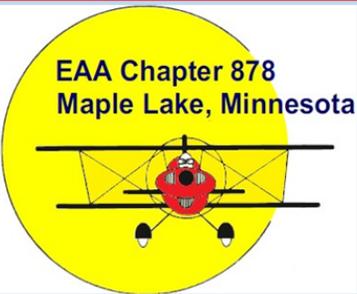


An aerial photograph of a runway at an airport. The runway is paved and has a dashed white line down the center. The number '28' is painted in large, white, block letters on the runway surface. The runway is flanked by green grass. In the background, there are some buildings and a body of water.

The Maple Lake Flyer

April 2021

Maple Lake Municipal Airport has been in
continuous operation since April 4, 1966.



EAA Chapter 878

Advancing Joy Through Flying Since 1986

Maple Lake, MN



EAA Chapter 878 Newsletter

Celebrating 36 Years

Proud Supporter of Maple Lake, Buffalo & Nearby Area Aviation Communities



Next EAA Chapter 878 Meeting

Date: April 13, 2021

Location: In-person at the Buffalo (KCFE) airport with beverages/dessert provided.

Meeting Time: 7:00 PM

Age of COVID-19

Notes:

Attending in person? Please be courteous, keep your distance, use a facemask, sanitize hands.

We understand if you cannot attend in person. As with any other activity, a personal "Risk Assessment" should guide you. If you don't feel well, have been exposed to COVID-19, please stay home, and join us another time.



Have you paid your dues yet?

(simply click image to pay dues)

Help your Chapter by paying your dues, payment by either check or credit card is easy!



Presidents Airspace by Greg Thomes

We as Minnesotan's love to discuss the weather, RIGHT? Please don't tune-me-out as we enjoy the somewhat early spring and how many of us come out of our winter cocoons. My scenario involves the short lay-up of N34909 of +90 days for minor refurbishments. It's taken me several weeks to knock-off the rust.

There are many resources to get the mind and body disciplined into proper aviation tactics. Here are just a few ways to assist in getting you safely back into the skies:

- *Air Safety Institute: (AOPA has many great, short safety clips).
- *EAA Webinars: (check out the one on surviving carbon monoxide in the cockpit).
- *Flight Safety Foundation: www.flightsafety.org See how to avoid crashes.

And of course, our very own Laura Hermann heads-up the Saturday morning webinar series through FAA Safety.gov And, you get Wing's credit too!

These are just a few ways to be safe. Let's get back-at-it in 2021. May your skies be bright and breezes light!



Vice-Presidents Airspace by Peter Radintz





Secretary's Airspace

by Secretary

EAA Chapter 878 Historical Record of Officers and Other Leadership Positions

I've always kept a file of documents relating to Chapter 878, including newsletters and information about our various events. Many years ago, I began a record of chapter officers in a table format. It's interesting to me to look back and think about the many people who have been involved in the chapter and its evolution. In a recent EAA webinar for Chapter Secretaries, it was advised that a Chapter Secretary is also the Custodian of Records, and one of those is the Historical Record of Officers. Click here for [Chapter 878's record](#). If your name isn't on this record, how might you be able to contribute? Note that not all chapter activities are listed here!

Stearman Owned by Chapter 878 Member Ray Johnson Leaves Minnesota to Pursue a Movie Career

As noted in the minutes of our March meeting, Ray Johnson has sold his Stearman, and a very nice article appeared in the Buffalo newspapers. For your enjoyment, please click [Wright County Journal-Press, and The Drummer newspaper](#) to read the articles.

There will also be an article (written by Wayne) in the April issue of the Minnesota Flyer magazine.



Treasurer Airspace

by Henry Williams





Flight Advisor Airspace

by Chris Glaeser

IMC with no instruments?

How to avoid pitot-static failures in the weather

Some questions to frame the following discussion:

1. Does your pitot tube have any water drain holes in it?
 - a. If yes, is this part of your normal preflight and annual inspection?

We checked 3 aircraft at KMIC this week, and found one with a plugged pitot tube drain (!)

2. Does your aircraft have an "Alternate Static Source"?

- a. If yes:

- i. Do you know where the cockpit control is?
- ii. Is checking this control "off" part of your normal preflight?
- iii. When was the last time you actuated it?

- iv. What does the POH say is the expected altitude error? [Read more >](#) 13-1/2 min read



Social Media Airspace

by Jon Niska

How Schools Use Drones to Deliver Internet to Students

The past year has been a challenge for everyone. Schools may have more of a challenge, as they are responsible for numerous students. With those students learning from home, internet access is essential. In northern Wisconsin, a school district is getting creative and exploring the use of drones to provide internet to some of their more remote students. [Read more >](#) 8 min read



IMC Club Airspace

by David Wendt

Think Before Throttle (TBT).

