# EAA Chapter 302





Volume 46-Issue2 February, 2024

# Newsletter

# MEETING NOTICE FEBRUARY 10TH, 2024, 10:00 AM

See the last page for a map to the meeting

# **IMC/VMC MEETING**



Thursday. Feb 8th 7-8:30 Galaxy



# THIS MONTH'S PROGRAM

**News from HQ** 

**A Plane Named Bonnie** 

Hints: Cleaning Out Sparkplug Threads

# Valentine's Day Feb 14th

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# **JANUARY 13TH MEETING MINUTES**

**Call to Order:** President Joe Waltz welcomed approximately 76 members and visitors at 10 AM in the Galaxy FBO meeting room.

**Pledge of Allegiance:** Liam Masterson, a first time visitor, led the chapter pledge.

**Welcome guests!** Liam Masterson - HS student, EAA member w/ aviation goals. Neal & Sanjay(Dad)Vitthal - HS student w/ interest in engineering & flying. Rudy & Wendy Castaneda - EAA members. Reid Olson - ATC flight student, EAA member w/ interest in RCs. Mike & Dena McDonald - in PPL flight training, proficient welder. Harold & Virginia Marx - EAA members. Michael Shchs - Building a Lancair turbo-prop.

**Treasurer's Report:** Annual Summary of Year Ending 2023: January 1, 2023: \$10,939.49 + \$200 cash on hand. Ending balance December 31, 2023: \$11,674.35 - \$200 cash on hand. Highlights from year 2023 include: Dues (2023 & 2024) Income: \$4,600, Bling Income \$2,698. Rent Expense: \$2,555.01, Education and Scholarship Expense: \$3,005.

**Safety Minute:** FAASTeam (FAA Safety Team) program manager Phil Dixon says flying in the traffic pattern involves nearly all piloting tasks. The concentration of traffic requires extra vigilance and proficiency. Commitment to precision and consistency in pattern operations will yield safety benefits in all phases of flight. Search YouTube: *Pattern Precision in 57 Seconds* 

**Project Updates:** <u>Jim Morrical</u> / CarbonCub EX = First Flight Award. <u>Mark Haskel</u> / Zenith 601HD=Installed Hobbs meter. <u>Todd Johnson</u> / RV10 = Working cockpit & engine build out. <u>Steve Williams</u> / Onex = Building wing & fit, wing folding mechanism and aileron bell cranks. <u>Jonathan</u> Green / Sling CFi = Wing closed up, sealing fuel tanks for installation. <u>Rick Oliver</u> / Zenith CH750 STOL = Empennage finished, working wings, tanks are factory welded will be installed in wings.

**Project Give Away:** Todd Johnson is helping an owner's widow pass on a Steen SkyBolt project. It was started decades ago and she wants to hand it off to a passionate builder. Wings / fuselage are built and all kit items are included. Has an engine but Todd suggests replacement. There is a good article in January 2012 issue of Kit Plane Magazine pages 8-15 that gives good info.

**Hints for Homebuilders:** Brian Carpenter from Rainbow Aviation demonstrates how to clean spark plug threads to enable proper engagement to cylinder head. Brian is an A&P aircraft mechanic with Inspection Authorization, and EAA Technical Counselor and Flight Advisor. Search EAA.org: *Videos / Cleaning Spark Plug Threads* 

**Program:** ATC Controllers Holly Cron, Jesse Strickland from Houston Center and Barry Coates Houston Terminal Approach Control talked about emergencies. They discussed many aspects of emergencies and how ATC and pilots can work together to insure the best outcome. They were at Black Walnut Cafe for breakfast where some members got to visit.

### **News and Reports:**

- --Maintain the Monster is a new elements of future meetings discussing maintenance strategies.
- --Next Young Eagles Rally is planned for March 16th @ 9-11:30 AM. Need airplanes, pilots and many volunteers.
- --Check website and help Keith Pache with a Christmas Party survey to improve our party.
- --Check out the new *Discussion Board* on our website at Our Chapter & Members Only tabs.

