



The FLYING WIRE

The Newsletter of EAA Chapter 64

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

February Meeting: The next EAA Chapter 64 meeting will be held on **Tuesday, 1 February 2022** at the **Chapter Hangar/Clubhouse on the MILLSTADT FLIGHT PARK AIRPORT (11L4)**. See last page of the newsletter for directions. Food will be served at 6:00 followed by the meeting at 7:00.

January Meeting (Annual Holiday Party) Minutes

By **Lee Hartley, Secretary**

CALL TO ORDER:

Meeting called to order at 7 p.m. on Saturday, January 15, 2022 by Dennis Engelkenjohn (Pres.). Meeting was held at the Belle Court Banquet Hall, Belleville IL.

ROLL CALL:

Officers present: Dennis Engelkenjohn (Pres.), Lee Hartley (Sec.) and Paul Visk (Tres.) present. This evening is the annual Chapter Holiday Party so no attendance count was made.

ESTABLISH QUORUM:

Not required.

COMMENTS FROM THE PRESIDENT:

Dennis' opening comments included thanks to the following folks:

- Mike Lotz for volunteering to fulfill the Vice President's term in the absence of Isaac Montague, who will be deploying as part of his military unit.
- Isaac Montague for his service and time as Chapter V. P.
- Al Bane for his work in setting up the party and his continued work on the newsletter.
- Kent Schmit for his effort to give the chapter a usable paint booth - it is a work of art!

Mr. Engelkenjohn also congratulated the Southwestern Illinois College (SWIC) Flight Program for winning the 2020-2021 Spirit of Flight award for the St. Louis area.

APPROVAL OF MINUTES:

Motion made by Ed Ruse gave 1st motion, unknown individual made 2nd motion. Minutes approved.

SECRETARY'S REPORT:

The secretary reported that the work on the by-laws was progressing a little slower than expected but should be ready in a few weeks for distribution.

TREASURER'S REPORT:

The report is in the newsletter. Mr. Visk reminded all members about paying their 2022 yearly dues.

OLD BUSINESS:

No other business was presented due to the occasion of the evening, that being the holiday party/dinner.

NEW BUSINESS:

No new business was brought up at this time.

ACTIVITY REPORTS:

In-lieu of activity reports, Mr. Engelkenjohn introduced tonight's special speaker.

PRESENTERS:

Mr. Craig O'Mara, a retired Air Force pilot, retired commercial airline pilot, and a former N.A.S.A. pilot, gave us a presentation on N.A.S.A.'s "SOFIA" Project and aircraft.

In short, SOFIA (Stratospheric Observatory for Infrared Astronomy) is a joint program between NASA and the German Aerospace Center (DLR) and is a telescope capable of making observations from onboard an airplane. SOFIA is comprised of a Boeing 747SP aircraft modified to accommodate a 2.5 meter gyro-stabilized telescope.

Secretary's note: for a better understanding of SOFIA, please visit:

https://www.nasa.gov/mission_pages/SOFIA/overview/index.html

Mr. O'Mara talked about his entering service with N.A.S.A., and the 3 categories of N.A.S.A. pilots: Astronauts, Test Pilots, and Science Flight Pilots. SOFIA fell under the Science Flight group (which is also broken down into three groups: Science, Astro Physics, and Research/Flight Test).

He described SOFIA as a modified 747SP, which Boeing produced only 45 such aircraft, with a 100" telescope that viewed space through an 18 x 23 garage door that opens on the side of the aircraft.

It was a very educational and interesting presentation, with topics covering the construction of the flying telescope, mission planning and flying, and some actual photos obtained from in flight.

FUND RAISING:

Mr. Jeremy Cox was the official two-time winner of the 50/50 drawing. He readily donated

his earnings back to the club.

Aside from the 50/50, the party also conducted a silent auction with gifts and prizes donated by chapter members.

ADJOURNMENT:

The gathering was adjourned after the presentation was given and the 50/50 had been drawn. Adjournment time was not recorded for this meeting.

Chapter Party a Big Success!

Everyone I spoke to had a good time at the chapter party on Saturday, January 15 at the Bellecourt Banquet Center in Belleville. Approximately 35 members and guests were able to attend. A big thank you to our guest speaker, Mr. Craig O'Mara for his very interesting and informative presentation.

Also, thanks go out to Diane Earhart, Bob McDaniel, John and Liz Schaefer, and the Flying Dutchman Airport for their generous donations for the silent auction where we raised \$180.

Here are a few images from Craig's presentation for those not able to attend.