Once you have committed to Takeoff be certain you are ready to return if necessary. Don't simply read the before checklist; make certain you've accomplished the required tasks. Recheck that the tank chosen for takeoff contains sufficient fuel. Check that the backup fuel pump is on if the aircraft requires it for takeoff. Recheck that takeoff flaps are properly set. How many inches of manifold pressure and/or what rpm should the engine deliver during the takeoff roll ? Don't accept an intersection departure that leaves valuable runway behind you. Note the distance (in feet) of your upcoming ground roll. Highlight the intersection where the aircraft should break ground. [Read more >](#) 1-1/2 min read



STEM Airspace

by Kyle Weatherly

I plan on sending an e-mail to my contact list regarding S.T.E.M. programs after the 1st of April. Schools will be back from Spring Break and their policies about outside visitors may be adjusted prior to the end of the school year.



Eagle & Young Eagle Airspace by Kyle Weatherly

I have been meeting young people with Interest in Aviation Careers

The Young Eagles and I have been taking advantage of the nicer weather and getting out flying. It has been a slow start to the year, but I am trying to catch up and get some hours in.

The list below has appeared in the last two Young Eagles updates, I have updated what has happened since.

The list for 2021: [Read more >](#) 7-1/2 min read



EAA 878 Scholarship Airspace by Kyle Weatherly

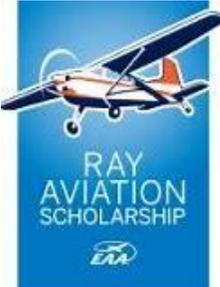
We are ONLINE: A Scholarship Update

Some minor adjustments to the Scholarship on the webpage

As of this weekend (3/21/2022) we had not received any scholarship applications yet.

I have updated a couple of items to make it a little more intuitive to get to our scholarship. Note that the heading has been changed to let the user know to click on Overview to get to our scholarship. This is something inherent on the website we have where overview appears as a subfolder when the page is larger. There was no way to change the text of overview, so I put it in the description.

[Read more >](#) 2 min read



Ray Scholarship Airspace

by Kyle Weatherly

Ray Scholarship Update

Everyone, I am taking over the Ray Scholarship as an interim coordinator hoping someone will step up from the chapter. We do not currently have a candidate, but I know a couple of strong possibilities.

We are currently out of our assessed penalty from the EAA Main Chapter. This was due to pulling Jazmin out of the program before completion of her training.

My intent is to contact the new Ray Scholarship National Chairman and explain that Jazmin has completed her training on her own and to see where we currently stand as a chapter. I plan to bring this information to the April meeting so we can start making decisions on other possible candidates.

We have a strong group of young people coming up wanting to get a pilot's license, we also now have a local flight instructor. Both of these things are going to be good news as we go forward with the Ray Scholarship Program.



Vim & Vigor Airspace

by Thomas Hurwitz, M.D.

Spring Ahead is a Fly-by Night Operation

As the “youngest” commercial rating candidate in our organization, my progress has been slowed by the pandemic and my completion of the requirements now lacks the obligate solo nocturnal flight hours. After a return from VRP (very rusty pilot) status 4.5 years ago, I've adhered to a personal minimum of daytime flight, both VFR and IFR. As time flies by, I'm now faced with progressively later night onset to begin these flights and reminded of various aviation mishaps that have been attributed to “fatigue”.

[Read more >](#) 7 min read



Notable Mention by Chapter Leaders & Coordinators

Help Support EAA Chapter 878 As You Shop

Are you an Amazon shopper? Consider using [AmazonSmile](#) and designate EAA Chapter 878. The AmazonSmile Foundation will donate 0.5% of your purchase price of eligible products to the charitable organization of your choice...an easy way to help your EAA Chapter 878!

Wanted – Photos of You and Your Airplane

by Elaine Morrow, Chapter Webmaster

Help me make our website a place of chapter recognition and interest. Please send me a photo of your airplane (and you) which I will include on our Chapter 878 website. This includes aircraft projects too! Send to: pilotelaine@aol.com or call 952-913-2356 with any questions.

Requesting Chapter Member Aircraft and Project Info

By Chris Glaeser

Chris Glaeser (as our chapter Flight Advisor) is still looking to get information from all chapter members about aircraft owned, or projects working on, His focus is to have a list so that if he gets a call from someone asking if he knows anything about RV aircraft or float planes, etc., he has a source of reference.

