



# Dodge County Flier



VOLUME 18 NO. 2

DODGE COUNTY AIRPORT, JUNEAU, WI

February 2011

## MEETINGS

2nd SATURDAY of the MONTH  
DODGE COUNTY AIRPORT

Next Meeting

**Saturday, February 12, 2011**  
**9:00 a.m.**

We will meet at Wisconsin Aviation FBO  
Board Meetings:  
Same day and place as the chapter meeting.

**8:30 a.m. sharp**  
**Everyone welcome**

## CHAPTER OFFICERS

President: Dennis Winkel (920) 296-0645  
Vice President: Roger Vavra (262)-247-2500  
Secretary: Carol Winkel (920) 485-4676  
Treasurer: Glenn Ingram (920) 887-2507

## BOARD OF DIRECTORS

Glenn Ingram  
Ron Romans Dale Wahl

## DIRECTOR AT LARGE

Brian Lerwick

## TECHNICAL COUNSELOR

Ben Ludtke (920) 885-2480

## YOUNG EAGLES COORDINATORS

Linda Ludtke  
Glenn Ingram  
Dick Siedschlag

## SAFETY OFFICERS

Chuck Dwyer  
Dale Wahl

## FLY-OUT DIRECTOR

Dale Wahl

## NEWSLETTER EDITOR

Ron Romans  
[ronromans@wi.rr.com](mailto:ronromans@wi.rr.com)

## WEBSITE EDITOR

Brian Lerwick  
Website: [www.eaa897.org](http://www.eaa897.org)

## PRESIDENT'S CORNER

I'm in the middle of an overhaul of my Lycoming O-320 for my RV-3. My goal is to be finished in early spring. My engine at 2600 hours plus was starting to show its age. There was more metal in the filter screen than I would like to see, more oil on the belly of the plane, uneven compression and it just didn't climb like it did a couple of years ago.

After my first real long cross country flight to Florida last spring, I'm in the mood to do some more cross country flying. For peace of mind and safety I wanted a fresh engine pulling me along. So just before Christmas, I started to take things apart and evaluate what needed to be done.

I've been taking a bunch of pictures of the engine teardown. See two of them on page 5. As my engine parts get back from inspection and machining, I'll take more pictures of the reassembly. I plan to have them posted on our website and newsletter. Eric and Chuck of Beaver Aviation have been a great help to me with lending me an engine assembly stand, helping with packaging and shipping engine parts and letting me clean parts in their heated solution parts washer. How much is this overhaul going to cost? Stay tuned I'll let go know the damages (details) in a month or so.

*Dennis Winkel*

## ***UPCOMING EVENTS***

### **Saturday, February 12 EAA Chapter 992 Chili Feed and Ski Plane Fly In**

**Marshfield Municipal Airport, Marshfield, WI,**

**10:00 a.m.- 1:00 p.m.**

Get your skis on and come enjoy good company, great hospitality, and warm up with some tasty chili at EAA Chapter 992's Chili Feed and Ski Plane Fly In!

<http://www.eaa992.org/>

Contact: Christopher Owens

Phone: 715-207-0744,

### **Saturday, February 19 Ski Fly In-Lake Poygan Lake Poygan-Northwest side (Tustin)**

**10:00 a.m. - 2 p.m.**

Trick Air Snow Skis, Femont/Tustin WI, WI, USA  
Hot sandwiches, and beverages. Parking and landing on the lake at your own risk.

<http://www.trickair.com>

Contact: Rick Discher, Phone: 715.281.5880,

### **Saturday, February 26 EAA Chapter 444 Fourth Winter Fly-In. CTF 122.9 Fly or Drive; Wheel or Ski. Poppy Field, Northport, WI,**

**11 a.m. - 2 p.m.**

All the chili you can eat for \$5

Free food for pilots flying in

Weather date: Sunday, Feb. 27

Airport located 4 mi. west of New London, WI

Contact: Wayne Poppy, Phone: 920-982-2897

### **Saturday, March 19 Wisconsin Light Aviation Safety Seminar**

**EAA Air Museum Founders Wing, Oshkosh, WI.**

**9:00 a.m. - 4:00 p.m.**

Registration 8 a.m.

Seminar at 9 a.m.

Homebuilts, Seminar, Sport Pilot-LSA, Ultralights  
Vintage Aircraft. 18th Annual Wisconsin Light Aviation Safety Seminar

Topics: Pilot safety, engine and aircraft maintenance and weather. This seminar counts towards the FAA Wings program. Coffee, donuts and lunch will be available.