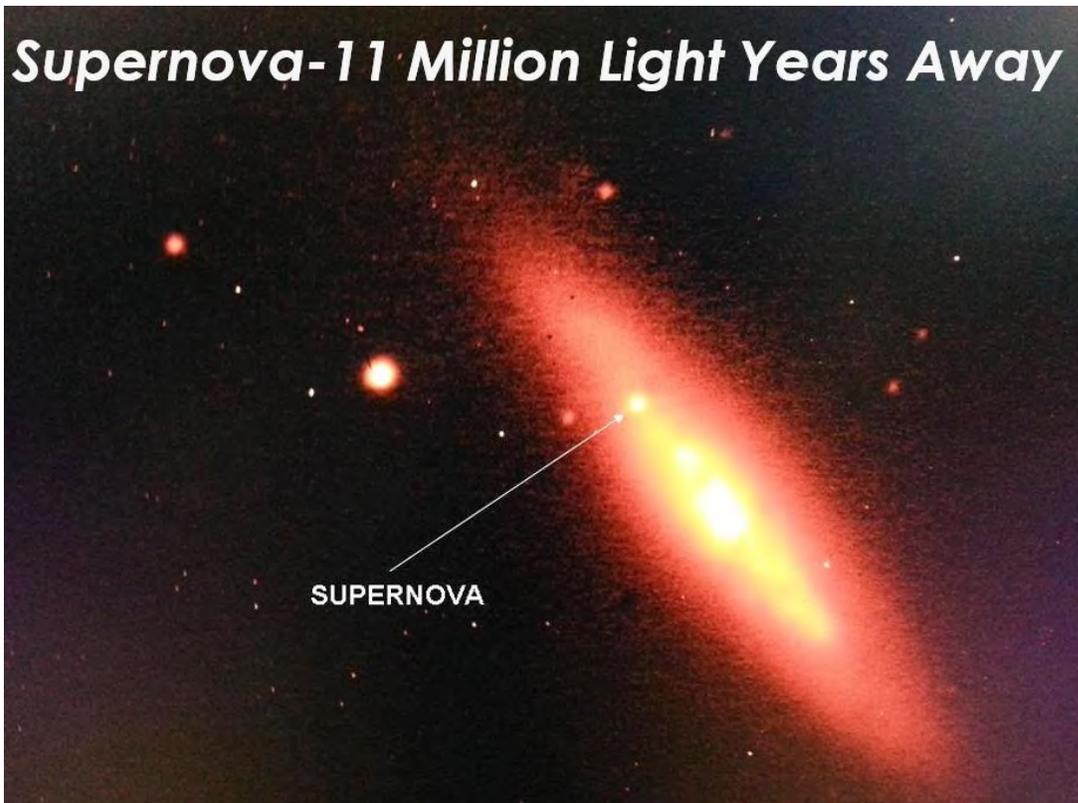








Supernova-11 Million Light Years Away





Chapter By Laws Being Revised

Chapter Secretary, Lee Hartley has asked me to publish the revised chapter by laws for your review and comment in accordance with the current by laws. The new document will be voted on for approval at a future meeting after comments have been received.

The 10-page chapter by laws document is posted at the end of this newsletter.

Kaitlyn “KC” Robinson Earns Private Pilot License



Congratulations go out to our newest private pilot, KC Robinson! KC was the chapter's latest recipient of the coveted EAA Ray Scholarship. Well done! I understand she is already giving rides to her family and friends. Expecting more greatness in the future!



Nathaniel Young Selected as Chapter 64's Next Ray Aviation Scholar

Congratulations Nathaniel! Nathaniel has already soloed in the Piper Cub last summer and has logged student pilot time in a number of different aircraft. Good luck with your training!



Monthly Chapter Meeting Food Schedule

Thanks to the following volunteers to bring food to the monthly meetings. If you have volunteered and find you are unable to attend, please contact someone else on the list to see if you can trade months, or at least let a Chapter Officer know. Also, please report your expenses to Treasurer Paul Visk to ensure you are reimbursed.

There are still several openings. If you can volunteer for one of the open months, send me an email (adb7@att.net) and I'll add you to the list.

January	Party
February	Paul Visk
March	Al Bane
April	Jeremy Cox
May	????
June	James McGhee
July	????
August	????
September	Bob McDaniel
October	Don Karr
November	Tom Murrell
December	????

Midwest Flyer Magazine is FREE!

Midwest Flyer Magazine is a free, online magazine covering interesting aviation topics around our region. Please share with your friends and encourage them to [subscribe](#) to get notifications on the latest issue and news.

You can view and print the current issue that includes articles on St. Louis Downtown and MidAmerica Airports at <https://midwestflyer.com/wp-content/uploads/2022/01/MFM-FebMarch-2022-Web-Interactive-PDF.pdf>



AEROCAREERS AIRCRAFT RAFFLE



GRAND PRIZE: 1946 ERCOUE 415-C AIRCRAFT or \$20,000 CASH



**SECOND PRIZE:
LEVEL AVIATION
BROADCASTING OUTER MODULE (BOM)**



**THIRD PRIZE:
LIGHTSPEED ZULU 3 ANR HEADSET**

\$50 per Ticket or 3 for \$125

Scan the QR Code at right or go to
rafflecreator.com/pages/52380/aerocareers-aircraft-raffle
to purchase tickets and see all the details.