If you haven't yet responded to Chris, please contact him with your info (a photo may also be nice) with complete data on your airplane, including engine and prop. His contact info is: 952-239-4081, or chris.glaeser@gmail.com.

Keep Your Contact Info Updated

by Ray Svobodny

Chapter 878 Membership Roster is an ever-changing document as members join, depart, move, change email addresses, etc. Please provide Chapter 878 Database Manager, Ray Svobodny, with any changes to your information or filling in any blanks in our current info. Contact Ray at: raysvobodny@gmail.com or 612-327-4232

WINGS - Pilot Proficiency Program

The objective of the WINGS Program is to address the primary accident causal factors that continue to plague the general aviation community. By focusing on this objective, we hope to reduce the number of accidents we see each year for the same causes. As you will see, it is not a simple "Award" program but is instead a true proficiency program, designed to help improve our skills and knowledge as pilots.

[Read more...](#)

EAA Proficiency365

Improve your flying, proficiency, and safety with EAA® Proficiency365™ the online hub of EAA resources, programs, and exclusive member benefits that can help you stay active in year-round activity to advance your flying proficiency, improve your safety, and help you contribute to your aviation community. [Read more...](#)



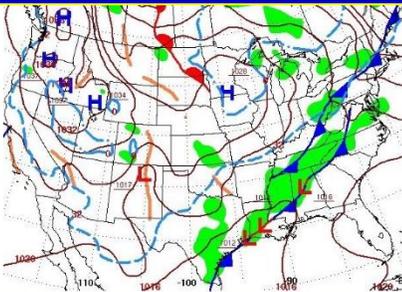
Member Spotlight

by Thomas Eckstrom



Hello all! For those of you who don't know me, my name is Thomas Eckstrom. I'm currently a Senior at Annandale Highschool and love aviation. Aviation has been my main obsession for as long as I can remember. I would (and still do) watch the Discovery channel, the Smithsonian channel, and any other channel that would have some sort of history and/or aviation show, I seriously couldn't get enough of it. I recently started working on my private pilot's license and just had my first solo a couple weeks ago and cannot wait to finish it. It is really the thing in life that I love and can't wait to go down this path in the future. I've recently been appointed to the United States Air Force Academy, where I will major in Aerospace Engineering, and hopefully get a Pilot slot from there, so I cannot wait to start that journey!

Call it short and sweet, but that's all I have for you guys, I'm really not an interesting person.... :). I'll see you all at the airport!



Weather Manners

by Noteworthy Contributions

DISCOVER

What is high pressure?

Pressure can be thought of as the weight of the air above the Earth's surface. The force exerted by an air mass depends on its molecules – how many there are, their size and motion.

HIGH PRESSURE

High pressure areas are usually caused by air masses being cooled, either from above or below

Weather associated with high pressure:

- Clear, sunny skies
- Dry
- Light winds
- Fog, mist
- Snow in winter

Weather associated with low pressure:

- Cloudy skies
- Windy
- Wet
- Mild temperatures

WEATHER FRONTS

Fronts are boundaries between areas of high atmospheric pressure and low atmospheric pressure that typically bring unsettled weather.

1 Air mass

2 Air mass cools and shrinks

3 Heavy air mass creates higher pressure on Earth's surface

SO WHAT IS LOW PRESSURE?

When air warms, its molecules scatter. The air becomes lighter and rises.

As it rises, it cools and condenses, forming clouds

The formation of a low pressure area is known as cyclogenesis

Air converges near the ground into a low pressure area. The air can't just pile up, so it rises and diverges aloft (in the upper atmosphere).

The denser air pushes outward near the surface, seeking surrounding areas of lower air pressure.

In the Northern Hemisphere, the Earth's rotation deflects these winds into a clockwise rotation.

(click to view enlarged image)



Musings by Ask ATC

Get answers from experienced air traffic controllers. "Ask ATC" allows you to write your aviation ATC query, and post to our ATC panel in just a few taps.



(click image)

KFCM Saturday Morning Webinar Series

Every Saturday except Holidays
0900-1000 Central time
Wings Credit Given

April 3	No webinar
April 10	Slips, Skids and Turns
April 17	Ultralights
April 24	CFI Tips and Tricks
Schedule of topics, click: FAASafety.gov	
New to Wings, click: Wings account setup	
For questions, click: Laura Herrmann	



Quote of The Month

“There is a kind of principle of the sky, a spirit of flight that calls to certain among mankind as the wilderness calls to some, and the sea to others.”