<http://av8safe.org>

Contact: Carl Greene

Phone: 715-927-8585



## ***YOUNG EAGLES***

Contact:

Glenn Ingram (920) 887-2507

Linda Ludtke (920) 885 2480

Dodge Co. Airport (920) 386-2402

No Young Eagles were reported flown.

## ***EAA CHAPTER 897 BOARD OF DIRECTORS JANUARY 8, 2011***

Dennis Winkel called the meeting to order at 0830 in the terminal lobby. Discussion centered on the Air Academy Scholarship, WI Light Aviation Safety Seminar, progress on meeting room construction, honorary membership extended to Dick Siedschlag. Meeting adjourned at 0900.

Respectfully submitted by  
Carol Winkel, Secretary

## ***INTERESTING WEBSITES***

Emergency landing U-2

[www.hmhf.info/SG\\_09E.html](http://www.hmhf.info/SG_09E.html)

Rachel Maddow on the Packers

You got to see this.

<http://www.youtube.com/watch?v=-bVRiTMm7z0>

Naval Aviation Part One

[http://www.youtube.com/watch\\_popup?v=4gGMI8d3vLs](http://www.youtube.com/watch_popup?v=4gGMI8d3vLs)

Part Two

[http://www.youtube.com/watch\\_popup?v=S0yj70QbBzg](http://www.youtube.com/watch_popup?v=S0yj70QbBzg)

## EAA Chapter 897

### Minutes

January 8, 2011

Dennis Winkel, President, called the meeting to order in the airport terminal at 0910 with 13 members present.

**Minutes:** Jeff Schmidt made a motion to accept the December minutes as printed. Tim Hoversten seconded the motion. Motion passed. .

**Treasurer's Report:** presented by Glenn Ingram. Full taxes to the Town of Oak Grove have been paid. Roger Vavra made a motion to accept the report. Chuck Dwyer seconded the motion. Motion passed. Reminder that dues are due- \$25.00 annual fee – payable to Glenn Ingram. If mailing check, please send it to his home not the airport.

**2010 Chapter Awards:** presented by President Dennis Winkel.

**Installation of Officers:** Roger Vavra becomes our vice- president. He introduced himself and talked of his interest in aviation that started with model airplanes and grew into real airplanes following a gift which introduced him to EAA from his daughter. Prior to his current 601 plane, he built a Challenger.

To comply with current bylaws, Tim Hoversten and Chuck Dwyer withdrew from the Board of Directors. Brian Lerwick, Dale Wahl, and Ron Romans remain as directors. Reminder that the Board of Directors meeting is an open meeting and all are invited to attend. It will be held at 0830 prior to the 0900 general meeting.

**Young Eagles:** none flown

**Air Academy:** Brian Lerwick volunteered to co-ordinate program this year. No report

**Chapter Hangar:** Progress report was given by Roger Vavra. Roger offered to be a chairman of an open house of the hangar/ meeting room with intention to invite others including various EAA Chapters. It was agreed to set the date after the meeting room is complete and to give a minimum of one months notice.

**Fly-out Reports and Events:** Light Aviation Safety Seminar will be held in Oshkosh during March. Motion by Tim Hoversten to move up Chapter meeting by one week if the date conflicts with the safety meeting. Second by Bob Hartwig. Motion passed.

Glenn Ingram presented a thought he had of using “spot landing contests” into a league format between Chapters. The primary goal would be to promote education and opportunity to practice landings. Motion by Roger Vavra and second by Tim Hoversten to provide Chapter support and resources for him to develop the idea. Motion passed.

Tim Hoversten agreed to develop a “Poker Run” for 2011. There was a strong censuses of support for him to proceed. Reminder: Bob Hartwig is developing a Guest – Family event possibly to be held in August

**Annual Meeting:** Linda Ludtke has reserved November 12, 2011 at the Iron Ridge Inn. Mr. Rod Hightower is not available to be our speaker.

**Educational Presentation:** Brian Lerwick provided a presentation on Wings program following the meeting.

**Pedal Planes:** Delayed until after the multipurpose room is finished.

**Summer Meetings:** June, July, and August 2011 meeting to start at 0800 to facilitate fly-outs.

**Chapter Apparel:** no report by Brian Lerwick.

**Builders Reports:** Verbal reports given by Chuck Dwyer, Bob Hartwig and Tim Hoversten. Tim talked about following progress on a Bearhawk being built by Brady Lane and Caleb Ihring in Oshkosh on DreamBuild-Fly.com It has a live feed on Tuesday evenings.