Winners will be drawn June 1, 2022



AeroCareers is a 501(c)(3) not-for-profit, tax-exempt charitable and educational corporation. Our mission is air and space career education, networking, and mentoring. One-hundred percent of our funds are used to support our educational and charitable missions. To learn more about our organization, visit <http://aerocareers.org/>.

AMERICAN LEGION POST 297 UNION MO

21 and Older

DOORS OPEN 6:00 PM FIRST RACE 7:00

SATURDAY FEB. 5, 2022

SON'S OF AMERICAN LEGION/EAA1402

ANNUAL MOUSE RACE FUNDRAISER



AMERICAN LEGION
POST 297 –UNION MO

COST \$25 PER PERSON OR
\$200 FOR TABLE OF 10

\$30 Person at the Door

BEER/SODA INCLUDED

BRING YOUR OWN SNACKS –

NAME A MOUSE FOR CHANCE OF FINAL RACE PRIZE

MOUSE ROULETTE PLINKO

REGISTER EARLY!!

Register sending email to

EAACHAPTER1402@GMAIL.COM

OR CALL PETE 314-422-5212

Pilot's Tip of the Week

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

Should Pilots Worry About 5G?

Featuring Bruce Williams

"I've read about 5G interfering with avionics. Does this mean I can't use my 5G phone in the air?" – Bobby M.

Bruce:

"This is really a two-part question. FAA is concerned that 5G signals may interfere with radar altimeters. Unless you have a radar altimeter in the panel, fly approaches to CAT II or CAT III minimums, or own an airplane with emergency autoland, interference from 5G towers shouldn't be an issue.

Using a 5G phone in flight still may be a problem. FAA doesn't explicitly forbid using a cell phone during flight. Instead, FAA addresses the use of all portable electronic devices in AC 91.21D. If you operate under Part 91, the advisory circular essentially says that, as PIC, you should conduct tests—while VFR—to confirm that everything plays well together in the aircraft that you fly. If you upgrade to a 5G device, it's prudent to repeat those tests.

The AC also cites and endorses long-standing FCC regulations that prohibit making calls while airborne, unless the phone is connected through an approved system installed in the aircraft. FCC's primary concern seems to be interference with the cellular network on the *ground*, which isn't designed to handle fast-moving signals that boing from tower to tower like pinballs.

Recent experience using modern personal electronic devices, especially EFBs, indicates that they don't interfere with contemporary avionics. Instead, the issues with making a phone call while flying seem to be establishing and maintaining a reliable connection to the cell towers below.

Pilots have debated the FCC rules for a long time. However, your primary concern about airborne cell phones probably shouldn't be conflicting radio signals or hearing only every third word of a conversation. Using a cell phone to send a text or to take photos and video can cause much more serious interference—by distracting you from your primary task: Flying the airplane."



Another Pilot's Tip of the Week

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

How to Handle a CO Alarm

Featuring Jeff Van West

"We just put a carbon monoxide detector in our airplane—and it goes off on almost every landing. Our mechanic can't find any heater leaks. Do we have a problem, or should we just ignore the beeping on landing?" – Jesse D.

Jeff:

"This is more common than you might imagine. But before I address your situation with nuisance alarms, let me say three things:

First: If you ever get a carbon monoxide (CO) alarm out of the blue and you don't know why, turn off any heat, land, get some fresh air, and check out the problem. You did the right thing by having your mechanic check for leaks in your exhaust system.

Second: There's a bunch of conflicting data out there about an 'acceptable' level of CO. Err on the conservative side. Altitude already reduces oxygen availability in your lungs and flying demands more mental acuity than watching TV.

Third: The impact of CO is cumulative. While even a low level can add up over a multi-hour flight, a brief spike during landing is unlikely to cause problems.

So ... what's happening with your airplane?

Airflow over the fuselage changes with airspeed and configuration, and more exhaust gas might enter the cabin in certain situations. High power and low airspeed (high angle of attack), such as during slow flight, is a common cause. It can happen during landing, too. Don't panic. Your airplane has probably had this CO situation the entire time you've owned it. You just didn't know until installing the detector. Transient CO spikes aren't that hazardous because you don't stay in that condition long enough.

