



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.

September, 2016

- **EAA CHAPTER 878 EVENT and MEETING NOTICE**

Chapter 878 Events for September

Saturday, Sept. 10...Fly-outs, overnight camping at KMGG, bonfire, chili feed and hangar dance with "Brothers Three" bluegrass band

Need chapter volunteers to begin setup at noon.

Events from 2:00 pm 'till 11:00 pm. See the attached fly-in poster.

Sunday, Sept. 11...Pork Chop Dinner fly-in

Need chapter volunteers to begin setup at 9 am.

Serving 11:30 am 'till 2:00 pm. See the attached fly-in poster.

Tuesday, Sept. 13...Chapter meeting at 7:30 pm at Ascend Aviation on the Maple Lake Airport

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

You don't need to be told that there are many 'good people' involved in G.A. In my numerous trips to Central North Dakota, I've experienced this first hand and met more than my share of "good people."

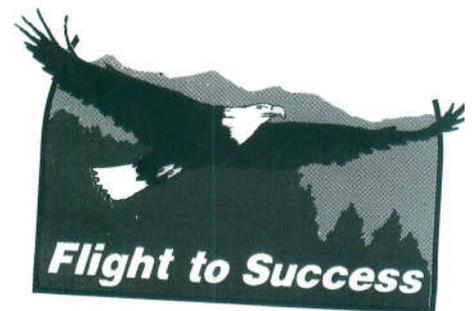
In the most recent return trip, our C177B landed at Hector Field in Fargo with a blown-out left main tire. While there were no A&Ps readily available on a Sunday, I was quickly ushered into a rental car and back in Buffalo (in time) to attend our employee's appreciation picnic.

Twice the Thomes Cessna Cardinal has needed shelter from late fall & winter snow storms at 8J7. In both cases, different "good people" lent their facilities to us. I've been lucky in many other of these types of examples, too.

I like to say the same thing about EAA Chapter #878. There are many "good people" with us in Chapter 878. Our summer events are coming to a close. We hope to see you at our Camp-In/Fly-In on September 10th & 11th. Thanks for being a helping-active EAA member. Thanks for being "good people."

May your skies be bright and breezes light.

Greg



- **MINUTES OF MEETING – August 9, 2016**
by Wayne Flury, Chapter Secretary

August meeting of EAA Chapter 878 was held in the West Metro Aviation hangar at the Buffalo Airport. Members and guests enjoyed a light dinner of “Sloppy Joes” and chips provided by Greg Thomes, with beans, salads, salsa and chips contributed by others.

Meeting called to order at approximately 7:10 p.m. with 20 members and guests in attendance.



Chapter members and guests enjoyed a pre-meeting dinner.

REPORTS:

Secretary’s Report by Wayne Flury for July, as printed in the August newsletter; motion to approve by Dick Burns, second by Kurt Pennuto; no discussion; approved.

Treasurer’s Report by Dick Burns from June as printed in the August newsletter. Motion to approve by Patti Sandusky, second by Pete Radintz; no discussion; approved. Report for July was presented verbally by Dick with no questions or comments. July Treasurer’s Report to appear in September newsletter. See the summary of the general treasurer’s report at the end of these minutes.

COMMITTEES:

I.M.C. Club:

Greg Thomes opened the meeting by noting we had David Wendt and two other persons (John and Laura) from the I.M.C. Club as visitors in attendance, and called for a motion to have this local Club be incorporated into EAA Chapter 878. Motion by Tom Rammel, second by Tim Simmons. Discussion ensued. Greg and Wayne Flury had met with the founder of the I.M.C. Clubs at AirVenture 2016, and had also visited with members of other chapters that had completed a similar incorporation. Both Wayne and Greg encouraged approval of the motion. David noted that Dick Borrell had attended their previous meeting. Approved via voice vote. David Wendt that the I.M.C. Club would be meeting on Tuesday, August 23, and he anticipated approval of the process by his members. I.M.C. Club members will become members of EAA Chapter 878. Wayne asked for a list of names and email addresses so they can be added to the Chapter 878 newsletter email list.

Young Eagles:

Chapter Young Eagles Coordinator Tim Bond not in attendance, but had sent an email that he has flown 5 and planning on another the next week. No plans for a large event.

Chapter Website Update:

Website Coordinator Dan Hanson not present. Wayne received back from Wyatt Erickson a flash drive with suggested website material and will get this to Dan for his website development work.

