



The *Maple Lake Flyer*

A newsletter of EAA Chapter 878, Experimental Aircraft Association

EAA Chapter 878: a part of the aviation community in Maple Lake, Buffalo and surrounding areas of Minnesota since 1986.

October, 2015

- **EAA CHAPTER 878 MEETING NOTICE**

Tuesday, October 13 at 7:30 p.m.

At the home workshop of Wayne Flury, with a view of his Sonex progress.

NOTE: this will be in my shed workshop, so dress appropriately for the weather!

Come early for apple cider and cookies!

Directions to Wayne Flury's home: for your GPS, tablet or smartphone: 7803 20th St. SE, Buffalo, MN 55313. Or, call 763-670-6021. Or, for any non-digital folks in our group:

From Buffalo: Hwy 55 east, past the airport, left on County Rd. 33. Stay on CR 33 for approximately 6.1 miles to 20th St. SE; turn left (east), go approximately 0.3 miles, destination on right.

From Rockford: from intersection of Hwy 55 and Main St./County Rd 20 (BankWest is on this corner), go north 4 blocks, left at 4-way stop onto County Rd. 33. Stay on CR 33 for approximately 2.3 miles to 20th St. SE. Turn right (east), go approximately 0.3 miles, destination on right.

From Hanover: go southwest on County Rd. 20 (follows the Crow River) approximately 3.4 miles. Turn right (west) on 20th St. SE, go approximately 0.9 miles, destination on left.

- **FLIGHT TO SUCCESS**
by Greg Thomes, Chapter President

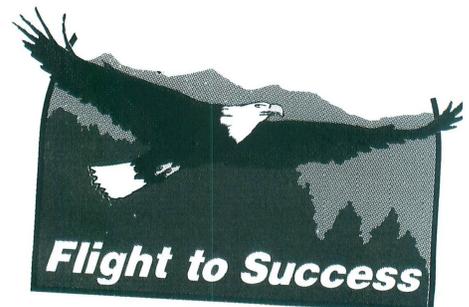
I'm penning this from the hunting lodge in Central North Dakota, thinking about the many small airports we flew over during the 2 1/2 flight. Maybe we sometimes (I know that I do) take for granted how fortunate we are with general aviation.

My international travels have taken me to South America, Europe, Asia and the Eastern Baltics. Airports just don't exist there as we know them.

Enjoy these remaining beautiful months this year and take to the skies from your favorite G.A. Field.

May your skies be bright and breezes light!

Greg



- **MINUTES OF MEETING – September 8, 2015**
by Wayne Flury, Chapter Secretary

September meeting of EAA Chapter 878 in the hangar of Tim and Carla Bond at the Maple Lake Airport, with 19 members and guests present. Visitors were Larry Rosine of Maple Lake and Jeff Mullin. Jeff is a current member of EAA 237 and building an STOL aircraft. He is renting aircraft from Maple Lake.

Preliminary to meeting, watched portions of the latest EAA chapter video.

REPORTS:

Motion to approve Secretary's Report of August meeting as published in the newsletter without reading, approved unanimously.

Treasurer's Report by Dick Burns for August. Motion to approve approved unanimously. See new financial report at the end of these minutes.

COMMITTEES:

Young Eagles: Chapter Young Eagles Coordinator Glen Morrow noted that the event scheduled for 8/29 was a "scrub" due to low ceilings. It has been rescheduled for 9/12 at Maple Lake.

Chapter Website Update: Website Coordinator Wyatt Erickson not in attendance.

Chapter PIC Hours: Chapter President Greg Thomes passed around the "PIC" log, an on-going track of flight hours by chapter members. Number through last month is 334 hours.

OLD BUSINESS:

Bill Mavencamp, Sr. Memorial and MN Aviation Hall of Fame Nomination: Per Glen Morrow, the process of renaming the Maple Lake Airport in honor of Bill Sr. has no update. The paperwork is at the state.

Chapter 878 will be submitting a Letter of Recommendation in support of the nomination of Bill Sr. to the Hall of Fame. Wayne Flury and Greg Thomes will meet to coordinate on the letter.

Chapter Build or Acquire a Structure (Hangar or Garage) at Maple Lake Airport: No update.

