



The FLYING WIRE

The Newsletter of EAA Chapter 64

Serving Aviation in the Metro-East
Founded November 30, 1964 - Incorporated January 28, 1966

July Meeting: The next EAA Chapter 64 meeting will be held on Tuesday, 2 July 2024 at the Chapter Hangar/Clubhouse on the MILLSTADT FLIGHT PARK AIRPORT (1IL4). See last page of the newsletter for directions. Food will be served at 6:00 followed by the meeting at 7:00.

June Meeting Minutes

By Lee Hartley, Secretary



CALL TO ORDER:

Meeting called to order at 7:00 p.m. on 4 June 2024 by Bob Miller, Vice-President, sitting in for James McGhee, President. The meeting was held at the Flying Dutchman Airfield, visiting Al Bane's hangar projects.

ROLL CALL:

Officers present: Bob Miller, Don Karr, Lee Hartley, Kent Schmidt. We passed a sign-in roster around the room to get a head count, and had 22 folks sign in.

COMMENTS FROM THE PRESIDENT:

Bob started by thanking Al for the dinner and for inviting the group to his hangar.

Visitors and new members to tonight's dinner and meeting were:

- Matt. Working on his RV-10, is a pilot and working for a local airliner in St. Louis. He is here to check us out.
- Bill Herrens. An engineer at Boeing for about 40 years.
- Josie Schwable. After taking a discovery flight, Josie enrolled at SWIC for a pilot program. She will be starting in the fall semester.

APPROVAL OF MINUTES:

Mr. Miller moved right into the approval of the minutes. A motion was made, and seconded, then approved by the group at large.

SECRETARY'S REPORT:

No report at this time.

TREASURER'S REPORT:

Mr. Karr reported that we are in good standing at the moment, with a rough amount of \$24,000

in checking (mostly from the recent auction) and about \$50,000 in the investment account.

At this point, Mr. Karr wanted to acknowledge Craig Hayden for his contribution to the “Black Baud Group” at Boeing. We have been able to receive a \$50 contribution from this group for the last couple of months.

Jumping ahead, Mr. Miller also made a pitch for the Aero Careers’ J-4 Cub raffle. Prizes will be announced Labor Day Weekend.

Mr. Miller wanted to make some safety notes for the group. First, wear your safety goggles when working on equipment AND watch your hands! And second, with the fluctuating weather that has been in recent history, watch the weather. Mr. Miller wanted to reinforce pilot preparation for VFR flying in the changing conditions.

Mr. Miller wanted to pass out some upcoming events. These events include:

- Fly-in at Thacker Airfield (EAA Chapter 129, 11LL), June 7 & 8.
- Benton Airport food trucks, June 8
- Willow Springs, MO Air Show, June 7-9
- Kamaroo Farms Crawfish Boil, June 15
- Shumway Fly-in and breakfast, June 29. (Could be the last one since the airport is for sale)

OLD BUSINESS:

Mr. Miller put out another pitch for the upcoming elections in October. Anyone wishing to volunteer for an office, please let us know. Elections in Oct, new officers take office in December.

NEW BUSINESS:

No new business brought up at this meeting, but there a lot of events coming up in the near future:

FUND RAISERS:

Tonight, we offered both a 50/50 drawing and the AirVenture pass. The 50/50 winner, Ken Mitchell, donated back his winnings of \$76. Chuck Grider was the grand prize winner of the AirVenture tickets.

ACTIVITY REPORTS:

Young Eagles: We are finalizing an event for June to host the Strength and Honor group from St. Louis. Final information will be sent out.

We are also looking at another event in September.

PROJECTS:

Before getting into Al’s big projects, Mr. Miller opened the floor to the other builders who were present. Frank started with his RV-14A project. The seats are in, the interior is done, wings are going back on this week, and it should be inspected this month.

John Schaefer spoke on his Sopwith Camel project. He stated that the wings that were on the craft will be coming off in order to complete the final touches.