Chapter PIC Hours:

Chapter President Greg Thomes passed around the PIC sheet for attendance and for record of chapter member flying hours and building hours to date.

RV-4 Build Project: Tom Rammel has been inventorying and categorizing the parts. Thinks we may have materials for the fuselage. He needs some small parts bins to organize bolts, rivets, etc. Kurt Pennuto offered to provide some.

TABLED BUSINESS:

Chapter Build or Acquire a Structure (Hangar or Garage) at Maple Lake Airport: Greg Thomes.

Jump Club: Fred Jude.

OLD BUSINESS:

Maple Lake Fly-In: Chairman Kurt Pennuto presented an update. Passed around volunteer sign-up sheets.

STEM Programs: Kurt Pennuto – no update.

Patti Sandusky noted that the 99s will have a STEM display at the Osceola (Wis.) Wheels and Wings event (car show, radar run, air show, displays).

Yellow Cub Club: Mike Wiskus , not present – no update.

KOSH, 7/25 – 7/31: Wayne Flury, Greg Thomes and others reported on their activities.

Banking: Greg Thomes – no update on adding chapter president to the checking account signer list.

NEW BUSINESS:

Funding for RV-4 Project: Tom Rammel noted that he has been in contact with Van's Aircraft to verify what we do and do not have in our project, and to see what the cost is to complete the kit.

Christmas Party 2016: Connie Erickson has contacted Huikko's in Buffalo and confirmed a room rental for Saturday, December 17.

Roaster Pan Purchase: Noted by Greg that we need to acquire some roaster pans (Glen Morrow had always provided at least two, but they have been sold). Called for motion to purchase at least two, or more depending upon sale prices. So moved by Kurt Pennuto, for no more than \$50 each for two. Seconded by Dick Burns. No discussion. Approved.

50/50 Program: Suggested by Tim Erickson that the chapter start a monthly 50/50 program (referenced the one that Chapter 551 runs). Sell tickets for a designated amount, winner takes half of sales, chapter gets the other half. Designate to use for youth programs. Greg Thomes told him to "go for it" and set it up!

Adjourn: Meeting adjourned at 8:40 p.m.

Program: Joe Calderone, Senior Forecaster at the National Weather Service in Chanhassen (shown in photo at right) gave a very informative presentation about the organization and services of the NWS.

(Sec. Note: See a separate article in this newsletter with info from Joe about various websites available for weather info.)



Treasurer’s Report Summary:

Monthly Treasurer’s Report by Dick Burns for July		
Opening Balance		\$9786.37
Income: Dues	\$ 25.00	
Total	<u>\$ 25.00</u>	
Expenses: Mini Biffs - Buffalo Pancake Breakfast	\$ 203.07	
Harold Greseth - Picnic Supplies	72.74	
Tim Bond - RV-4 Project Acquisition	1050.50	
Tim Bond - Grill Purchase	300.36	
Total	\$ <u>1626.67</u>	
Total Gain/Loss:	\$ (1611.67)	
Ending Balance - July		\$8184.70

● **NWS WEBSITE INFO**
by Joe Calderone, NWS Senior Forecaster

Thank you so much for the postcard (Ed Note: postcard from Chapter President Greg Thomes thanking Joe for his time)! I had a great time meeting the group and presenting the information to you all. I'm glad there was such a favorable response.

As promised, here's a list of the websites I discussed during the presentation and you may pass these along to the rest of the members:

- NWS Twin Cities: <http://www.weather.gov/mpx>
- Aviation Weather Center: <http://aviationweather.gov>
- ADDS site: <http://aviationweather.gov/adds>
- AWC Aviation Forecast Discussion site: <http://aviationweather.gov/products/afd/>
- Storm Prediction Center: <http://www.spc.noaa.gov>
- NWS mobile site: <http://mobile.weather.gov>
- Enhanced NWS mobile site: <http://Innovation.srh.noaa.gov/NWSwidge/yourForecast.php>
- Aviation mobile site: <http://www.wrh.noaa.gov/zoa/MOBILE/ZOA2.htm>

Anytime, if you have any questions, please feel free to let me know. Also, if you would like to contact other chapters and let them know that I'd be willing to come out to give a similar presentation, please do spread the word!

Thanks again for your great hospitality and please do keep in touch.