That said, ignoring an alarm is never a good policy, in my opinion. Some consumer CO detectors alert as low as 35 parts per million (ppm) of CO. For some airplanes—yours included—that's low enough to trip during normal flight operations. If you can, try a higher threshold for the alarm—but *no higher than 70 ppm*. The Consumer Product Safety Commission, and others, use



that number as a threshold for noticeable effects on the general population. Ideally, you won't have to go even that high. If you're still getting alerts at 70 ppm every time you land, you should investigate further.

I'm also assuming the CO level drops to zero (or near zero) during other phases of flight. If you're seeing even 20 ppm in cruise flight, it's worth digging deeper. If the CO level is independent of the aircraft heat being on or off, there could be cracks in the exhaust system outside of the heater shroud, deteriorated seals where items pass through the firewall, or even excessive gaps around the cabin doors.

Finally, consider a CO level over 100 ppm in an airplane an urgent situation. Land as soon as practical. If you need priority to reach the ground sooner, declare an emergency to do so. CO poisoning is insidious: The longer you're exposed, the worse it gets, and the worse your facilities become to deal with it."

Scrounge Dawg Pietenpol Appears in *Sport Aviation*

A photo of the Scrounge Dawg Pietenpol, flown by Bob Miller, appeared in the January 2022 issue of *Sport Aviation* (page 85). It was included in an article called "Light Flyers of Oshkosh, The Fun Fly Zone at AirVenture 2021".



EAA Chapter 64 Treasurers Report for January 2022

By Paul Visk, Treasurer

EAA Chapter 64 Profit & Loss January through December 2021

	Jan - Dec 21
Ordinary Income/Expense	
Income	
50\50	262.00
Donations	
C-172 Project	23.00
C-172 project expence	-60.00
Donations - Other	200.00
Total Donations	163.00
Food	883.00
Fundraisers	
Chili Fundraiser Sep 2021	176.00
Pancake Breakfast	586.00
Pancake Breakfast 8/28/2...	556.00
Total Fundraisers	1,318.00
Hangar Rent	6,615.00
Membership Dues	1,582.71
Sale of Axel and wheel	150.00
Sale of prop	100.00
Sale of wheels	100.00
Soda	199.65
Total Income	11,373.36
Uncategorized Income	0.00
Total Income	11,373.36
Gross Profit	11,373.36
Expense	
Hangar	
Construction supplies	157.10
Hangar lease payment	5,304.36
Total Hangar	5,461.46
Reconciliation Discrepancies	2,070.69
Scholarship	
Chapter 64 Scholarships	7,420.00
Ray Aviation Scholarship	-4,000.00
Total Scholarship	3,420.00
Young Eagles	
Reimbursement	223.11
Young Eagles Donations	-300.00
Total Young Eagles	-76.89
Total Expense	10,875.26
Net Ordinary Income	498.10
Net Income	498.10

** Edward Jones Account \$58,280.68

Fly Market

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

FOR SALE: Jabiru 2200A engine with many FWF components for Zenith 601,701,650, and 750 including: engine mount with hardware, exhaust system and heat shield, propeller with hardware, prop hub extension, spinner and flange, air box with K&N filter, scat tubing, cooling ducts and oil cooler, logbooks for prop and engine.

Engine was removed from a 601 HDS. On its last flight it developed an oil leak, and some smoke came into the cockpit. The plane was flown safely back to the airfield and then to a nearby airfield where an A&P mechanic inspected it and determined the engine needed to be torn down to evaluate the problem. I was already thinking about a different engine, so I decided to just remove the Jab rather than pay to have it torn down for evaluation and repair. It may or may not need a complete overhaul. Buyer should assume that it does and I'm pricing it as such. Asking \$4,500 for everything. Will separate. Contact Mike 618-939-7574

Engine serial number: 22A2463 - approximately 350 hours

Propeller: Sensenich wood W62HJ-46 (62-inch prop with 46-inch pitch)



HANGAR FOR RENT: Hangar available at Jerseyville just \$70 per month. Fuel available on field. While mostly a GA aircraft facility, ultralights are welcome. Contact Bert Hampton 618-558-3271



EAA Chapter 64

(11L4) Millstadt, IL

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

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

CONTACTS:

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Secretary: Lee Hartley EAACh64Secretary@gmail.com

Treasurer: Paul Visk ppaulvsk@gmail.com

Young Eagles: Bob McDaniel dusterpilot@charter.net

Webmaster: Isaac Montague idmontague@gmail.com

Newsletter: Al Bane adb7@att.net

Membership: Bill Aanstad aanstadw@yahoo.com



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 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'

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.