**Adjourn:** Motion made by Bob Hartwig. Second by Chuck Dwyer. Motion passed at 0950

Respectfully submitted Carol Winkel, Secretary

## ***CHAPTER MULTIPURPOSE ROOM TAKING SHAPE***

Cold weather has slowed the construction, but the multipurpose room will be ready for spring

Drywall is up and all the plugs are wired. Lights work and the room is closed up. Notice the base-board heat behind the saw horses. No, that is not an opening for a fire-



place, it is the unfinished opening for the large project door.

Thanks to Roger Vavra and his crew of chapter members, the chapter multipurpose room will soon be complete.

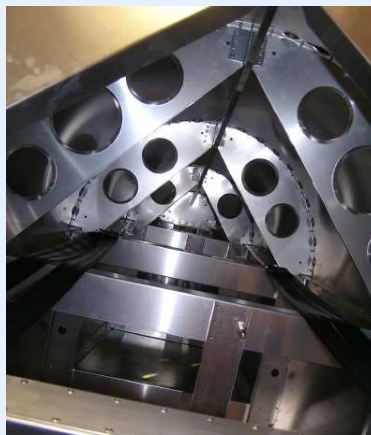
## ***BEN LUDTKE FORGING AHEAD ON HIS SONNEX***



Tail cone is well on the way to completion. Laying flat on the table, is the front left fuselage side. This will run from the front of the tailcone to the firewall.



Shoulder harness can be seen here Workmanship is great, as is all of Ben's work.



The workmanship shows on the inside of the tailcone

## *MY ENGINE OVERHAUL PROJECT (1)*

Last year after coming home from Florida, I noticed my engine did not have the zip it had a few years earlier. Other tell tale signs included: low compression in one cylinder, spark plugs with oil fouling, more oil than usual on the plane's belly and more metal in the oil screen than usual.

Last fall I decided to buy a set of cylinder assemblies and pull the original cylinders off and do a top overhaul. After pulling the old cylinders and looking at the condition of the camshaft and tappets it was evident that a complete overhaul was needed. As long as the cylinders were pulled, it was very easy to remove the rest of the engine from the airframe. The engine bolts were much easier to reach without the cylinders in the way.

In preparation for the overhaul, I researched information on Lycoming 320, available upgrades, watched videos and other builder sites. I had Beaver Aviation do a quick visual evaluation. It was quick because the conclusion that it needed a complete overhaul was obvious and I was ready to begin the process.

Here are a couple pictures of the engine with cylinders removed mounted on an engine stand (left view) (right view) starboard side of case after splitting case. I'll post the photos on the EAA Chapter 897 Website.



Next month I should be able to show you some cleaned up parts and maybe some completed assemblies like the rods mounted on the crankshaft.

Dennis Winkel

## ***SONEX FLIES FOLDING WING ONEX***

**Sonex** has flown the prototype of the **Onex**, a single-place aerobatic kit LSA that also has folding wings. Sonex CEO Jeremy Monnett, who is also the aircraft designer, did several laps around Wittman Regional Airport on Jan. 27 in what he described to onlookers as a "little fighter." The leisurely test flight, which included a low and over, confirmed the aircraft's light handling and agreeable flight characteristics. On landing, Monnett pronounced the aircraft "sweet" and said turns required no rudder input. He and his colleagues then folded the wings and tucked the aircraft back in the Sonex hangar. With the



wings folded, the plane will fit in the average residential garage (it needs a space seven feet high and about eight feet across). It's designed to meet all the parameters for the light sport category. The aircraft uses an AeroVee Volkswagen conversion engine.

The first prototype has conventional gear but a tricycle version will be tested next. Sonex and EAA hosted a webinar on the aircraft Feb. 2 at 7 p.m. CST. That Webinar can be seen on the EAA website under Webinar archives.

## ***FCC SUSPENDS PROHIBITION OF 121.5 MHZ ELTS***

The FCC has stayed their rule (PDF) on the prohibition of 121.5 MHz ELTs (signals no longer processed by satellites) and is "planning a new Notice requesting public comment on the future of legacy 121.5 ELTs." The action is a response to concerns expressed by the FAA, one of which is supply. The FAA warned the FCC that the current supply of 406 MHz ELTs is insufficient to replace all 121.5 MHz ELTs in the near term. Because of that, reasoned the FAA, prohibiting the use of 121.5 MHz ELTs would effectively ground most general aviation aircraft. The FAA also expressed concern regarding the potential continued value provided by 121.5 MHz ELTs in locating aircraft "even without satellite monitoring of frequency 121.5 MHz." Search and rescue operators still monitor

the frequency. The FAA also expressed concern about the associated cost to operators of forcing a transition.