- **EAA CHAPTER 878 FLY-IN**

Fly-In / Drive-In Weekend Planned for 30th Annual Event, September 10 and 11

See the attached fly-in poster for our 30th (yes, thirty years!) annual EAA Chapter 878 fly-in, with our featured pork chop dinner on Sunday, September 11.

A few years ago a friend of mine noted that he wouldn't be able to attend our event because he had a previous dinner engagement for that night. I had to explain to him that, in sort-of-rural Minnesota, dinner is still a more common term for the noon meal!

Many new things are being added to the fly-in this year which should make it a very special event both for us and attendees. All chapter members will be needed for help. Please put this on your schedule and help to spread the word by printing out the flyer from this email and posting it at airports during your travels, or pick one up at either Ascend Aviation at Maple Lake or West Metro Aviation at Buffalo.

- **IMC CLUB**

by Wayne Flury

I received the following email from Dave Wendt on the Wednesday after our August chapter meeting: "Please thank everyone who made our IMC Members feel so welcome at your meeting last night. I will send you a summary of our next IMC Meeting to be held at Elliott Aviation (KFCM) on Tuesday, August 23."



- **CHAPTER 878 AVIATION EVENTS – 2016**

- Sept 13 EAA Chapter 878 meeting, with a debrief of the chapter fly-in.
- Oct 11 EAA Chapter 878 meeting
- Nov 8 EAA Chapter 878 meeting. Election of chapter officers for 2017-19. (Note: potential meeting date conflict with national election day).
- Dec 17 EAA Chapter 878 Christmas Party, to be held at Huikko's Entertainment Center in Buffalo.

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.

● **EAA MEMBERSHIPS**
by Wayne Flury

Our chapter has been lenient in enforcing the requirement for members of the chapter to be EAA national members! But, there are solutions...see below and contact me or any other officer to learn more and get the process started to become a national member.

Student Membership

An EAA Student Membership is available FREE of charge to any young person age 8 – 18 who has completed a Young Eagles flight.

Membership is free and includes:

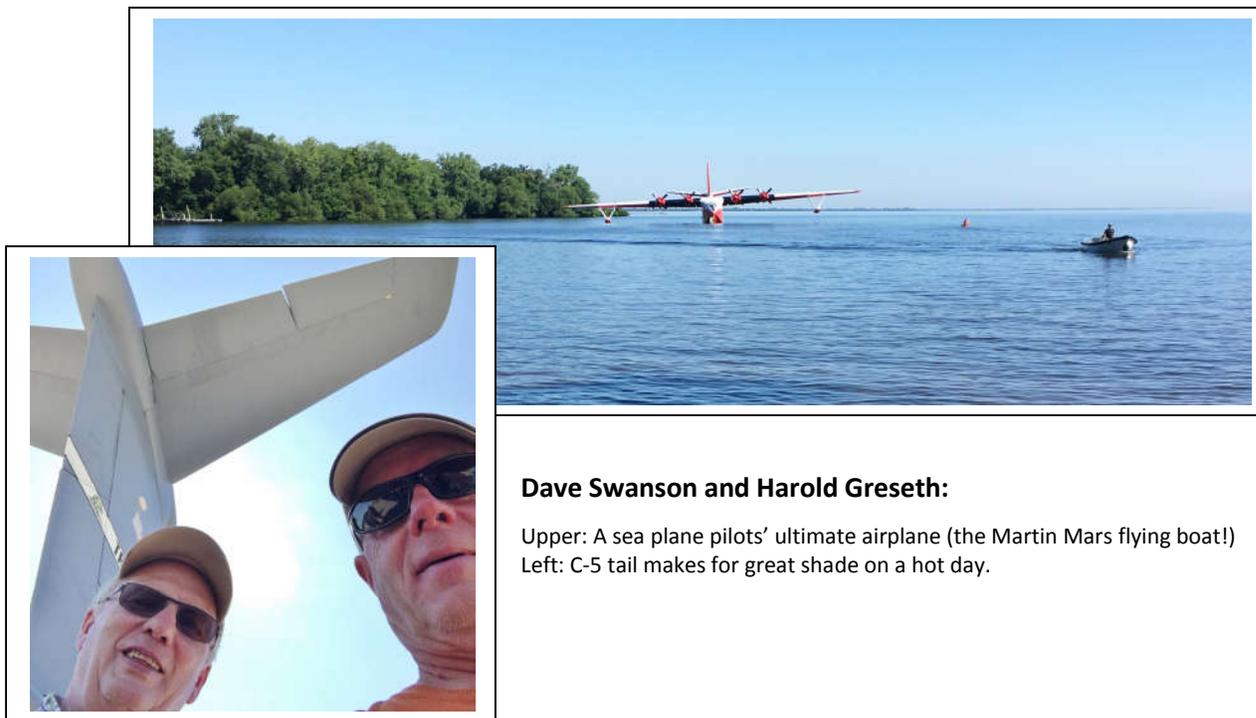
- FREE first flight lesson* (\$120 value).
*Upon completion of the first three volumes of the Sporty's Learn to Fly Course
- Access to valuable flight training awards, education scholarships, and Air Academy camperships.
- FREE admission to 300+ science and technology museums.
- FREE Academy of Model Aeronautics Student Membership
- FREE electronic copy of EAA Sport Aviation magazine.
- FREE access to Sporty's Learn to Fly Course (\$199 value).