#### **Adjourn**

- --AeroShell products still available on our website store for a contribution.
- --Fly-out College Station (KCLL), TX with lunch at Gate 12 Bar and Grill.
- --After the meeting consider lunch at McKenzie's BBQ at 1501 N. Frazier St, Conroe by noon.
- --Before each meeting some gather any time after 8 AM on the 3rd floor at Black Walnut Cafe for breakfast.

# IMC/VMC Club (2<sup>nd</sup> Thursday each month)

Please join us 7:00pm Thursday, February 8<sup>th</sup> (Galaxy FBO Conference Room) to discuss the answers to these questions and video scenarios. Bring questions of your own, because we always save time for a little organized hangar flying!!



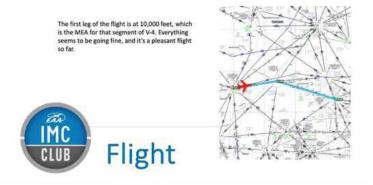
**Question**: What is the difference between three- and four-digit identifiers for military training routes (MTRs) charted on a sectional chart?



# Video Scenario - Too Far to Glide



**Question**: When transitioning from instrument to visual flight at the end of an instrument approach, what factors might make a pilot inadvertently fly lower than intended?



Video Scenario - High Climb Conundrum

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# **EVENTS COMMITTEE UPDATE**

## **Keith Pache**

- 1) 10:00am-?? Monday Donuts & Coffee (Hangar 17E Taxiway D).
- 2) 7:00-8:45pm Thu. February 8<sup>th</sup> IMC/VMC Club Meeting at Galaxy FBO (see Newsletter for details).
- 3) 10:00-11:30am Sat. February 10<sup>th</sup> Chapter Meeting (Galaxy FBO).
- 4) 11:30am-?? Sat. Fébruary 10th After Meeting Fly-Out to Woodville (Tyler County 09R).
- 5) 9:00-11:30am Sat. March 16th Young Eagles Flying Event at KCXO (Dean Marcott, 815-382-2220, deanmarcott@yahoo.com)
- 6) Flying Event Links:
  - a) Fun Places to Fly = https://www.funplacestofly.com/funflyeventbyzip.asp
  - b) Social Flight = http://www.socialflight.com/search.php
  - c) EAA Webinars = https://www.eaa.org/eaa/news-and-publications/eaa-webinars
  - d) FAA Safety Webinars = https://www.faasafety.gov/SPANS/events/EventList.aspx
- 7) Events Calendar: Here's a partial list of upcoming events. You'll find many more (with working hyperlinks) by going to our website and clicking on Flying Events under Our Chapter: https://eaa302.org/flying-events/

