



The Beacon

The newsletter of Chapter 54
Lake Elmo, Minn.

MAY 2015

May 2015

NEXT MONTH'S PROGRAM WILL BE ON

MONDAY June 8, 2015

- Come at 7:00 pm and socialize.
- **CHAPTER HOUSE, ENTRANCE B, LAKE ELMO AIRPORT 21D.**
- **Our Chapter Web site address: www.eaa54.org**
- **Topic for the meeting will be Tanis Engine Heating Systems**

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Upcoming Events

1. Next Young Eagles event — June 13, 2015
2. Aviation Day Pancake Breakfast August 16, 2015
3. Farnsworth Hangar Tour May 21, 2015
4. July Meeting— Special Event — U-2 & SR-71 pilot Presentation

Flying with The AeroShell Team by Jeff Hove

Paul flew the Andersons' Apache to Sun & Fun. He should have a good story about that. I intended to go with him but my big project at work was not finished so I could only take off Tuesday-Thursday instead of the whole week, so I flew to Tampa commercially on Tuesday (after a 4:15am wake-up).



My main purpose of the trip was to claim my Oshkosh raffle prize - a ride with the AeroShell aerobatic demonstration team. AeroShell paid most of my airfare, gave Paul and I seating at the VIP viewing area for the Wednesday night airshow (the AeroShell team was the opening act), and arranged my flight with the team on Thursday morning.

The weather was great Tuesday and Wednesday. A highlight was the Breitling Aerobatic Team's first performance in the U.S. with their 7 L-39 jets.

Unfortunately it started raining Thursday just prior to my flight. The show must go on though and we all made do but the photography before and after was difficult. Paul endured a drenching to do his best to document my adventure.



Jeff Hove provided this point of view photo for flight in Aero Shell formation flight at Sun N Fun



Young Eagles May 9, 2015 — Report by Linda Amble, Young Eagle Coordinator

The first Young Eagle event of 2015 was on May 9 and it was a beautiful Saturday morning.

The Cub Scout troop from St. Michael's in Stillwater, showed their appreciation for flights by cleaning trash from the south fence line at the airport. Brad from the MAC had suggested the project. The Scouts picked up 6 contractor bags of litter. Big thank you to them.

The usual set of characters, I mean volunteers, were present at 8:15 for the set up. The unfortunate thing was that half of the participants that signed up were a no show. The lack of kids was attributed to the fishing opener. Hard to say what really happened but it was a good warm up for the June event.

It was a great day and it seemed as though everyone had a good time. Everything wound up by 10:00.

Thank you to all for your participation.

Young Eagles dates are on the second Saturday of each month, May through October.

If you are interested in being on the volunteer list let me know. You will receive an email reminder one week before each date. Otherwise all are welcome anytime.

Future Young Eagle dates are as follows:

June 13

July 11

August 8

September 10

October 8



Aviation Day is Coming August 16, 2015!

Sign up now for volunteer positions, invite your

friends and neighbors — help make the day the best it can be. We also need airplanes to be a part of the static display. Below is part of the cooking crew.



Left: Another photo by Jeff Hove of his experience as second pilot for the Aero-shell aerobatic team.

EAA CHAPTER 54 TREASURER'S REPORT

BY TOM GIBBONS

EDITORS NOTE: AS DISCUSSED AT A RECENT BOARD OF DIRECTORS MEETING, THE TREASURER'S REPORT WILL NOW BE ON OUR WEBSITE AT WWW.EAA54.ORG/MEMBERSONLY





Husband & Wife Rock the Flight Deck

by [Mariano Rosales](#) from All Things Aero

A husband and wife that both fly is not uncommon, but to have them in the same airliner flight deck flying a trip together is pretty rare. That's exactly what happened to Nate and Lisa Ruedy.

For the first time ever, Lisa and Nate were scheduled on the same trip together. Their 4-day trip took them from

Minneapolis, MN to Montreal, Canada and Providence, RI where they had a 30-hour layover. The long break allowed them to tour the area, eat great seafood, and relax on the beach.

"It's the first time we've ever gotten to fly together at work," said Lisa. "But it didn't really feel like work."

They both had similar total time flying for the airlines, but since Lisa has been with the company longer she has higher seniority. Lisa just upgraded to Captain and Nate is a First Officer. When asked how it feels to fly with your wife as Captain Nate jokingly replied, "Well, she's already the captain at home so it's not really any different."

The Ruedys say its unlikely they will be able to share the same flight deck anytime soon. Nate will soon be working as a simulator instructor for their airline and will also be upgrading to Captain very soon.

The duo are true aviators to the core, and love everything to do with aviation and flying. And when they're not out flying their Cessna 120 for fun they use it to train those interested in tailwheel flying.

Want to fly with the Ruedys? Check out their flight school [Valters Aviation](#).

And in case you didn't already know, Lisa is a Featured Contributor here at All Things Aero. Check out her [stories here](#).

<http://allthingsaero.com/airlines/airline-pilots/article-ruedy-s-rule-husband-wife-rock-the-flight-deck>





FROM THE FLIGHT DECK (PRESIDENTS REPORT)

JIM PEARSALL

Hello Fans of Flying and Lake Elmo!