Chapter Trial Membership

Through the Chapter Trial Membership program, we can give prospective chapter members a free 6-month EAA general membership trial, which includes the full set of EAA membership benefits at no cost! This is truly a full EAA membership as newcomers will receive EAA Sport Aviation magazine, access to the members-only area of the website, membership discounts on programs like EAA SportAir Workshops, EAA AirVenture Oshkosh, and more.

● **OSHKOSH PHOTOS**
by Wayne Flury

I had requested from members who attended AirVenture Oshkosh 2016 to take a photo of them enjoying the event and submit it to me for publication. Here are a few more. If you went but have not yet sent me your photo, I'll include them in a future newsletter. These stories can continue until AirVenture 2017!



Dave Swanson and Harold Greseth:

Upper: A sea plane pilots' ultimate airplane (the Martin Mars flying boat!)
Left: C-5 tail makes for great shade on a hot day.

- **OTHER AIRVENTURE INFO**

by Wayne Flury

A. Best Description of AirVenture I Have Seen (from the Facebook page of [Launchpad Marzari](#)):

I have figured out AirVenture...
It is Brigadoon,
A city that rises out of the mist once a year.
No one ages,
Everyone is happy.
You can eat, sing and fall in love,
But you step out of the gate, turn around and it is gone.
Only an empty field is left where this magical place once stood.
Until next year when it will magically appear again.

B. Below is a compilation of miscellaneous info from the EAA website:

Attendance: Approximately 563,000, an increase of nearly one percent over 2015.

Total aircraft: More than 10,000 aircraft arrived at Wittman Regional Airport in Oshkosh and other airports in east-central Wisconsin.

Total showplanes: 2,855 (up 7 percent over 2015): 1,124 homebuilt aircraft (up 11 percent), 1,032 vintage airplanes (up 7 percent), 371 warbirds (up 6 percent), 135 ultralights and light-sport aircraft, 101 seaplanes, 31 rotorcraft, 41 aerobatic aircraft, and 20 non-categorized aircraft.

Commercial exhibitors: Final total of 891, a 10 percent increase over EAA AirVenture 2015.

Forums and Workshops: A total of 1,050 sessions attended by more than 75,000 people.

Social Media, Internet and Mobile: More than 35 million people were reached by EAA's social media channels during AirVenture; EAA AirVenture app had 1.6 million screen views; EAA video clips during the event were viewed more than 1 million times; and EAA's 1,100 photo uploads were viewed more than 7.4 million times.

Guests registered at International Visitors Tent: A record 2,369 visitors registered from a record-tying 80 nations. Top countries represented: Canada (578 visitors), Australia (340), and Argentina (167). [NOTE: Actual international attendance by country is undoubtedly higher, since these are self-reported figures only.]

Media: 750 media representatives on-site, from six continents

2017 Opening Night Concert: Ford Motor Company has already announced their opening night concert presentation for 2017! It will be the Grammy-nominated alt-rock band Barenaked Ladies.

Other 2017 Items: Next year is the 80th anniversary of the Piper Cub and the 70th anniversary of the U.S. Air Force, so look for a big emphasis on these.

- **SONEX UPDATE**

by Wayne Flury

Before going to AirVenture this year I asked Dave Swanson and Harold Greseth to come to my shop and help me fit the wings into the Sonex fuselage and pin the tangs of the main spars together (this was a loose fit, as there are several steps to go through after that to fully mount the wings to the fuselage). That was successful...it took longer to explain what I needed them to do than to actually do it!