Date	Description	Location	CXO Dist.	Website	Contact
2/10/24	9:00am-12:30pm AOPA Rusty Pilots Seminar	76F Van Zandt County Regional Airport Wills Point, Texas, USA	142 nm	rg/event/aopa-rusty- pilots-seminar-at-van- rans/rowntyongiacesto	Rusty pilots program 301-695-2000 rustypilots@aopa.org
2/17/24	9:30am Coffee & Donuts Fly- In (3rd Saturday each month)	KTKI McKinney National Airport Dallas, Texas, USA	179 nm	fly.com/aviation-event- details.asp?EventID=261	Smitty webmaster@eaa1246 .org
2/17/24	Noon-1:30pm Aero Valley Antique Airplane Meeting	52F Aero Valley Airport Roanoke, Texas, USA	186 nm	SocialFlight.com	Terry Wallace 817-706-3173 wallacete@cs.com
2/17/24	8:30am-12:30pm Airplanes and Coffee	KDUA Durant Regional Airport - Eaker Field Durant, Oklahoma, USA	221 nm	Facebook - Airplanes and Coffee	None
2/23-24/24	Zenith Aircraft's Hands-On Kit Building Workshop	5C1 Boerne Stage Airfield San Antonio, Texas, USA	175 nm	https://www.zenithair.co /zenithstore/product/feb ruary-workshop/	Bill Fahey 210-632-4708 william.fahey@sbcgl obal.net
2/24/24	9:00-11:00am EAA 1607 Pancake Breakfast (4th Saturday each month)	KRYW Lago Vista TX/Rusty Allen Airport Lago Vista, Texas, USA	133 nm	http://www.eaa1607.org/	Lance Clinton 512-897-7815 president@eaa1607. org
3/2/24	9:00-11:00am Aviators Breakfast (1st Saturday each month)	KGTU Georgetown Executive Airport Georgetown, Texas, USA	119 nm	None	Cutter Aviation 512-869-0900
3/2/24	9:00-Noon Breakfast Taco & Pancake Shindig (1st Saturday each month)	50R Lockhart Municipal Airport Lockhart, Texas, USA	121 nm	None	None
3/2/24	EAA 614 Fly-in Pancake Breakfast (1st Saturday each month)	2L0 Pineville Municipal Airport Pineville, Louisiana, USA	165 nm	Facebook - SE Texas Aviators	None
3/2/24	9:00am EAA 1246 - Coffee & Donuts (1st Saturday each month)	KTKI McKinney National Airport Dallas, Texas, USA	179 nm	None	1246memberservices @gmail.com
3/2/24	Stephenville Fly-In	KSEP Stephenville Clark Regional Airport Stephenville, Texas, USA	181 nm	https://www.funplacesto fly.com/aviation-event- details.asp?EventID=261 52	Sean Clemmons 254-964-6804 sclemmons@stephe nvilletx.gov
3/16/24	8:30am-Noon Airplanes and	KCRS C David Campbell Field-	112 nm	https://airplanesandcoff	214-817-4367
3/16/24	9:00am Bluebonnet Airshow	KBMQ Burnet Municipal Airport/Kate Craddock Field Burnet, Texas, USA	148 nm	https://www.bluebonnet airshow.com/	Commemorative air force 512-756-2226 caf@tstar.net
3/16/24	9:30am Coffee & Donuts Fly- In (3rd Saturday each month)	KTKI McKinney National Airport Dallas Texas LISA	179 nm	fly.com/aviation-event- details.asp?EventID=261	Smitty webmaster@eaa1246 org

# YOUNG EAGLE RALLY Saturday March 16th Please consider volunteering For a Young Eagle Event



# SPRING IS COMING! Should be Cool Flying Weather It's time for another Young Eagle Rally

We have approximately 24 kids standing by. We have picked Saturday, March 16<sup>th</sup> to hold another rally. Location will be at the Airport Office Building. Members can volunteer for ground or flight positions. **We especially need pilots/airplanes**. Please use the checklist on the following page. (Reference only, you don't need to turn in) If you need to be qualified for the Youth Protection Program, (YPP) please go to:

https://www.eaa.org/eaa/youth/youth-protection-policy-and-program.

Volunteers need to show up at 8:30 for setup with plans to start flying at 9:30. Please contact Dean Marcott, text or email at 815-382-2220 or deanmarcott@yahoo.com.





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# EAA 302 Young Eagles Pilot/Aircraft Qualifications - Self Verification

rev S			
rev 8			

Pilot Name:	¥		Pilot Name
Aircraft Type:	Tail Number:	:90	Aircraft Tv
EAA Membership Numb	per:	des de la	L 400000
Email:			Lisotii
Item (Totals	Requirement	Expiration / Next Due Date	Self Verification Initials
Current EAA National Member	Member of EAA (Chapter membership not req.)	1	redmoké
Aircraft Passenger Liability Insurance	\$100,000 per seat - minimum		Phranice
Pilot License	Sport Pilot or Better	N/A	50
Medical or D.L. (Sport )	Current		To the Castle
Currency	3 Take Off and Landings in 90 days (add 90 days to last 3)		
Flight Review	Within 24 months (add 24 months to last)		n to the little
Aircraft Airworthiness Cert	On Board basel no	N/A	media fictivia
Pitot Static / Transponder Check	Current – every 2 years	anher gran	, — 344da
Aircraft Registration	Current and On Board (expires every 3 years)	and the second	Altered Regis
POH / Operating Limitations	On Board	N/A	
Annual or Condition Inspection	Within 12 Months (add 12 months to last)		notiveteni
EAA Youth Protection Certification (video training)	Required every 3 Years (https://www.eaa.org/en/eaa/account/account login#/login / My Account / scroll down to Go	novasii	Julian Control

Pilot Signature:	1910	
Date:		Jate:

# PROJECT COMPLETION AWARDS

Jim Morrical is shown receiving an award from President Joe Waltz for completing his Carbon Cub project.