Al Bane was given the floor to discuss his projects. Before starting on the projects, Al announced that Mike Bossick has offered up a weeklong ticket to AirVenture for a raffle prize tonight. This ticket was won at the February 2024 LSA Symposium, but he is not able to attend.

Al's Fly Baby. Designed by Pete Bowers in the early 1960's, as a low-cost, easy to build aircraft and easy to transport. This design won the EAA competition that started it all. This project has gone through many hands and the major assembly was completed before Al acquired it. As of now, everything was all together and connected, already has conducted an engine test (using a Continental 85 that was obtained from a C-140) and has started the fabric covering.

Al's choice of fabric is the Super Flight fabric (same material that was donated for the Scrounge Dawg project) but is using the Stewart System materials for mounting. One wing is completed, and the other is in the works. The ailerons are completed, and also has the rudder and elevators completed.

He said that he noticed a modification at a recent fly-in he attended, so he is adding external stringers to add some body appearance.

Al also showed off his 1946 Aeronca Champ tail dragger. The big hit was the DeWalt Drill Starter! It was installed in accordance with the STC.

FINAL NOTES:

None

ADJOURNMENT:

With no further discussion and completing the two raffles, the meeting was adjourned around 7:40.

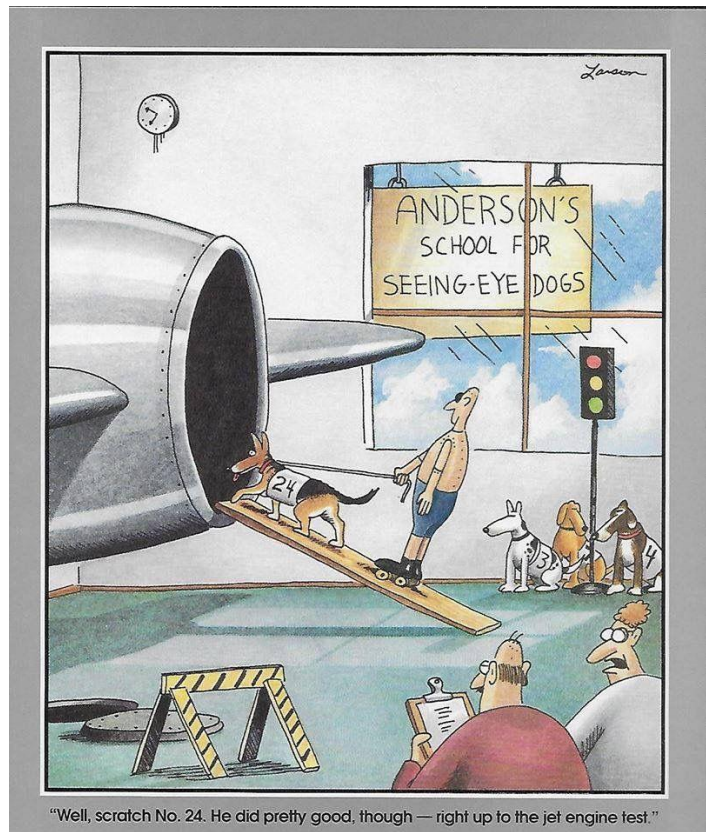
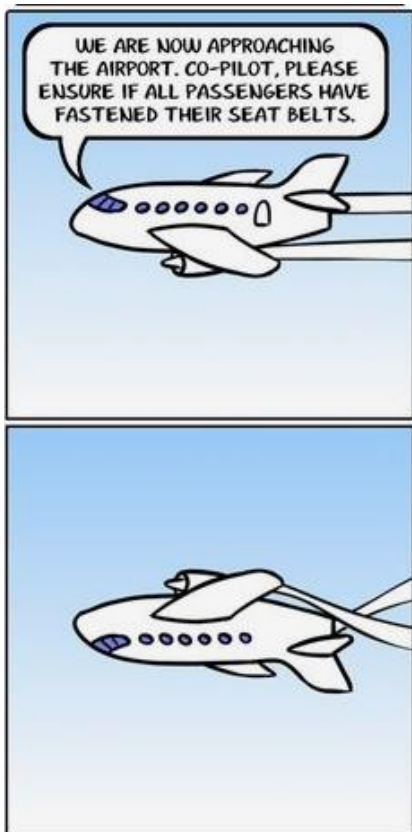


Monthly Chapter Meeting Food Schedule

Volunteers are needed for the rest of the year to bring food to our monthly chapter meetings. If you want to volunteer for a month, please let me (Al Bane, adb7@att.net) know and I'll list it here in the newsletter.