I was looking at my letter for the newsletter last May and from a reporting perspective, same as last year. There were some different players perhaps, but as a chapter, we had a work party to OSH, completed another ground school, started the 2015 edition of Young Eagles, had our Spring BBQ in place of our May meeting and began some regular flying. Work got done, great weather for YE and not so much for the BBQ, Ditto of last year. As I pointed out last year, there is a theory about weather cycles, and interestingly it may even work on a yearly basis. If so, I expect next year weather will be bad for YE and good for BBQ.

What is new? We have some new mulch around the clubhouse, landscaping being an ongoing project. Our programmable thermostat was installed and clubhouse got reconfigured a bit after the BBQ and Ground School. Thanks to everyone that assisted by getting to what we see needs to be done. Calls are being made to reach out to exhibitors for our Av Day, the Commemorative Air Force is secured, weather permitting. We are considering again having a speaker or two at Av Day and I would like to put more energy behind kids activities. Stay tuned, see Jack Miller if you want to be involved.

On the flying front, from my experience in the air and monitoring 21D CTAF quite regularly, I believe our celebrity bridge project attracting additional river corridor traffic. I am wondering what you all are seeing? I would like to hear your thoughts, maybe if you concur start an email thread, or to consider in our YE briefing and to consider as we operate in the neighborhood.

As this letter goes out the 2015 Farnsworth Hangar tour is happening, May 21. I had the opportunity to review the handbook the kids use for the tour and was impressed with the work that goes into this outside of what we, the chapter does. I hope to get away from work to experience, help with this firsthand this year. This is definitely an activity that fits our mission. So far this year for EAA Chapter 54 is pretty much a Xerox of last, and nothing wrong with that.



Tailwinds Flying Club Partnership Welcomes New Members

Tailwinds Flying Partners is based at Lake Elmo airport. We are a non-profit corporation of 39 pilots who equally own three aircraft and one hangar (25E). Our goal and philosophy are to fly great airplanes safely and inexpensively. We currently have a Cirrus SR20, Archer II and Cherokee Six. Some of our members belong to EAA 54 and we love to fly Young Eagles. Please stop by and visit us anytime! To inquire about membership, please [email](mailto:) or call Mark at 651-983-6206. www.tailwinds21d.org



Chapter 54 Meeting Minutes

By Bettie Seitzer, Chapter Secretary

Aviation Day August 16th; 8:00 – 1:00: Jack Miller will chair.

- Need Sub-Committee Chair people.
- Phone callers to recruit helpers will be the first step.
- Additional Subcommittee chairs are needed Phone for Jack 651-631-9613
- Program and Logistics team to go through the checklist and prepare for a great event. This is a great way to build our chapter strength and have a great time Tables and Chairs are reserved
- Do we want to have Presentations? Perhaps a FAST Team event?
- Commemorative Air Force will come in to do rides. A B25 will fly by.
- There is an AOPA event the following weekend; we may get some bump from that.
- The Forest Lake fly-in will be August 15th, but we do not expect much competition from that event.
- Last year's flyer could be used with a simple change of date.
- We will invite the same vendors that participated last year.

Dave Fiebiger is recuperating at home from some health issues. Please take a moment to send him a card. The Chapter will send him a card.

Board meeting minutes will be reviewed at the next meeting and published after that. The next board meeting will be in June.

Farnsworth Hangar Tour is May 21st. Leif has recruited hangar owners, extra volunteers are welcome to come and help out. Get in touch with Leif if you are available and interested in helping out.

Next Young Eagle event is Saturday, June 11th, volunteers should arrive at 8:00. Flights will begin at 8:30 this year to take advantage of calmer air in the morning. Pilots and ground crew are needed to help keep everyone safe and happy. A new sign has been ordered for Young Eagles and there are new business cards that can be shared.

Oshkosh Weekend Work Party Photo Right

Dave Voelker, Pat Moore, Dale Seitzer, Tom Gibbons and another volunteer.

Look for a full report next in next months newsletter



NASA's Crazy 18-Engine Electric Concept Plane Could Be the Future of Flying



The wing is in testing, while a concept plane could be just two years away

The good news for whichever test pilot winds up flying what NASA [hopes](#) will be an upcoming experimental aircraft? If they lose one engine, they'll have 17 more to fall back on.

NASA is testing an experimental 31-foot aircraft wing with 18 electric motors placed along the leading edge. The wing is made of carbon composite, while the electric engines are powered by lithium iron phosphate batteries. NASA says the unusual setup, called Leading Edge Asynchronous Propeller Technology (LEAPTech), could result in more energy-efficient and greener aircraft.

For now, NASA will test the new wing by mounting it on top of a truck and driving across a lakebed at up to 70 m.p.h., a slightly different approach compared to the wind tunnels typically used by aerospace engineers. But if all goes well, NASA says it hopes to install LEAPTech wings and engines on a modified Tecnam P2006T — a four-seater Italian aircraft that's typically powered by two traditional engines — within two years. The image above is a concept rendering.

While the 18-motor idea might sound a little strange, NASA is hopeful the technology could offer big benefits to commercial carriers, the military and travelers alike.



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