There was also a plaque for Larry Elliot who completed an RV-7, but Larry wasn't in attendance.

EAA 302 is one of the most prolific chapters in the United States for members completing aircraft construction projects. Congrats!



# BREAKFAST AND CONTROLLER PILOT BRIEFINGS

Prior to the January Regular Meeting, we had breakfast with 4 controllers from IAH approach and Houston Center. Then the group put on a presentation at the end of the meeting covering Emergency Procedures.

Shown are Holly Cron, the lead from Houston Center, and Jesse Strickland from Houston Approach. They are working toward restarting "Operation Raincheck".



# **VICKIE IN THE NEWS**

If you receive the "Postcards" Magazine in the mail, you would have seen that 302 member Vickie Croston was featured in a 4 page article in the February Issue. The 302 Newsletter has done articles on the Rosie the Riviter (November 2017) and a "Who's Who at 302" article prior to that.

If you would like to be on their mailing list for monthly local issues of "Postcards", go to their website—www.PostcardLive.com



stall and crash. Two of the passengers were unhurt, but Vickie sustained a broken nose and facial lacerations. The pilot, Rose, was seriously injured. Her vision in one eye was badly impaired, and she lost one kidney. The accident, however, did not deter Rose. She was no longer able to pilot an aircraft, but continued to fly as a passenger.

#### We can do it!

Meanwhile, Vickie was mapping out her own place in the world. She had always been fascinated with rocks, so she planned to become a geologist. Somewhere along the

way, however, she remembered the dental work she had done while she was in high school, and she changed her mind, "I am good at working with my hands, and I like science," she says. "Dentistry is good for those two traits I was born with." So, Vickie earned a Bachelor of Science in Dental Hygiene at the University of Louisville, gaining a good educational background for a career that has served her well, even now in semi-retirement. "I like helping people, and I approach things differently than a lot of hygienists," she says. She encourages people to take better care of their teeth at



Vickie (circled) skydiving

home and tells patients, "the why behind the what." Patients often ask her, "Why didn't anyone tell me that?" she says,

One day, Vickie accompanied her thenhusband, a skydiver, to a parachute drop zone in Kentucky. "At the drop zone, I was watching all these people packing their parachutes and having so much fun," she says. "Then they would do it again. I thought, You know, if it was that scary, they wouldn't be having that much fun." So, Vickie decided to go on a tandem jump with an experienced skydiver. "I was hooked," she says. "I knew I would be doing this again."

Vickie ultimately became a skydiving instructor and a professional skydiver, often performing at airshows. During the week she was a dental hygienist; on the weekends, she was a skydiving performer, jumpmaster, and instructor. "I don't ever remember taking a 'sick' day off to go skydiving," she says, "but I wanted to!"

After spending so much time jumping out of airplanes, it seemed natural to become a



Rose Monroe was in her early 20s when an automobile accident claimed the life of her husband, leaving her with two young children. She needed to support her family, but there were few well-paying jobs near her home in south central Kentucky. Fitthermore, she had notive a cleatification Furthermore, she had only an eighth-grade education. "She didn't have the opportunity to go to school," Vickie says. "She made a good, successful life through grit and hard work." One day Rose saw a poor family at a bus station. The children's shoes were so wom out, the tops and soles were held together with canning jar rings. "Mom said," I will never let that happen. I will work three jobs, if I have to, to provide

involvement in World War II. Rose heard there were good jobs available in Ypsilanti, Michigan. She soon got a job making B-24 bombers at the Willow riveter on an innovative assembly line that Henry Ford's son Edsel designed to manufacture aircraft (after World War II,

it became an automobile factory). During the week, Rose lived in the Quonset hut barracks at the Willow Run Airport; her two children were in the care of a co-worker's family

One day, the well-known actor Walter Pidgeon came to the factory to make an advertising film for a war bond campaign. The film would later be shown between feature movies at theaters across America. The song "Rosie the Riveter" was popular, and the actor washed to

Vickle's mom, Rose Will Monroe's first solo flight

a riveter and fits that song.' She got a part in the film," Vickie says. As the human face of Rosie the Riveter, Rose was in the limelight. She didn't seek publicity, Vickie says, but she was willing to tell her story.