Maple Lake Fly-In: Chapter Treasurer Dick Burns is still getting bills from the fly-in. We made some money but don't have the final number.

Kurt Pennuto reported on the fly-in and discussed several issues. All leftover pork chops were sold. Some items such as buns were donated to charitable organizations. From the traffic count by Glenn Weibel, only 31 aircraft flew in to the event. Dick Burns noted that the food serving crew worked very well, and the wait in the serving line was short.

Majority of discussion centered on the competition of our fly-in in conjunction with the downtown Maple Lake Gear-Head Get Together. Noted that there is little to attract visitors from downtown to the airport (ridership numbers of the shuttle buses was not available). Attractions at the Gear-Head Get Together are adequate to keep them downtown, plus they are serving meals as well. Reported that they sold 850 pork chop dinners. Noted that the Maple Lake Messenger had 19 photos of the Gear-Head event, as compared to 4 of the fly-in. Generally agreed that our fly-in does not benefit from the Gear-Head Get Together date, and recommended to switch back to our traditional September date (first Sunday after Labor Day) which would be 9/11/2016.

Questions arose as to why we were not able to attract special aircraft or displays, such as balloons, National Guard, etc.

Kurt noted that our fly-in needs a "draw" to get pilots and local people out. He requested a committee to review the fly-in and make recommendations. The following volunteered: Kurt (Chairperson), Tim and Connie Erickson, Dick Burns, Greg Thomes, and Tim Simmon.

President Greg Thomes gave Kurt an "Atta-Boy" for his work as the fly-in chairperson!

Purple Passion (Cancer Survivor Flight): Greg Thomes updated the chapter about cancer survivor Jim Davis of Mt. Home, Arkansas who was doing a "Cancer Awareness Flight" across the lower 48 states to show that there IS life after cancer. Jim did arrive in Maple Lake and Greg assisted in getting him in making contact with the St. Cloud EAA Chapter 551 group where he made a presentation.

AOPA Regional Fly-In: Several members had attended this event and reported.

Chapter Christmas Party: Connie Erickson has confirmed with Huikko's in Buffalo for December 12. Wayne Flury and Greg Thomes are coordinating on a program speaker for the event.

NEW BUSINESS:

Tree of Hope: Chapter member Elaine Morrow noted that many other organizations are infringing upon the "Tree" name, creating a lot of confusion. She requested that all Facebook users should "Like" the Tree of Hope in order to better strengthen its name (see: www.facebook.com/TreeofHopeMN). The collection date this year is 12/5/15. See additional information about the Tree of Hope in this newsletter.

Pilot Error Movie: Greg Thomes passed around information about an aviation movie titled Pilot Error which is coming to the Elk River Cinema on September 14 and 16. (Note: information distributed via "AvBits" email to all chapter members).

Motion to adjourn, all approved!

- **LEGAL EAGLE AIRCRAFT PROJECT FOR SALE**
by Marv Sikkila

I have decided to sell my Legal Eagle ultralight project. The fuselage is mostly complete and wings are covered. I have the converted 2 cylinder VW engine and some instruments.

Typical aircraft shown in photo.

See: <http://www.betterhalfvw.com/>

For more info and price, call Marvin Sikkila at 763-682-2525.



- **WINTER TRIP TO OSHKOSH?**
by Wayne Flury

Is anyone interested in a winter weekend trip to Oshkosh? Perhaps to volunteer as part of a weekend "work party" at EAA, or maybe just for a day to tour the EAA museum in a more relaxed mode than possible during the hectic times of AirVenture.

Let me know. I have nothing particular in mind right now, but just want to get a sense of any interest.

- **CHAPTER 878 AVIATION EVENTS – 2015**

- Oct. 13 EAA Chapter 878 meeting. At the home workshop of Wayne Flury to see progress on Sonex wings.
- Nov. 10 EAA Chapter 878 meeting.
- Dec. 5 Tree of Hope toy collection, Maple Lake Airport
- 12 EAA Chapter 878 Christmas Party and Awards Banquet

Note: this generally will not detail the many pancake breakfasts and other fly-ins or local aviation events because they are already well documented on other sites which are dedicated to that purpose. If I did try to list them, I risk the possibility of missing one or slighting someone if I fail to list their event. I will make an exception for some events.