SUMMARY OF CHANGES

EAA Chapter 64 Proposed changes Feb 2022

Reasons for these changes/updates to the current March 6, 2012 By-laws are due to several factors. The primary factors are:

- 1 – Change of business address/location
- 2 – Current lease agreement for hangar/clubhouse
- 3 – Hangar operations
- 4 – Incorporate EAA best practices

Changes:

Article 1 (2): Added. Authority of rule/law precedence

Article 2 / Article 3: Updated. Switch position to follow HQ EAA template

Article 3: Update business location / hangar address

Article 4: Updated. Updated Membership to align with HQ EAA definitions, rules and guidance. Also included “experimental” aviation along with “recreational” aviation. Added (2) additional membership classifications as shown in EAA’s Roster Management, along with EAA membership as noted in Roster Management.

Article 5 (1): Added. Assessments approval by membership added from EAA template. I choose a majority over EAA’s $\frac{3}{4}$ rule.

Article 6 (1): Updated. Changed primary meeting location to new clubhouse address.

Article 6 (8): Added. Gives the hierarchy of who shall run a meeting.

Article 11 (1): Added. An attempt to prevent loss of continuity of operations and knowledge. All other paragraphs renumbered.

Article 15 (in whole): Added. Hangar Lease Operations. Needs discussion and approval. Following articles are renumbered.

Article 16 (2): Added. Amendment process introduced

Article 16 (3): Added in whole; amendment process. (Taken from Ch 461 revised By-laws, 2021)

BY-LAWS (REVISED)
Experimental Aircraft Association,
East Side Chapter 64, Inc

DATE: February 1, 2022

Article I. Name:

1. The Name of the Chapter shall be Experimental Aircraft Association (here after called "EAA"), EAST SIDE CHAPTER 64 (referred to as "Chapter"). The Chapter is incorporated under the laws of the State of Illinois as non-profit, non-stock.
2. If there is a conflict between a provision of these By-laws and a mandatory provision of the Articles of Incorporation, the Articles of Incorporation shall control. If there is a conflict between a provision of these By-laws and a mandatory provision of the laws of Illinois, the mandatory provision of the laws of Illinois shall control.

Article II. Purpose:

The purpose of this Chapter is to:

1. Promote, encourage, and facilitate an environment that fosters safety and high standards in the design, construction, restoration, and operation of all types of recreational aircraft.
2. Support and promote the mission, vision, goals, and objectives of the EAA through programs and services within the Chapter.
3. Have fun!

Article III. Location:

The office for the transaction of business for the Chapter shall be located at:
Millstadt Flight Park, 5949 Bohleysville Road, Millstadt, IL. 62260.

Article IV. Membership:

1. Eligibility for membership in the Chapter is open to any person who has an interest in experimental or recreational aviation. There are three (5) types of Chapter Memberships.
 - (A) Regular Membership: A Regular Member shall be any person who pays Chapter dues and is a Member in good standing of EAA.
 - (B) Family Membership: A Family Chapter Membership shall be any family, including parents, and children, who pay the appropriate Chapter Membership dues and are Family Members of EAA.
 - (C) Honorary Membership: An Honorary Member shall be any person to whom the Board of Directors or Membership wishes to extend an Honorary Membership. Honorary Chapter Memberships may be given

in recognition or appreciation of the support that person has provided to the Chapter. Honorary Members MAY NOT HOLD any elected or appointed Office or Position, nor are they entitled to any voting privileges within the Chapter. Honorary Members are not required to be members of EAA, but the Chapter Office at EAA Headquarters will extend a complimentary one-year EAA Membership to any Honorary Chapter Member upon written request.

(D) Life Membership: A Life Membership may be bestowed on an individual Chapter Member at the discretion of the Officers, Board of Directors, or Membership. A Life Membership recognizes the long-term commitment to EAA and the Chapter made by the individual. A Life Member may hold any Office, shall have full voting privileges within the Chapter, and is exempt from annual Chapter dues. All Life Chapter Members must be members in good standing of EAA.

(E) Student Membership: Individuals aged 8 to 17 may receive a no-cost student membership to EAA Chapter 64 when they:

1. Complete a Young Eagles flight as a participant, and
 2. Sign up for an EAA membership (may be a student membership) as evidenced by the issuance of a membership identification number, and
 3. Attend at least one chapter event other than a regular meeting.
2. The Duration of a Regular Membership shall be one (1) calendar year, beginning January 1st and ending December 31st.
 3. Life Membership is continuous for the life of that member and is not transferable.
 4. All Members with voting privileges (Regular, Family (excluding Children under 18 years of age), Special and Life Chapter Members) must maintain a current membership with the EAA.
 5. Any Member, who by intentional, negligent, or reckless deed or action, harms or jeopardizes the reputation or assets of the Chapter or EAA, may be called before the Board of Directors for review. Upon conclusion of a review, the Board of Directors upon finding reasonable cause, recommend to the Membership that said member be removed from Membership. Said Member may then be removed, by a majority vote of eligible members at any regular or special Chapter Meeting where a quorum exists.
 6. Any Chapter Member who fails to remit their Chapter Membership dues or fails to maintain their Membership with EAA shall be considered removed from Chapter Membership.
 7. Dues are payable January 1st. Chapter Members will be terminated for non-payment of dues effective March 1st.