After seeing female pilots transport many B-24s from her factory, Rose wanted to join the Women Airforce Service Pilots (WASP), but was disqualified for the dangerous job because she was a widow with children. After the war, she held a variety of jobs to support her children she was the competition. he war, she held a variety of jobs to support ler children: she went to cosmetology chool, drove a school bus, and drove a taxi.

She eventually remarried, and Vickie was born to the couple in 1954. Rose still wanted to learn to fly; although she was busy with the family's construction business, she finally became a pilot in the early 1970s.

piloted. A child of a family friend was sitting in the front seat and pressed the button that controlled the flaps. It was like putting on the brakes while the plane was trying to accelerate, Vickie explains, and it caused the plane to

plot too in 2002. Vickie earned her own pilot ordificate. She was never interested in flying crit he airlines, but considered becoming a opporate pilot. She finally decided to continue working as a detail hygienist and fly as a nobby. She and her husband Menvyin owned mee different airliganes over 20 years, which hey often flew to other states to visit family. Although it was expensive to own the planes, vycke says, there were many benefits, instead of driving to her home state of Indiana in 16 hours, she could fly it in six. She drivin tave to go through security and drint have to go through security and drint have to take her shoes off; she could take her own flood on the plane, as well as guns and dogs. They also could leave when they wanted to.

Although flying isn't Vickie's career, it is her

could leave when they wanted to.

Although flying int! Vickie's career, it is her passion. She belongs to many charitable avaiding groups, such as Angel Flight, which provides medical patient transport. Challenge Air, which hosts special needs youth flying events; and Plots N Paws, which files animals to foster families. She is also a member of the Experimental Aircraft Association. Women in Aviation international, and the Ninety-Nines—founded by 99 female pilots, including Amelia Earhart, in 1929. She also strives to improve air safely through her work with the Federal Aviation Administration as a FAASTeam volunteer safety representative.

# **FINAL SHIRT ORDER**



Our final order of shirts are here and will be available at the February Regular Meeting.

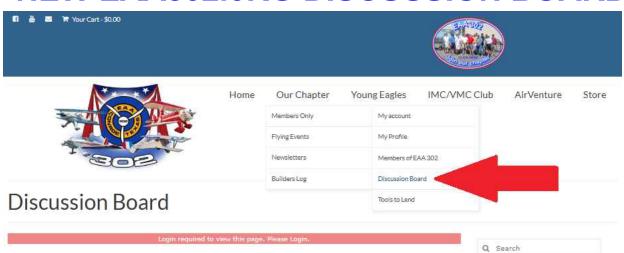
If you ordered one and haven't picked it up, please arrange for somebody to get it for you.

# 2024 Member Dues are due:

You should have received an invoice in December and another in January if you haven't already paid. Please take a moment and help to continue the funding of our chapter. If you have any questions or need another copy of the invoice, please email us at eaa302@gmail.com

Thanks, EAA 302 Membership Committee

# **NEW EAA302.0RG DISCUSSION BOARD**



Welcome to the new discussion board that just launched. From the EAA302.org website, you can create a new topic and browse existing topics. While there are several Internet discussion boards that are in use, this one is only for our chapter and allows for a more targeted audience with local resources in the EAA 302 community.

What all can you use the discussion board for? Perhaps you need a tool and would like to find a member that has one? Or just need a riveting partner for an afternoon. Want to plan a lunch fly-out? You can post questions, comments and even upload pictures. You can follow topics and "opt in" which will allow you to get notified of any topic updates.

The discussion board is not open to public views or posting. Any member of EAA302 can browse and post new content. We only ask that you keep it aviation related and family friendly. Thank You.

**EAA 302 Board Members** 

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# ALAN SHEPARD TECHNOLOGY IN EDUCATION AWARD



Jennifer Duffer

Jennifer was the Aerospace teacher at Montgomery High School, where a group of 302 Mentors and she built 3 RV-12's over 6 years. Bearforce 1 and Purple Bearon are shown below Jennifer Duffer, a EAA 302 member, has been selected as the recipient of the 2024 Alan Shepard Technology in Education Award by the Astronauts Memorial Foundation (AMF), the National Aeronautics and Space Administration (NASA), and the Space Foundation.