Volunteers are not expected to pay for the food themselves. Report your expenses to the Chapter Treasurer to ensure you are reimbursed.

January	Party
February	James McGhee
March	Al Bane
April	Diane Earhart
May	John and Liz Schaefer
June	Al Bane
July	Kent Schmidt
August	?
September	?
October	?
November	?
December	?



Photos From Kamaroo Farms Fly Out

Several Chapter 64 members (Bob Miller, Diana Votaw, John and Liz Schaefer, Mike Merkan, and Bill Aanstad) flew up to Kamaroo Farms on Saturday, June 15. These photos were taken by Bob Miller (from his YouTube video) and by Diana Votaw.











Win this J-4 Cub Coupe on Labor Day



Grand Prize

Piper J-4 Cub Coupe or \$25,000 Cash

2nd Prize: \$5000 Cash

3rd Prize: Lightspeed Delta Zulu ANR Headset

\$50 per ticket or 3 for \$125

CLICK HERE TO ENTER

**AeroCareers' mission is air & space
career education & mentoring.**

All funds support our 501(C)(3) charitable missions.

Enter the raffle at <https://rafflecreator.com/pages/52380/aerocareers-piper-j-4-cub-coupe-raffle> or scan the QR code at right.



2024 Calendar of Events

Date	Event	Time	Location
2 Jul 24	Monthly Meeting	7PM (food at 6PM)	Millstadt Flight Park (1IL4)
13 Jul 24	Second Saturday Food Truck Fly In and Cruise In	9AM -1PM	Benton IL (H96)
22-28 Jul 24	EAA AirVenture		Oshkosh WI
6 Aug 24	Monthly Meeting	7PM (food at 6PM)	Millstadt Flight Park (1IL4)
10 Aug	Second Saturday Food Truck Fly In and Cruise In	9AM -1PM	Benton IL (H96)
3 Sep 24	Monthly Meeting	7PM (food at 6PM)	Millstadt Flight Park (1IL4)
5-7 Sep 24	Midwest Aviation Expo		Mount Vernon IL (MVN)
28-29 Sep 24	28 th Annual Wings N Wheels Fly In	9AM -2PM	Alton IL (ALN)
1 Oct 24	Monthly Meeting	7PM (food at 6PM)	Millstadt Flight Park (1IL4)
5 Nov 24	Monthly Meeting (Officer Elections)	7PM (food at 6PM)	Millstadt Flight Park (1IL4)
3 Dec 24	Monthly Meeting	7PM (food at 6PM)	Millstadt Flight Park (1IL4)

Send notice of events to Al Bane (adb7@att.net)

I don't think I possess any skill that anyone else doesn't have. I've just had perhaps more of an opportunity, more of an exposure, and been fortunate to survive a lot of situations that many others weren't so lucky to make it. It's not how close you can get to the ground, but how precise you can fly the airplane. If you feel so careless with your life that you want to be the world's lowest flying aviator, you might do it for a while. But there are a great many former friends of mine who are no longer with us simply because they cut their margins too close.

— Bob Hoover



Pilot's Tip of the Week

<http://www.pilotworkshop.com/tips.htm>

A “Correct” Magneto Check?

Featuring Doug Stewart

“My airplane partner insists I check my right magneto before checking the left one. It seems like it shouldn't matter at all to me. Who's right?” – Dev S.

Doug:

“Mechanically, it doesn't matter which magneto you check first. As long as you check both you've accomplished the task.

However, there's a reason many manuals—and the Pilot Handbook of Aeronautical Knowledge—recommend checking the right magneto first, and then the left. Doing it in this order helps ensure *both* magnetos have been selected prior to takeoff.