For aviation events throughout the area, see the various Calendars of Events in magazines, websites and bulletin boards, plus I recommend subscribing to the free email alerts through <http://www.flyins.com> and www.socialflight.com.

Upcoming EAA Chapter 878 Meeting Programs:

Here's some info about the programs for future chapter meetings. Be sure to mark your calendars and plan to attend. Spread the word about our chapter and activities!

Interesting programs are one way to build the chapter and create value to chapter membership. However, don't let the responsibility for finding programs fall to just a few individuals. We all meet interesting people in our daily routines or as we attend aviation events such as fly-ins, seminars or hangar visits. Extend an invitation to have those people share their interests with our chapter.

- November 10th program will feature Greg Emerick, EVP (Earned Value Professional), Business Development for Sentera, LLC, a company specializing in simple, elegant drone imagery solutions (<https://sentera.com/>). Greg is a former Wright Aero flight instructor. He will be speaking about advancements in the drone industry. He is also in a 'think tank' with the Department of Commerce, FAA and OSHA for how UAVs interact in today's society.
- December 12, Christmas party to be held at Huikko's Bowling and Entertainment Center in Buffalo. Evening begins with a social hour, then dinner (order off a limited menu, everyone pays individually) followed by a speaker. Guest speaker still to be finalized.
- **As traditional, our January, February, March and April meetings will switch to the morning of the second Saturday of each month. Already we can look forward to the end of winter!!**
- At either our January 9 or February 13 meeting we'll have a presentation by George Funk, whose father was one of two who started the Funk Airplane Company. See: https://en.wikipedia.org/wiki/Funk_B.
- Other possibilities for meeting programs:
 - ✓ I have contacted the Wings of Mercy organization about a presentation to our chapter and am waiting for a response
 - ✓ FFAST Safety Meeting (no contact yet initiated)
 - ✓ A "Frozen Flapjacks" social meeting (a winter pancake breakfast)
 - ✓ Golden Wings Air Museum (Anoka County Airport) tour (no contact yet initiated)

• ARE YOU MISSING OUT ON SOMETHING?

by Wayne Flury, Newsletter Editor

Have you heard others commenting about something they read in an "AvBits" email, but didn't know what they meant? If so, it's because you are not an EAA Chapter 878 member.

AvBits is an unscheduled email sent only to Chapter 878 members (dues paid). The topic may be anything from the current membership roster to an interesting video or an upcoming event. Though I send out the emails, many of the subjects or topics are submitted by other chapter members.

Don't continue to miss out! Become a Chapter 878 member now. It's easy – just attend a meeting and pay dues! It's so easy that the rest of us figured out how to do it, so I'm sure you can too!

• NOMINATION OF BILL MAVENCAMP, SR. TO MINNESOTA AVIATION HALL OF FAME

EAA Chapter 878 Members and Friends Encouraged to Write Letters of Recommendation to Selection Committee

by Wayne Flury

As previously reported, the chapter is supporting the effort to have Bill Mavencamp, Sr. inducted into the Minnesota Aviation Hall of Fame (MAHF). Joe Mavencamp is preparing and will submit the required nomination paperwork. Greg Thomes and I are collaborating on a "Letter of Recommendation" on behalf of the members of EAA Chapter 878 in support of the nomination, and the letter will be presented for chapter approval at our October meeting.

However, this is a letter from the chapter only. If you agree that Bill Sr. deserves to be remembered in this way, and you had some personal interaction or experience with Bill, I encourage you to write your own personal Letter of Recommendation to provide your unique support and perspective. Letters need not be formal or elaborate, but should be heart-felt! Let the Hall of Fame selection committee know why you feel Bill Sr. was a person who deserves this recognition.

The nomination paperwork must be received by the selection committee before November 30, 2015. However, they won't evaluate the nominations until June, 2016 and the awards banquet won't be until approximately April of 2017 (it's not only government bureaucracies that move slowly!!). If you wish, you can send your letter to me and I'll see that it is forwarded to Joe for inclusion in his submittal package.

Address letters to: Minnesota Aviation Hall of Fame, P .O. Box 53, Park Rapids, MN 56470. Or, you can mail the letter directly to that HOF address, but plainly mark it as support for Bill Sr.