Article V. Membership Dues and Assessments:

1. The Board of Directors, with the concurrence of the Membership, will determine appropriate dues and assessments. Assessments may be made as determined by the Board of Directors, with the majority concurrence of the Membership.
2. The proposed dues or assessment must pass by a majority vote (51%) of eligible Members in attendance at a regularly scheduled meeting.

3. Dues and assessments shall be considered wholly earned and shall not be pro-rated in the event of expulsion or resignation.
4. Honorary Members shall not be required to pay any dues or assessments.
5. Life Chapter Members, while not required to pay dues, may be required to pay assessments and maintain membership in EAA.

Article VI. Meetings:

1. Regular meetings of the Chapter shall be held at the Millstadt Flight Park Clubhouse, 5949 Bohleysville Road, Millstadt, IL. 62260 every first Tuesday of the month.
2. Notice of any change to the Regular Meeting time, place, or date shall be given before such meeting by notice published in the Chapter newsletter, or posting on the Chapter's web site, direct phone, fax, text or e-mail contact to the membership.
3. Special Meetings may be held at such time and place as the President may determine or by a two-thirds (2/3) majority of the Board of Directors.
4. Notice of Special Meetings, stating the location, time, and purpose of the meeting shall be given in the same manner as the notice required for the regular meetings.
5. A quorum is required for any Chapter Meeting. A quorum shall consist of at least one third (1/3) of the Members, as documented as of the February Membership Rolls in person OR not less than 10 Chapter Members, whichever is lesser.
6. A simple majority of Members eligible to vote and present, is required for the adoption of any resolution.
7. A resolution that calls for the Chapter to separate its relationship with the EAA shall require a majority of not less than eighty percent (80%) of the members eligible to vote, be present for the adoption such resolution.
8. The President, or in his/her absence the Vice President, or in the absence of both the President and Vice President, the Secretary, or in the absence of the President, Vice President and Secretary, the Treasurer, or in the absence of all officers, a chairman elected by the members present shall call the meeting to order and shall act as the presiding officer thereof.

Article VII. The Chapter Officers:

1. The Chapter Officers shall be:
 - (A) President
 - (B) Vice President
 - (C) Secretary
 - (D) Treasurer
2. The term of office for all Officers shall be two (2) years.

3. Officers must be 18 years of age or older.
4. The Officers shall be elected at the regularly scheduled November Meeting. Installation of Officers shall be at the December Meeting following their election, but no later than January 1st following their election.
5. The Treasurer may be bonded in an amount to be determined by the Officers. The premium to bond the Treasurer shall be at the expense of the Chapter.

Article VIII. Duties of the Officers

The following duties shall be performed by the Officers:

1. The President shall be the Chief Executive Officer and Chairperson of the Board of Directors. The President shall have, subject to the advice, direction, and control of the Board of Directors, general charge of the Chapter business. The President shall jointly execute with the Secretary all contracts and instruments which have first been approved by the Board of Directors. The President may call any Special Meeting of the Board of Directors and/or general Membership. In case of the absence or disability of the Treasurer, the President may execute checks for expenditures authorized by the Board of Directors. In such circumstances, either the Vice President or Secretary shall be called upon to co-execute such checks.
2. The Vice President shall be vested with all the powers and authority of the President and shall perform the duties of the President in the case of the President's absence, disability, or inability, for any reason. The Vice President shall also perform such duties connected with the operations of the Chapter at the suggestion or direction of the President. The Vice President may annually recruit a certified public accountant or an appropriate group of Chapter Members to verify that the financial records of the Chapter are in order (see Article XIII)
3. The Secretary shall have the responsibility to take and publish minutes of all meetings. The Secretary is responsible for publishing notice of all regularly scheduled Membership and Board of Directors Meetings. Additionally, the Secretary is also responsible for publishing notice of Special Meetings. The Secretary shall, in cooperation with the Treasurer, keep a Chapter Membership Book, Roster or Record showing the name of each Chapter Member. The Secretary shall also be responsible for maintaining the currency and security of the original copies of the Chapter By-laws, Non-profit Incorporation documents, tax-exemption documents, Federal Employer Identification Number (FEIN), and any other documents, books, papers, and records as the Chapter Officers or Board of Directors direct. The Secretary shall jointly execute, along with the President, all contracts and instruments that have been first approved by the Board of Directors. The Secretary shall perform all other duties incident to the Office of Chapter Secretary, subject to the control of the President and the Board of Directors.
4. The Treasurer shall execute all checks authorized by the Board of Directors. The Treasurer shall receive and deposit all funds in a financial institution recognized by the Federal Deposit Insurance Corporation (FDIC) (for U.S. Chapters) and approved by the Board of Directors. The Treasurer shall also account for all receipts, disbursements, and the balance of funds on hand. The Treasurer shall ensure the Chapter obtains and maintains a Federal Employer Identification Number (FEIN). The Treasurer shall be responsible for the accurate maintenance of all insurance records, including the proper application, binding, and premium payment for all necessary insurance required by the EAA. By resolution of the Board of Directors, the Chapter may require joint signatures on all checks drawn on Chapter accounts.