While future action is expected, "no action will be taken regarding 121.5 MHz ELTs until further notice, following an additional opportunity for interested parties to comment." The new notice is expected "sometime in early 2011," according to the Aircraft Electronics Association (AEA). In 2000, Cospas-Sarsat announced it planned to terminate by 2009 satellite processing of 121.5 MHz beacons and has made good on that change. The AEA and user groups had challenged the FCC's planned prohibition regarding continued use of existing 121.5 ELTs. Only 406 MHz frequency beacons are currently monitored by satellite.

## ***U-FUEL OF EAU CLAIRE, WIS., A PIONEER IN SELF-SERVICE FUEL STATIONS, HAS ESTABLISHED THE AVIATION FUEL CLUB.***

With roots in founder Mike Webb's FBO of the 1980s, Oshkosh Aero, the Aviation Fuel Club (AFC), a non-profit organization registered in Wisconsin, seeks to reduce the cost of flying by providing safe, environmentally-friendly fuel and facilities for Sport Aviation. The club will be unveiled later this week at the 2011 U.S. Sport Aviation EXPO in Sebring, Florida, the largest trade show in the U.S. dedicated to the growing Light Sport Aircraft community.

Pilots, FBOs, flying clubs and schools and other aviation-related organizations are invited to join the Aviation Fuel Club, which will provide affordable, self-service fuel stations and assure the highest-quality, lowest-cost aviation fuels to its members. Since AFC's focus is on Sport Aviation, the club will focus much attention on supplying ethanol free, 91+ octane Mogas to its members.

U-Fuel is also unveiling a new line of compact, low-cost Aviation Fuel Club Stations available immediately. These portable, 24/7 self-service systems feature cell-based card readers, online monitoring, U-Fuel's patented safety features and come in smaller capacities to better serve the needs of general aviation. Available in 1,500, 2,000, 4,000 or 10,000 gallon sizes and

starting at under \$50,000, the Aviation Fuel Club Stations provide AFC members, airports, FBOs, flight schools, flying clubs and manufacturers with alternatives to larger tanks or truck fueling, according to officials.

Mike Webb, founder and CEO of U-Fuel, says "Our new Aviation Fuel Club is an organization by sport aviators, for sport aviators. Our intent is to lower the cost of flying by providing the most affordable fuel solutions possible. Our new AFC Fuel Stations enable smaller organizations to now enjoy the same market-leading features found in our other products. They yield greater profits in a shorter amount of time, make flying more affordable, convenient and safer. We're very pleased with this latest chapter in our company's history of providing the best fuel-related products and services to the aviation industry."

U-Fuel provides complete support for all its fueling systems, including initial site planning, permitting, delivery and installation, training and ongoing monitoring and maintenance, he added.

For more information: [UFUEL.com](http://UFUEL.com) and [AVIATIONFUELCLUB.com](http://AVIATIONFUELCLUB.com)

*Posted by Janice Wood · January 20, 2011*

### ***HEARD WHILE ON APPROACH TO JOHN WAYNE AIRPORT IN SOUTHERN CALIFORNIA:***

**Tower:** (addressing a Boeing 737 holding short of the runway)  
"Airline One Twenty-Three, are you ready to go?"

**Airliner:**  
"Well, the captain is asleep — but he should wake up soon."

## ***F16 VS. C-130***

***There is a moral here.***

**A C-130 was lumbering along when a cocky F-16 flashed by.  
The jet jockey decided to show off.**



**The fighter jock told the C-130 pilot, “watch this!” and promptly went into a barrel roll followed by a steep climb. He then finished with a sonic boom as he broke the sound barrier. The F-16 pilot asked the C-130 pilot what he thought of that?**



**The C-130 pilot said, “That was impressive, but watch this!” The C-130 droned along for about 5 minutes and then the C-130 Pilot came back on and said, “What did you think of that?” Puzzled, the F-16 pilot asked, “What the heck did you do?” The C-130 pilot chuckled.**

**“I stood up, stretched my legs, walked to the back, took a leak,  
then got a cup of coffee and a cinnamon roll.”**

**The moral of the story is . . .**

**When you are young and foolish -Speed and flash may seem a good thing!**

**When you get older and smarter - Comfort and dull is not such a bad thing!**

**Us older folks understand this one.**

**Have a Nice Day**

***Thanks to Harold Benisch***

## Wisconsin Light Aviation Advisory Council



# 18<sup>th</sup> Annual Wisconsin Light Aviation Safety Seminar 2011

MC, John Dorcey

### Morning Sessions:

Wanda Zuege  
IGI, CFI II, ATP  
"Airports, airspace  
and airmanship."