When checking your mags, go *two* clicks to the left (which selects the right magneto), then back to both mags, then *one* click to the left (selecting the left magneto), and again back to both. This does not guarantee that you'll be on both magnetos when you take off, but it guards against the error of thinking you switched to back to “Both” for takeoff when you actually switched one click from “Right” to “Left.”



When we check the mags, we're checking three things. One is that the magneto grounding wires are still connected. If not connected, then there will be no drop in RPM when you select that magneto. Second is that the drop in RPM falls within the recommended limits as defined in the POH. This says the remaining mag can provide sufficient spark to keep our engine running, even if with less than full power. The third is that the differential drop between magnetos is within limits, which might clue us into a mistimed or other mag issue we should check out before the flight.

With only one mag, we have less power for takeoff. On more than one occasion, I've had an applicant take off with only the left magneto selected. For one applicant in a Cessna 150, the combination of a hot, humid day and only the left magneto selected resulted in an anemic climb rate of less than 75 FPM.

Luckily, the applicant recognized the error before I had to end the test.”

Another Pilot's Tip of the Week

<http://www.pilotworkshop.com/tips.htm>

Final Runway Checks

Featuring Wally Moran

"Are there any final checks I should make when turning onto the runway for takeoff?" – Bob S.

Wally:

"There are three things you should include.

First, take a look at that windsock. That's the best indicator of the wind you're going to have on your takeoff. It's usually close to the end of the runway, which is where you are right now. But changing wind conditions can mean what it showed two minutes ago might no longer be valid.

Second, check for traffic on final. That's essential at both towered and non-towered airports. Controllers can make mistakes just like pilots can.

Finally, check your heading when you line up on centerline. If it doesn't match the runway number, either your directional indicator is not set, or you've taken the wrong runway. That's an easier mistake than you'd think where two runways cross at a common starting point.

Anything else, such as pre-departure briefings or a check of the flight controls, can be done before announcing on the CTAF or calling Tower. I don't like to be sitting out on the runway any longer than I have to with my back to the traffic. And controllers don't appreciate aircraft that sit in place after a takeoff clearance unless the pilot told the controller he needs some time in position prior to rolling."



EAA Chapter 64 Treasurers Report for June 2024

By Don Karr, Treasurer

Treasurer's Report June 28, 2024

	Deposits	Withdrawals	Balance	Date
General Checking Account Balance			\$ 24,417.22	5/24/2024
Drive Belts for drill press Terry Ernst		\$ 34.29	\$ 24,382.93	6/4/2024
Dinner Paul Visk June 4 meeting	\$ 14.00		\$ 24,396.93	6/5/2024
James Snedden Membership	\$ 30.00		\$ 24,426.93	6/5/2024
Matt York Hangar Payments for June	\$ 140.00		\$ 24,566.93	6/5/2024
June 4 Monthly Meeting				
50/50 Drawing	\$ 151.00		\$ 24,717.93	6/5/2024
Dinner Income	\$ 180.00		\$ 24,897.93	6/5/2024
Membership- Corcoran,Pennel	\$ 60.00		\$ 24,957.93	6/5/2024
Membership- Grider,4th member	\$ 60.00		\$ 25,017.93	6/5/2024
Hangar Lease to AGCL, Inc. for May		\$ 492.40	\$ 24,525.53	6/11/2024
Phipps hangar payment for June	\$ 140.00		\$ 24,665.53	6/12/2024
April and May Averbeck Flight		\$ 780.00	\$ 23,885.53	6/14/2024
AeroCareers Share of N57172 Expense	\$ 84.69		\$ 23,970.22	6/17/2024
AeroCareers Hangar Rent April-June	\$ 420.00		\$ 24,390.22	6/17/2024
Blackbaud(Boeing) Donation	\$ 50.00		\$ 24,440.22	6/20/2024
Quickset Keys for door		\$ 17.61	\$ 24,422.61	6/21/2024
Kent Schmidt Tools for Chap 64		\$ 79.14	\$ 24,343.47	6/21/2024
Kent Schmidt Tools for Chap 64		\$ 1,810.55	\$ 22,532.92	6/21/2024
Ed Schertz Welding Gas		\$ 134.18	\$ 22,398.74	6/24/2024
Kent Schmidt Repairs to Hangar Door		\$ 151.56	\$ 22,247.18	6/27/2024
Petty Cash			\$ 205.71	6/28/2024
			\$ 149.91	6/12/2024
Cash from Clubhouse soda sales			\$ 55.80	
Edward Jones Investment Account			\$ 53,403.53	6/28/2024
			\$ 52,993.49	6/12/2024
			\$ 410.04	

