keeping all of our "bidders" in order. CLETE, we know you are "priceless" with all you do for our Chapter. THANK YOU! I surely missed you ALL!

For our January 11th meeting at Nicolet, Aaron Sauer, Senior Air Safety Investigator for the Central Region will be our guest speaker. He have some interesting accident scenarios and insights he will share and discuss. Feb 8th meeting will be at Nicolet and the March 8th meeting we'll have a chili supper at Jim's Hangar 4. Mark your calendars!

I want to THANK everyone who helped make our meetings special by sharing their expertise and stories with us this past year: Jim Schlumpf, Al Timmerman, Pepe Anderas, Buck Greenlaw, Aaron Sauer, Mike Demuth, Dick Martin, Steve McNicoll & John Heide. If I missed anyone please let me know. This Chapter wouldn't and couldn't continue on without all your efforts and support. KUDOS to Jim Fritsche, Karen Kalishek, Alan Georgia, Bob Kirschling & Al Timmerman. You're like the "ever-ready bunny" family. We can all just count on you! THANK YOU!

See you all in 2010 and God bless us, everyone.

CAVU.....Noel

I got this from the EAA figured you might be interested. Jim

December 23, 2009 — The SubSonex, a jet-powered homebuilt aircraft being developed by Sonex Aircraft, LLC, completed its first engine run last week at the company's Oshkosh, Wisconsin, headquarters causing warm smiles and melted snow. Sonex Founder John Monnett said the aircraft features a new Czech-built engine that has shortened the development time frame of the aircraft, which led to the wintertime test.

"We just wanted to see what the flame front out the back end and make sure we weren't having any problems of melting the tail off the airplane," said Monnett, whose main focus as of late has been the jet project. "We did run it up to 100 percent after a few starts, we were cautious, and we melted a lot of snow."

The PBS engine (První Brněnská Strojírna Velká Bíteš, a.s. TJ-100) was delivered a week ago. It's bigger and more powerful than the original Heward engine that was seen when the aircraft was unveiled at EAA AirVenture 2009. The Heward was designed for radio-controlled applications and currently lacks the engine controls systems that the PBS has since it's a "legitimate production engine," according to Monnett. PBS is certifying the engine to Czech civil aviation standards.

The TJ-100 is used in such applications such as Auxiliary Power Units, (APU) and on drone aircraft. On a SubSonex, it will produce as much as 240 pounds of thrust and is the same engine used by the Super Salto powered sailplane that has performed at AirVenture in the past. To use the new engine Monnett said they had to reconfigure the entire aircraft, including new engine mounts, engine controls, and boost the electrical system to 24 volts.

The successful engine run may lead to a test flight soon once minor tweaks and FAA certification is completed. Monnett says the SubSonex is basically ready to fly and the first flight will likely come as soon as Wisconsin winter weather and runway conditions are optimal.

Starting a turbine engine

For the un-initiated, starting a jet engine takes several steps. Depending on the engine, those steps are done automatically or with some input from the pilot. On larger, multi-stage turbine engines the starter turns the core of the engine first and the igniters fire immediately. After the core has reached a certain RPM, fuel is introduced and the engine "lights off" and accelerates, becoming self sustaining much like a propane torch. Since the TJ-100 is a one-stage turbine, its start sequence is slightly different, saving the fuel and ignition for last once the Electronic Control Unit (ECU) has determined that engine systems are functioning normally. Monnett says that the engine may be small, but it still has the unmistakable sound of a jet.

EAA Skiplane Fly-In, scheduled this year on Saturday, January 23.

This traditional winter event actually brings EAAers together for three reasons: the fly-in, the celebration of EAA's founding; and Audrey Poberezny's birthday.

From AI,

As a reminder, if anyone still has a paper airman's license, as of March 31, 2010 it will no longer be valid. 61.19(g) You can not fly after that date unless you have one of the new plastic license. The cheapest way is to have your social security number taken off and replaced with a generic number. It's only \$2.00. Don't wait till the last min. as the FAA is backlogged.

Congratulations

1ST SOLO

12/13/09 Bill Bone

12/16 Paul Schneider

INSTRUMENT RATING

12/12 Paul Jahnke

HIGH PERFORMANCE ENDORSEMENT

12/19 Jason Marcks

KNOWLEDGE TESTS

12/17 Casey Chevalier Private

12/17 Tim Schuh Instrument

Greg Schuette ATP

Congratulations

CERTIFICATED FLIGHT INSTRUCTOR

11/4/2009 Jason Marcks

FLIGHT REVIEW

11/30 George Fabian

KNOWLEDGE TEST

11/29 David Hoffman ATP

Saturday, January 30, 2010

11:00am - 3:00pm

Wautoma Municipal Airport, Wautoma, WI, USA

Annual Chili Fly In. Chili and more to settle the stomach and fun and games all around! Medical Helicopter, Jaws of life demonstration by the Wautoma Area Fire District, bon fire and so much more! Skiplanes welcome!