Note: for new members or folks new to this area, Bill Sr. was a Flight Examiner for many, many years, based out of Wright Aero at the Maple Lake Airport. He was a long time resident of the Maple Lake area and was instrumental in developing and promoting the Maple Lake Airport. There is currently a petition at MnDOT Aeronautics for approval to change the name of the Maple Lake Airport in his honor.

- **SONEX PROGRESS**
by Wayne Flury

Yes, you read that correctly, there is progress being made on my Sonex! Here's some photographic proof:



The photo above shows the RH and LH main wing spars completed and bolted together to establish the dihedral. The photo at upper right shows a detail of the ends of the two spars where they are bolted together. This portion will be contained in a "wing box" in the fuselage assembly and bolted to the structure. At right is fellow Sonex builder and Technical Counselor Gary Laurich who came out to inspect my work, along with Chapter 878 member Dick Burns. Man, am I glad those spars are done...now I start adding ribs!

- **INTERESTING STUFF!**
by Wayne Flury

From the "Don't Be This Guy" department: An article in the Sunday, Oct. 4 issue of the Star Tribune newspaper reports that a Cessna 172 traveling from Montevideo, MN to Madison, WI was forced to make an emergency landing near Middleton, WI after reporting engine problem and losing contact with air traffic controllers. The report noted that the aircraft was not damaged and, after he got some fuel, was able to take off from a field and continue his journey.

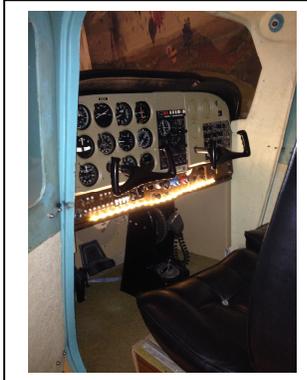
And here's one of those videos that you just have to watch – *A Sarcastic View of Pattern Flying*. See: <https://www.youtube.com/watch?v=f6q2VKsvQEO>. It features Paul Bertorelli of AvWeb.

- **FLIGHT SIMULATORS FOR YOUNSTERS (MOSTLY) AT NICHOLAS-BEAZLEY MUSEUM**

by Wayne Flury

Some of you may remember that I had a report on my visit to the Nicholas-Beazley Air Museum in Marshall, MO earlier this year. A few weeks ago my wife, Joyce, and I were back in that area for a wedding, so I took advantage of a few hours of spare time to revisit and check out things in greater detail.

I had been impressed by their youth area and flight simulators. Here are some photos:



A nice "cabin model" complete with all the instruments. It's about a Cessna 150 size, but I didn't try to fit in.



Above at left is one of several simple, colorful plywood models with a single screen flight simulator program. Shown at the right is a guy I caught having fun in a more elaborate model with three screens with roll movement and I believe the seat moved to simulate pitch. It's not only kids who enjoy simulators!

If you're ever in the Marshall, MO area (about 80 miles east of Kansas City), this is worth your time to visit. It's a very well done display. For more info, see: <http://www.nicholasbeazley.org>. Note: don't judge the museum by their website...it seems to currently be missing some internal links.

- **YOUNG EAGLE FLIGHTS, September 12**

by Elaine Morrow

21 Young Eagles were flown today - plus a number of adults, including the Cub Scout leader who was thrilled to get up! Some Young Eagles were too young to actually count with Oshkosh, but here are the totals:

7 - Glen Morrow 8 - Greg Thomes 1 - Joe Simmon 3 - Larry Rosine 2 - Tim Bond

And, of course, the AT-6 pedal plane got a real workout taxiing!

- **TREE OF HOPE**
by Elaine Morrow

Saturday, December 5 at the Maple Lake Airport

(snow date is Sunday, December 6).

Mark your calendars for this special day!



Since 1990 the Tree of Hope has collected toys which are distributed to Minnesota hospitals by the aviation community, including EAA chapters, flying clubs, Minnesota 99s, and the Zuhrah Shrine Flyers. It started when we found that other toy collections did NOT give to hospitals at holiday time, and often the families could not afford presents with the financial costs of seriously ill children.