5. The Officers may, from time to time, be called upon to perform additional duties at their discretion, and in conjunction with direction from the Board of Directors, for the betterment, improvement, and wellbeing of the Chapter.

Article IX. Chapter Board of Directors

1. The business and property of the Chapter shall be conducted and controlled by the Board of Directors.
2. The Board of Directors shall consist of the following: President, Vice President, Secretary, Treasurer, the immediate past President, and the Chairperson of each Standing Committee, as defined in Article XIV.
3. The President shall preside over the Chapter Board of Directors as its Chairperson.
4. Meetings of the Board of Directors may be called at any time by the President or by a two-thirds (2/3) majority of the Board of Directors.
5. Notice of Meetings of the Board of Directors, stating the time and place of the meeting may be made by any appropriate means, including phone, fax, e-mail or text.
6. If a quorum of Members of the Board of Directors is present at a meeting, any business of the organization may be transacted without previous notice of the meeting's agenda. A simple majority of the Board of Directors, at least two (2) of which shall be Elected Officers, shall constitute a quorum of the Board of Directors.
7. The Board of Directors shall have the power and authority to enforce all rules and regulations pertaining to the use and operation of the Chapter's property.

Article X. Vacancies

1. If the office of President, Vice President, Secretary, or Treasurer becomes vacant for any reason, the Board of Directors shall elect a successor who shall hold the office for the remainder of the normal term, or at the option of the Board of Directors, hold a special election to fill the vacancy(s).
2. If a Standing Committee Chairperson's position becomes vacant, the President shall fill the position as provided for in Article XIV.

Article XI. Elections

1. Elections shall be scheduled to prevent more than a 50% turn-over rate.
2. The President may appoint a Nominating Committee made up of at least three (3) Members. The appointment of the Nominating Committee shall take place no later than July.
3. The Nominating Committee shall canvas the current Officers to determine if they wish to seek re-election to their current position or be nominated for any other position. The Nominating Committee shall also canvas all Members at large seeking any Member who may be interested and who are eligible to run for an elected position.

4. At the October Chapter Meeting the Nominating Committee shall present to the Membership the nominations they have obtained. In addition, open nominations may be accepted from Members during the October Chapter Meeting.
5. Nominations may close as of the end of the October Chapter Meeting. After which, a slate of nominees shall be published in the Chapter Newsletter and posted to the Chapter Web Site.
6. Election of Officers will take place at the November Membership Meeting by written secret ballot.
7. The Secretary, in cooperation with the Board of Directors and the Nominating Committee, may develop and implement an alternative election process to allow all members to vote by electronic proxy. Such process shall be reviewed and approved by the Membership no later than the October Meeting.
8. All newly elected Officers shall assume their responsibilities at the end of the December Meeting, but no later than January 1.

Article XII. Transition of Leadership

The immediate past President shall serve as a member of the Board of Directors during the term of his immediate successor.

Article XIII. Financial Reports

1. The Treasurer shall report the previous month's income and disbursements, as they relate to the annual budget, at each Regular meeting of the Membership.
2. The Treasurer and the Chairperson of the Finance and Trust Fund Committee shall prepare a semi-annual and an annual financial statement on the financial status of the Chapter. This Financial Statement shall be presented to the Members, either by oral presentation at a Chapter Meeting and/or by publication in the Chapter Newsletter and/or by electronic posting to the Chapter's Web Site, or a combination of any or all of the afore mentioned.
3. On behalf of the Board of Directors, the Vice President shall arrange annually to have the financial records and practices of the Chapter verified. The Board of Directors shall report to the Membership the result of this review.

Article XIV. Standing and Organization Committees

1. The Board of Directors shall establish and maintain the following Standing Committees:
 - (A) Finance and Trust Funds
 - (B) Facilities, Tools, and Properties
 - (C) Flight Activities and Young Eagles
2. The Chairperson of each Standing Committee shall be appointed annually by the Chapter President.