Named in honor of Alan Shepard, one of original nation's seven Mercury the astronauts, the Alan Shepard Technology in Education Award honors an educator who has demonstrated a commitment to inspiring students' interest in science, technology, engineering, and math (STEM). This award recognized Jennifer for excellence, quality, and innovation in development and application the technology in the classroom or to the professional development of teachers. Alan Shepard was not only the first American to fly in space but also one of only 12 humans who have walked on the moon. He also served as a former AMF board member, leaving an indelible mark on space exploration and education. The award will be presented to Jennifer during the 39th Space Symposium opening ceremony on April 8 at The Broadmoor in Colorado Springs, Colo., USA.



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# **JANUARY FLYOUT TO "THE 12TH MAN"**

Following the Regular EAA302 January Meeting, a group of flyers went to Easterwood Field in College Station and ate at the "12<sup>th</sup> Man" Restaurant.

This is right on the airfield where you sit nearly ON the taxiway.

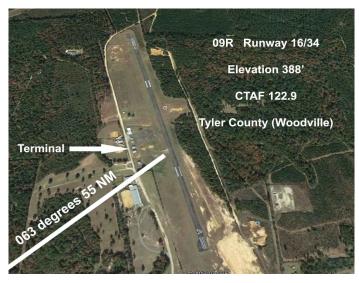
Try to join one of these flyouts-they're a lot of fun.



# SATURDAY FLYOUT WOODVILLE PICKETT HOUSE

The Pickett House serves "Family Style" and its all you can eat! Lunch includes drink, appetizers, fried chicken, mashed potatoes, chicken & dumplings, green beans, biscuits, cornbread muffins, greens, and peach cobbler dessert. Cost \$10.99/9.99 for seniors. Suggest you bring tiedown rope, or at least chocks. For questions, contact Keith Pache pilotpache@aol.com or mobile 713-412-7010.





# **CLASSIFIED ADS**

Ads are free to any EAA member. They will run for 6 months, or until you pull them out of classified. Text or Email to dirvine1945@gmail.com



Heavy Duty 8" Lectro-Saw by Black & Decker All metal, made in USA Construction grade

Still down sizing. Make an offer. Text Terry, 832-693-6941

### **Drill Press for Sale:**

Delta Milwaukee drill press, (American made). Complete with Jacobs 6A chuck with capacity to 1/2" and 1/3HP/ 120VAC motor. I'm still downsizing and will accept any reasonable offer. Text Terry at 832-693-6941.





FOR SALE--Equity Partnership for Sale at KDWH. 1/4 ownership share 1972 Piper Arrow PA28R-200. 3600TTAF 350 hrs on factory reman. engine and new scimitar prop. New complete leather interior! Garmin 430W, G5 PFD and HSI. King secondary, Stratus ADSB in/out. Century II AP. 25K buy-in, \$200.00 month fixed for insurance and hanger. \$115/hr on tach. Perks: Co-owners are CFII's and willing to instruct. Contact: fivefiveplusaviation@gmail.com

**For Rent:** Shared hangar space in box hangar on Hill at KCXO. For more information contact Jeff Lehner 219-608-1463

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# Contact Info—go to Home/contact us

EAA 302 Officers
President
Joe Waltz

VicePresident
Miles Demster

**Secretary** Jim Morrical

**Treasurer**Bill Donahoe

IMC/VMC Club
Keith Pache

We now meet in Galaxy FBO's building on the South Side of the Conroe-North Houston Airport. Use the South Entrance, 1<sup>st</sup> floor. Meetings start at 10:00 AM.

You cannot access the FBO by the old Airport Parkway. You need to use Loop 336 and turn at Hawthorne Drive. This road has an Airport Entrance sign which mentions Galaxy FBO and the Black Walnut Restaurant. This is just southeast of the Roller Skating Rink.

See you there.

# Young Eagles/Eagles

Dean Marcott

# **Property**

Denny Irvine

#### Website

Darryl Foster

## **Membership & Communications**

Rick Oliver

#### **Newsletter**

Denny Irvine

#### **Events**

Keith Pache