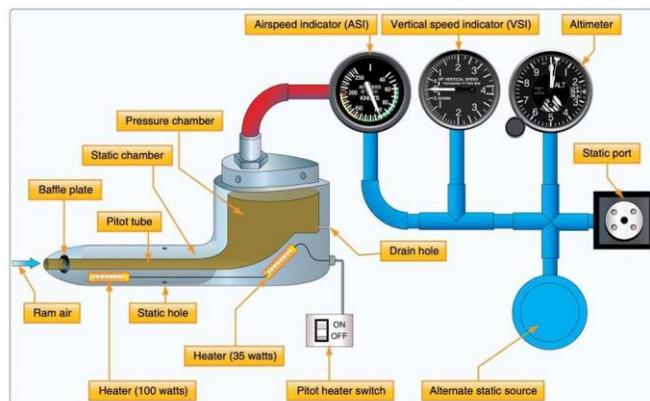
~Richard Bach



Break glass in case of emergency!

by General Aviation News

Quick review of static ports and their ecosystems...



(click image)



EAA Chapter 878 Hangar Fund



(simply click image to donate)

We are raising money to rebuild an old hangar to house our EAA Chapter 878 and finish building an RV-4 airplane. Please join our GoFundMe effort. Sharing with others would also be helpful.



New Flying Club Planned by Dick Borrell

Organizational Meeting Planned for 10am on 4-17-21 at Maple Lake Airport



A local non-profit air museum will be leasing this 1968 Cessna 172-1 for use in a program called the Wright Flyers, a flying club based at Maple Lake MN (KMGG). [Read more >](#) 3-1/2 min read



Flight Testing this Summer

by Steve Waddell



Here's an update on my project. I've just got my registration back and am sending in my application for airworthiness certificate. Based on conversations with the DAR, I am on my way to having the inspection done in the next month or so. If anyone has questions on these final paperwork processes, I am happy to share my experiences.





are you a member?
JOIN TODAY

*Promoting and protecting aviation in our State through advocacy,
education, outreach and social activities.*

*We are the voice of pilots, aviation enthusiasts and supporters
of aviation in Minnesota.*

To sign up, click join at www.mnpilots.org

*Free one-year introductory membership for new Private Pilots
(checkride within last 6 months)*



SCAN ME

www.mnpilots.org · info@mnpilots.org

2021 GREAT MINNESOTA AVIATION GATHERING

...celebrating aviation in Minnesota

BUFFALO MUNICIPAL AIRPORT (KCFE)
1305 COUNTY ROAD 134 NE · BUFFALO, MN 55313

Friday, May 21, 9am to 5pm
Saturday, May 22, 8:30am to 4pm

Admission \$10.00 per person - per day · Free to MNPilots members and attendees 18 and under



See over 40 aviation exhibitors · Participate in FAA Safety Seminars
Participate in the AOPA Rusty Pilots Seminars (admission still required)
Enjoy many different aviation forums · Meet with pilots from across the Upper Midwest



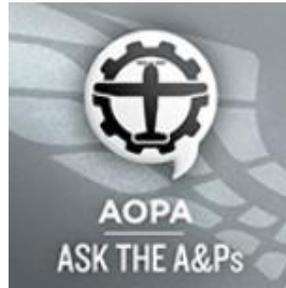
www.mnpilots.org · info@mnpilots.org
763-494-7744 · www.facebook.com/mnpilots

Feel free to contact us to become an exhibitor or sponsor of this premier event!



Aviation Podcasts

(click image)



Aviation Webinars

(click image)



Chapter 878 Aviation Events – 2021

Apr	13	EAA Chapter 878 meeting, Arrival/Departure building at Buffalo-KCFE
	27	IMC / EAA Chapter 878 meeting, Zoom Meeting
May	11	EAA Chapter 878 meeting, Zoom Meeting
	25	IMC / EAA Chapter 878 meeting, Zoom Meeting
Jun	8	EAA Chapter 878 meeting, Arrival/Departure building at Buffalo-KCFE (may be postponed in favor of a chili feed)
	22	IMC / EAA Chapter 878 meeting, Zoom Meeting

Note: this list generally will not include the many pancake breakfasts and other fly-ins or local aviation events because they are well publicized on other sites dedicated to that purpose. For other event information, see our [EAA Chapter 878 website](#), and websites such as [EAA](#), [AOPA](#), [Social Flight](#), [Fly-ins](#), and [FunPlacesToFly](#). Also see various Calendars of Events in magazines, and airport bulletin boards.



Editors Airspace by Ray Svobodny

The EAA Chapter 878 Newsletter is published monthly, 1-week prior to monthly Chapter meetings.