Mike Kaufman  
Aviation  
Consultant  
"Any traffic, please  
advise."

Luncheon Break  
(available on site)

### Afternoon Sessions:

Jim Szajkovic  
Independent  
Aviation &  
Aerospace  
Professional  
"Accident chain of  
events and the rest  
of the story."

Brian Meyerhofer  
L.E.A.F.  
"Rotax 2 & 4 stroke  
maintenance."

\*\*Door Prize Drawings\*\*  
during all breaks  
\*\*BIG TICKET RAFFLE\*\*  
at the close of Seminar

SATURDAY, MARCH 19<sup>TH</sup> 2011

EAA AIRVENTURE MUSEUM  
"Founders Wing"  
Oshkosh, WI

REGISTRATION - 8:00 AM  
SEMINAR - 9:00 AM to 4:00 PM

### "Big Ticket" Raffle Items

- AMSOIL - Two stroke oil.
- SYLVANIA SOARING ADVENTURES INC - 3000 ft. Sailplane Ride
- AM I HIGH AVIATION - 1 weekend ground school
- GRAND RAPIDS TECHNOLOGIES - 50% Off EIS Unit
- KUNTZLMAN STROBES - Strobe Light
- SUE BROWN Ltd - Custom Engine Cover
- COMTRONICS - Aviation Headset
- SPORT LINK COMMUNICATION - Aviation Headset
- SPECIALTY WELDING - Aviation Snow Skis
- EAA - AirVenture 2011 Tickets
- WARP DRIVE PROPELLERS - 1 Composite Prop
- ICOM - Handheld Aviation Radio
- HAWK AIRSPORTS WINDSOK - 12" Windsok

For more information, please contact:

### Seminar Board Members:

Steve Krueger	(715) 536-8828
Lee Taylor	(262) 437-1642
Dan Marlenga	(715) 573-6220
Jack LaSee	(715) 223-4131
Carl Greene	(715) 927-8585
Steve Magdic	(262) 370-3182

### Contact Numbers:

### Seminar Lodging

AmericInn Motel - 920-232-0300  
Mention "Safety Seminar" for group  
Discount Rate of \$59.90  
(Prior to March 11, 2011 to qualify)

Super8 Motel - 920-426-2885  
Mention "Safety Seminar" for Special  
rate of \$49-\$59  
(Prior to March 11, 2011 to qualify)

Fairfield Inn (.73 Miles away)  
920-233-8504  
Hilton Garden Inn (.8 Miles away)  
920-966-1300

Guest Speakers \* Door Prizes \* Big Ticket Raffle Items \* Qualifies as a FAA "WINGS" event.

# EAA presents Hops & Props

Saturday, March 5, 2011

6:30-10 p.m.

EAA AirVenture Museum, Oshkosh



The EAA AirVenture Museum in Oshkosh cordially invites you to Hops & Props, a fine food and beverage tasting event featuring more than 250 extraordinary microbrews from around the world. Hops & Props will offer an opportunity to meet master brewers and understand the distinguishing characteristics of their different craft beers while you discover the world-class EAA AirVenture Museum. Food provided by Fratellos Waterfront Restaurant. Visit the [Hops & Props website](#) for more in-

formation. VIP Pre-Event Dining Experience A VIP dining experience is offered prior to the general event at 5 p.m. This special VIP opportunity brings together beer lovers with Becket's Chef Mike Buckarma and New Belgium Brewing's Jamie Mastian. Learn about and appreciate the process of brewing premier specialty beer while dining on specially matched foods. VIP tickets (\$100) include admission into the main event. Hops & Props Bands EAA's Hops & Props [http://www.eaa.org/newsletters/1101\\_hops.html](http://www.eaa.org/newsletters/1101_hops.html) 1

**60 Hops & Props\***  
(\$55 EAA members)

**\$100 Hops & Props  
VIP Beer Dinner\***

**\*All tickets include Around the World  
Import Room Experience.**

**Tickets are limited.**

**The fastest way to get them?**

**Order your tickets [online now](#) or  
call 800-236-1025.**

**Must be 21 or older to attend.**

**Proceeds support EAA AirVenture  
Museum programs offered free to the  
Oshkosh community, such as Christmas  
in the Air and Wings on Strings.**