Fly Market

Listings are free for EAA64 members-- Sell, Trade, Wanted.

For Sale: Karen Engelkenjohn would like to sell Dennis's Lincoln TIG 175 Square Wave welder. She is asking \$1,000. Email Karen if you are interested. kengelkenjohn@gmail.com



For Sale: Propeller: Sensenich wood W62HJ-46 (62-inch prop with 46-inch pitch) complete with crush plate, hardware, spinner, and spinner flange. Removed from a Zenith Zodiac 601 HDS with a Jabiru 2200 engine. \$550

Contact Mike 618-939-7574



EAA Chapter 64

(1IL4) Millstadt, IL

Web: <https://chapters.eaa.org/ea64>

Facebook: <https://www.facebook.com/EAA64/>

CONTACTS:

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Visit us on the Internet at: <https://chapters.eaa.org/ea64>. Send your photos, tips, stories, and files for sharing to Isaac Montague to post on the web page and to Al Bane for the newsletter. You can also post information on the Chapter's Facebook page: <https://www.facebook.com/EAA64/>. Contact info is shown above.



Directions to EAA Chapter 64 Hangar/Clubhouse

The Flight Park (1IL4) is located 4 miles SW of Millstadt at 5949 Bohleysville Road, Millstadt, IL.

FROM BELLEVILLE: Take 158 west past Millstadt to Roenicke Rd. (approximately 8 miles.) Turn left on Roenicke for 1.8 miles. Turn Right onto Bohleysville Rd. and go 0.2 mile. Look for the big tree on the left and turn left into the gravel drive.

FROM COLUMBIA: Take Rt 3 through Columbia and take Rt 158 toward Millstadt. Drive 2.9 miles to the intersection where Triple Lakes Rd crosses 158 and becomes Bohleysville Rd—the Farmers Inn will be on your left. Turn right onto Bohleysville Rd. Go 1 mile and turn left at the T-intersection. Continue another 0.9 mile. After you go around an S-curve, you'll see the grass runway on your right. Turn right into the gravel driveway by the big tree and continue to the hangar.

FROM CAHOKIA: Take Triple Lakes Road (by the old Cahokia bowling alley.) When you get to highway 158 with the Farmers Inn on your left, continue straight onto Bohleysville Rd. Go 1 mile and turn left at the T-intersection. Continue another 0.9 mile. After you go around an S-curve, you'll see the grass runway on your right. Turn right into the gravel driveway by the big tree and continue to the hangar.

PARKING: There is limited paved parking area in front of the hangar. It's ok to park on the grass or on the gravel parking area in front of the other hangars. Do not block the gravel driveway. It is used by big and wide farm equipment.

AIRPORT DATA

Field Elevation: 631' MSL - - - Traffic Pattern Altitude: 1,630' MSL - - - CTAF: 122.9
(Call "*Flight Park Traffic*")

N38° 25.12' / W90° 07.87'

Airport Identifier: 1IL4

RUNWAY 24: Left Traffic. 2,300' available for takeoff; 2,042' available for landing beyond 258' displaced threshold.

RUNWAY 06: Left Traffic. 2,300' available.

NOISE SENSITIVE AREA: AVOID OVERFLIGHT OF ALL HOMES, BUILDINGS, AND LIVESTOCK. A modified straight-in approach is recommended. Do not fly multiple patterns.