Sharing your knowledge and other news with the Newsletter is both fun and easy but please follow our simple editorial guidelines. Your articles, videos, high resolution images, and The Funnies by Wayne are welcome and needed. Our Chapter Members are particularly interested in aviation related topics.

[Click Here for EAA Chapter 878 Editorial & Submission Guidelines](#)

[Click Here for Missed Issue Archives](#)

[Please encourage advertisers to support us! Click here, for information.](#)

Join EAA Chapter 878!

Are you or a friend not yet a Chapter 878 member? [Click here for a Membership Application Form.](#)

If you have questions, please contact me anytime. [Ray Svobodny](#) / 612-327-4232.

EAA Chapter 878 And Maple Lake Flyer Info

EAA Chapter 878
PO Box 169
Maple Lake, MN

[EAA Chapter 878 Website](#)

a 501(c)(3) non-profit organization

The Maple Lake Flyer is published month/ 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 submitted. 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.

Send "change of address" information, email address and phone number changes to: Chapter Database Manager.

Permission is granted to other Chapters to reproduce any or all of this publication, with credits to be acknowledged.

Chapter meetings are normally held on the second Tuesday of each month (except for the winter months of January — April when we meet on the second Saturday morning). Meeting location and time may vary each month, depending upon the meeting program or other chapter activities. Our December meeting is usually a family social event held at a local event center, with date, time, and place to be determined annually.

Chapter membership is open to all persons interested in aviation. To become a member, simply contact any one of the current officers and request a membership application or click on the "Membership" link on our [website](#). Annual dues are \$10 for members up to 35 years of age, \$25 for age 35 and over, and \$35 for a family membership.

Current Officers:

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@outlook.com
Treasurer:	Henry Williams	612-363-1803	hawmsl@q.com

Chapter Leaders and Coordinators:

Beverage Coordinator			
Chapter Assets Monitor:			
Chapter Librarian:	Harold Greseth	763-682-5486	hjgreseth@gmail.com
Chapter Manager of Non-Profit Programs	David Wendt	612/272-4600	DaveWendtInsurance@emal.com
Chapter 878 Database Manager: (Chapter Roster)	Ray Svobodny	612-327-4232	raysvobodny@gmail.com
Chapter 878 Website:	Elaine Morrow	952-913-2356	pilotelaine@aol.com
Culinary Coordinator	Monthly Volunteers		
Eagle Flights Leader:	Kyle Weatherly	612-759-5227	k.weatherly@live.com
Facebook Leader:	Jon Niska	218-290-0112	j_nisk@hotmail.com
Facilities Committee Coordinator	Fred Jude	320-274-2599	fjc@lakedalelink.net
Flight Advisor	Chris Glaeser	952-239-4081	chris.glaeser@gmail.com
Fly-In Committer Chairpersons			
Winter Chili Feed	Laura Herrmann	952-210-8600	ljherrmann@yahoo.com
Buffalo Fly-In	OPEN		
Maple Lake Fly-In	OPEN		
Fly-Out Coordinator:	Dick Borrell	612-799-3337	dbborrell@yahoo.com
IMC/EAA 878 Club Coordinator:	David Wendt	612/272-4600	DaveWendtInsurance@gmail.com
Mobile Sign Manager:	OPEN		
Newsletter Editor:	Ray Svobodny	612-327-4232	RaySvobodny@gmail.com
Ray Foundation Scholarship Co-ord.	OPEN		
RV-4 Build Project Coordinator:	Tom Rammel	320-286-5283	Tom.Rammel@zeiss.com
Scholarship Committee Coordinator	Kyle Weatherly	612-759-5227	k.weatherly@live.com
STEM Coordinator	Kyle Weatherly	612-759-5227	k.weatherly@live.com
Technical Counselor:	Dick Burns	952-473-1887	dickburns1@aol.com
Young Eagles Co-Coordination:	Boyd Emmel	612-414-6743	bjemmel3@gmail.com
	Kyle Weatherly	612-759-5227	k.weatherly@live.com
EAA Chapter 878 Advocates:	All Members		

Add your name to the list above – how can you help and support your chapter?



Advertise Your Business!
Chapter 878 Newsletter Rate Sheet



Advertise Your Business!
Chapter 878 Newsletter Rate Sheet



Advertise Your Business!
Chapter 878 Newsletter Rate Sheet



Advertise Your Business!
Chapter 878 Newsletter Rate Sheet



Advertise Your Business!
Chapter 878 Newsletter Rate Sheet



Advertise Your Business!
Chapter 878 Newsletter Rate Sheet