After returning home from Oshkosh and taking care of other stuff, I was finally able to work on all the things necessary to mount the wings...centering, leveling, squaring and set the incidence plus fit the rear spar carry-through assembly and drill mounting holes, then to drill the main spar wing attach bolt holes, all of which required many, many, many, many, many movements into, under and over the fuselage, and then up and into the cockpit, then out of the cockpit to get the tool I had forgotten, then back up and into the cockpit, at which time I sometimes had to get on my knees, bend forward in a crouch position with my head under the panel so I could see what I was doing, then get back out to fetch the tools I needed to remove an assembly I had mounted to the fuselage a long time ago but which interfered with the wing mounting procedure, and then back into and under the panel! At this point I needed to sit for a while, catch my breath and make sure my next measuring or drilling operation would be correct. And, of course during this time the weather was hot and humid so I was covered in sweat and dripping all over the airplane. Also, since I'm no longer a "spring chicken" and unable to bend and contort as I used to do, I had to make sure of a good supply of Aleve in the house!

The drilling operations are a critical step, and I had read plenty of horror stories on the internet builder's sites about mistakes made during this process, so I proceeded slowly!

The final result, as of August 18 and without too much mental anguish or loss of skin and blood, is something strongly resembling an airplane sitting in my shop with very solidly attached wings! 75% done and only 60% left to go!



Da plane, da plane! (as of August 18)

The next big step is removing the wings so I can finish rivet the mounting structure (things that can't be done until the wings are properly located), but there are several other jobs (make fairings, mount wing tip lights, rivet wing tips, rivet walkway doublers on the wing, plan for winter work, etc.) that I'll do first.

Oh yeah, there's no lack of work yet to do! Plus, at some point I must reinstall the seat, climb in and make airplane noises!

- **SPORT AVIATION MAGAZINE APP FOR MOBILE DEVICES NOW AVAILABLE**
by Wayne Flury

You should have been aware that for some time you've been able to view the Sport Aviation magazine online at your desktop computer. I'm personally not a big fan of this, as I prefer to hold a real magazine in my hands and flip through it as I wish (even though I'm still honked off about the oversize format of the printed magazine and the light-weight paper used – a change made several years ago by management from another universe, but I'm digressing!), but it does have its uses.

Now you can download an app and read Sport Aviation on your phone or tablet (probably best used on a tablet, which I don't have, simply because of screen size). It only takes a minute to download the app, and it's free! Just go to your App store and search for Sport Aviation magazine. Happy reading!

Also see: <http://www.eaa.org/en/ea/aviation-education-and-resources/ea-magazines-and-publications/ea-sport-aviation-magazine/sport-aviation-app>.

● **EAA CHAPTER 878 and MAPLE LAKE FLYER INFO**

The Maple Lake Flyer is published monthly by Chapter 878 of the Experimental Aircraft Association (EAA) for the use, education and enjoyment of Chapter members and others to whom it is provided. No claim is made for the accuracy of materials presented. Editorial content is the opinion of the contributor and does not necessarily reflect the position of Chapter 878 nor the EAA.

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.

Permission is granted to other Chapters to reproduce any or all of this publication, with credits to be acknowledged, excepting "The Funnies" cartoon which is the intellectual property of Wayne Flury.

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 and \$25 per year for 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
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Young Eagles Coordinator:	Tim Bond	612-961-3257	timlbond@gmail.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.com>

● **THE FUNNIES**
by Wayne Flury



That airplane is very stable. However, I can't say the same thing about the pilot! 9/2016

Maple Lake Fly-in Camp Out

Sept 10-11, 2016



Maple Lake Airport (MGG)
7 miles west of Buffalo,
MN.. Call Kurt 612-209-3478.

Join us to honor those who
protect and serve our country
and communities.

Sponsored by EAA Chapter 878, Maple Lake.
www.eaa878.com

Saturday, Sept 10	Sunday, Sept 11
<ul style="list-style-type: none"> • 1st Annual Camp Out—2 PM • Fly-out to local airports—5-7 PM • Chili Dinner—7 PM • Bonfire—7-11 PM 	<ul style="list-style-type: none"> * 30th Annual Fly-in * Pork Chop Dinner 11-2 * Aviation Vendors * Honor Guard * Military Aircraft * Fire and Rescue