3. The President and/or the Board of Directors may establish other ad hoc organization committees, as it deems necessary. Any ad hoc committees established shall be responsible for reporting their activities directly to the President and the Board of Directors.
4. Chairpersons of Ad Hoc Committees do not serve on the Chapter's Board of Directors.
5. The Chapter may sponsor specific subsidiary organizations where the membership of such organization is composed of at least 60% Chapter Members, and the function of such organization is compatible with the goals, vision, and purpose of the Chapter, with the provision that any such group must maintain fully segregated accounting of monies, assets, insurances, and organizational structure. Any group so sponsored by the Chapter, shall be granted one seat each on the Board of Directors. The purpose of the seat is to insure clear liaison between the Chapter and the group. While the seat is advisory in nature, the Board of Directors may, at its discretion, grant the seat voting privileges.

Article XV. Hangar Lease Operations

1. The Board of Directors will present to the members at the December meeting the recommended hangar lease rental rates for the following year. This rate will be determined by the Board after review of current expenses associated with aircraft storage.
2. The Board will have sole responsibility for the creation or updating of any hangar lease agreements, abiding with any local or state requirements.
3. The Treasurer will maintain files of all active lease agreements, and as such be responsible for collection of payments, updating files relating to the individual leases, notifying tenants of late payments, and preparation of lease cancelation action due to default.
4. It is with good faith of the membership that any craft stored at Flight Park will not be altered or damaged by preventable means. Membership understands any movement of other's aircraft will be done after consultation with the aircraft owner(s). The restrictions of aircraft movement can be negated in the following instances:
 - (A) Another pilot needs to move an aircraft to remove or return his craft to a leased position.
 - (B) Hangar emergency repairs. Due to natural disaster or human intervention. Stored aircraft will be moved to protect the property so emergency repairs can be completed. Owners should be contacted by the quickest means possible to report the occurrence, status of their craft, and actions taken by the Chapter.
 - (C) Hangar scheduled maintenance. There will be times that the Chapter schedules hangar maintenance, in whole or part. The affected owners will be notified when the schedule is confirmed, either by text, email, or postal mail. Phone conversations are not a reliable source to prove contact/consent has been given. At that time the owner can give permission for movement or make arrangements for the craft to be moved.
 - (D) Hangar functions. The provisions of Para. 4.C. above applies in this instance.
5. Printed text of current lease agreements will not be included in these By-laws. A copy of the current lease can be obtained from the treasurer.

Article XVI. Amendments

1. The By-laws of the Chapter may be amended, or new by-laws adopted at any Regular Meeting of the Members NOT called for that purpose, provided not less than quorum of the Members eligible to vote, as defined in Article VI Paragraph 5, are present, or proxy, at such meeting, and after following the process as stated in Para. 2.. 5
2. Process for Amending Chapter By-laws:
 - (A) All proposed amendments to the By-laws shall be initiated by a motion from the membership.
 - (B) Any proposed amendment that is seconded by the membership shall be put to a vote. A simple majority of the membership present at the meeting shall constitute a successful motion.
 - (C) A successful motion for a By-law amendment shall be referred to the Board of Directors in writing.
 - (D) The Board of Directors shall review each successful motion for amendment for relevance, applicability, accuracy, and consistency with EAA and 501(c)(3) guidelines.
 - (E) A successful motion for amendment found to be relevant, applicable, accurate, and consistent with EAA and 501(c)(3) guidelines will be written into a new draft of by-laws for EAA Eastside Chapter 64, Inc.
 - (F) Draft By-laws will be sent out to the membership at least 30 days before the vote is taken for review and comments by means of publication in the Chapter Newsletter, posting to the Chapter Web Site, direct contact via U.S. Mail or e-mail.
 - (G) A vote of approval or rejection by the members present at a regular meeting will take place.
 - (H) Ensure a copy of the amended/revised By-laws are submitted to EAA for record.

Article XVII. Dissolution

The Chapter may be dissolved by a two-thirds majority vote of the voting Members. If the Chapter is dissolved, the President is responsible for ensuring that all Chapter debts and obligations are paid, and the proper disposition of all Chapter records are sent to the EAA Chapter Office at EAA Headquarters, P.O. Box 3086, Oshkosh, Wisconsin, 54903-3086. The President is also responsible for the disposition of all Chapter materials and assets that shall be donated to another non-profit organization in conformance with applicable Not-for-profit laws and regulations.

CERTIFICATE OF BY-LAWS

I hereby certify that the foregoing By-laws were adopted by the membership

on this _____ day of _____, 20_____.

Acknowledgement and Acceptance on behalf of:

**Experimental Aircraft Association,
East Side Chapter 64, Inc**

Chapter		
President's Signature	_____	Date _____
Vice President's Signature	_____	Date _____
Secretary's Signature	_____	Date _____
Treasurer's Signature	_____	Date _____
EAA Chapter Office (Oshkosh) Representative's Signature	_____	Date _____