You can help the Tree of Hope by collecting unwrapped new toys, donating money which is used to purchase gifts (100% of donations go to toys for the children), or volunteer to help collect, package and deliver the toys. Many airports have local collection boxes where you can make your gift donations. Monetary donations may be made by check, payable to **Tree of Hope** and mailed to volunteer Elaine Morrow (see address below). Donations may also be made by credit card on the Tree of Hope website via the *Donate* button.

Gifts are needed for children, infant to 18 years of age. Something to help keep them busy while in the hospital – toys, games, craft items, etc. Gift cards are appreciated for the teens. Anything that will bring a smile to a young person's face is welcome!

Bring your gifts to the Maple Lake Airport on December 5 to see volunteers in action (or volunteer yourself!) labeling and packaging the gifts which will be distributed to over 35 hospitals. **Refreshments provided!!**

For more info, contact: Elaine Morrow
(Minnesota Chapter 99s and EAA Chapter 878)
pilotelaine@aol.com
952-913-2356 (cell)
10006 Fenner Ave SE
Delano, MN 55328

Howie & Deb Klier
(Zuhrah Shrine Flyers)
n6870j@aol.com
612-802-8441 (cell)

www.holidaytreeofhope.org
www.facebook.com/TreeofHopeMN

EAA CHAPTER 878 and MAPLE LAKE FLYER INFO

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Submissions for publication are encouraged and should be sent to the attention of: Newsletter Editor, at the postal mail or e-mail addresses shown on the newsletter, or c/o any chapter officer.

Send "change of address" information, email address and phone number changes to Newsletter Editor or Chapter Roster Monitor.

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Beginning in September, 2014, our meetings will normally be held at 7:30 p.m. on the second Tuesday of each month (except for the winter months of January – April when we meet on Saturday mornings). Meeting locations may vary each month, depending upon the meeting program.

Dues are \$10 per year for members up to 35 years of age, \$25 per year, age 35 and over.

Current Officers and Officials of EAA Chapter 878:

President:	Greg Thomes	763-443-7039	greg@thomesinsurance.com	
Vice-President:	Peter Radintz	320-963-1980	peradintz@hotmail.com	
Secretary:	Wayne Flury	763-670-6021	wflury@wh-link.net	
Treasurer:	Dick Burns	952-473-1887	dickburns1@aol.com	
Newsletter Editor:	Wayne Flury	763-670-6021	wflury@wh-link.net	
Young Eagles Coordinator:	Glen Morrow	952-955-2802	Flyr177rg@aol.com	
Technical Counselor:	Dick Burns	952-473-1887	dickburns1@aol.com	
Chapter Librarian:	Harold Greseth	763-682-5486	hjpgreseth@gmail.com	
Chapter Roster Monitor:	Tom Rammel	320-286-5283	Tom.Rammel@zeiss.com	
EAA Chapter Advocates:	All Members			
EAA Chapter 878 Website	Wyatt Erickson	763-878-2568	tim56@tds.net	http://eaa878.org

● THE FUNNIES by Wayne Flury

Smart Computers?

We may have "smart phones" and computers that are incredibly capable of assisting us in routine tasks, but the days of the truly smart, or "intelligent" computer are still ahead of us (think of the "I, Robot" stories by Isaac Asimov or "Mr. Data" of Star Trek: The Next Generation).

A recent New York Times story by John Markoff and reprinted 9/21/15 in the Minneapolis Star Tribune reported on achievements in the field of artificial intelligence (AI) software programs. A newly developed program was able to see, read and correctly answer geometry questions from the SAT at the average level of an 11th grader.

However, the programs are acknowledged to not yet equal the ability of human intelligence and to truly "think." Researchers continue to work on software development and ways to measure the intelligence of the machine using it.

One proposed test for a machine that can "think" is called the "IKEA construction challenge." This test would provide the machine and AI software with a bag of parts and an instruction sheet, and then require it to assemble a piece of furniture.

I agree that a machine that can assemble a piece of IKEA furniture, or any other piece of equipment, by following their provided instruction sheet is truly smart, but I would argue that it is only "intelligent" if, after completing the assembly, the machine demands to meet the stupid S.O.B. human that wrote the instructions and pound him or her into a quivering mass of jelly!

(NOTE: Yes, I know this would violate the first of the **Three Laws of Robotics**, plus the later added **Zeroth Law**, as developed by Asimov, but some humans just plain deserve it!).

10/2015