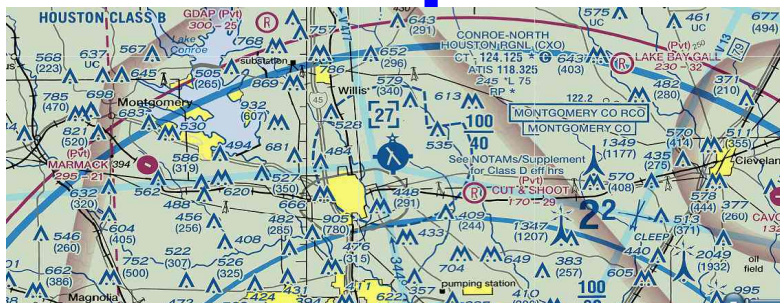


# EAA Chapter 302



## Newsletter



Volume 42-Issue 2  
February, 2020

## MEETING NOTICE

**February 8, 2020, 10:00 AM**

See the last page for a map to the meeting

### IMC/VMC MEETING



Thursday  
February  
13th  
7-8:30 PM  
Galaxy  
Featuring  
Ernie  
Sutter

### THIS MONTH'S PROGRAM

News from HQ

The Rotax 912is Engine  
(Learn how to "Burp")

Single Wire Safety Method



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# JANUARY 11, 2020 MEETING MINUTES

**Call to Order:** President Joe Waltz called the meeting to order a few minutes after 10 AM. There was congestion in the jetway (hallway) with people checking in, paying dues and joining the chapter.

**Pledge of Allegiance:** Joe Waltz led approximately 92 members and guests in the Pledge of Allegiance.

**Visitors / New Members Present:** There have been as many as twelve new members signed up on the website this month. New Members: Tom and Hetty Ball have been around this airport for many years and decided to “finally join”. Mike McKenny is from Vermont and plans to move his Piper Comanche here this spring. From Wisconsin welcome Dan Wellhoefer and his grandson Dace. Dan is renewing his connection with EAA. Bill LaSane from New Caney area and is a private pilot getting back to flying. He confessed he is “anxious to spend some money and buy an airplane”. Visitors: Member John McGuirk introduced his son Luke and friend. Member Jerry Laird from Montgomery brought his 8th grade granddaughter Matty who is interested in flying.

**Treasurer's Report / 2019 Annual Summary:** Beginning balance for 2019: \$5218.15 and \$200 cash. Ending balance for 2019: \$4154.39 and \$200 cash. Summary of total Income / expense for the year ending 2019: \$15,239.00 / \$16,502.76 respectively. Expect to see details of the Annual Financial Summary for 2019 in February's newsletter.

**Ray Aviation Scholarship Update:** Mallory Rhodes, our 2019 scholarship recipient, has completed most of her PPL flight requirements and is working on her written exam.

EAA will offer 2020 Ray Aviation Scholarships (RAS) just like last year. Additionally, a new initiative or second path to a scholarship from RAS calls for a 50/50 cost share. RAS provides \$5,000 and the local Chapter provides \$5,000 to a qualified applicant. EAA has indicated that this might be the path to a second scholarship for a chapter like ours. So, we have applied for a 50/50 scholarship option.

**News from Headquarters:** This month Jack J. Pelton discusses EAA membership, Ray Aviation Scholarship Fund, the aviation industry, EAA's learn to fly programs, advocacy efforts, and what's to come in 2020. Charlie Becker covers an important big change to chapter websites. Included was a brief story of Burt Rutan and others telling about Rutan ground breaking design of the VariEze, VariViggen and Defiant. Rutan challenged some inspired builders to be courageous, try something new and build a much better forward looking airplane design.

**Projects:** Joe Waltz / RV-10 = First engine run complete, flaps rigged.

Jim Morrical / Carbon Cub EX = Covering and rib lacing tail feathers and on to fuselage in a couple weeks.

Ernie Brown / RV-14A = Vertical Stab finished, prepping parts to start rudder.

Tom Massey / = Took delivery of his kit.

**Safety Discussion:** Mike Goebel talked about flight planning considerations to destination served by a single runway with strong crosswind conditions. Consider instead picking a destination with multiple runway or at least plan a contingency airport if crosswind conditions on arrival could put you at or near pilot or aircraft limitations. Another bit of advice was to check to see that your engine oil dip stick is secured to it's cap. Think what would happen if it fell into the engine!

# January 11, 2020 Meeting Minutes (Continued)

## Young Eagles Update:

About 13 of our pilots often fly Young Eagles, but we could use more help. Please contact Mike Goebel. February 29, 2020 is the next event. It could include 20-30 Young Eagles.

Also, EAA Chapter 302 has a scholarship opportunity for a male student at Session 1, June 28-July 3, 2020, Basic Air Academy at Oshkosh AirVenture. We are looking for applicants.

**Service Awards:** Joe Waltz presented Annual Service awards from EAA recognizing all our chapter leadership. Rick Oliver was awarded the prestigious EAA Chapter MVP award for his faithful behind the scenes help setting up our meeting room every month. Thank you Rick!

## News / Reports:

Check our Events Calendar. Thanks Keith Pache for keeping us updated.

VMC/IMC Club, Every second Thursday, 7-8:30pm, Galaxy FOB. 30 attended the last meeting.

**Tommy Fankhauser** is the new 2020 Club Coordinator.

**John Blum**, Program Director Lone Star College Professional Pilot Program, gave details about program start at KCXO hangar 17A. 5 refurbished Cessna 172s, Operations are 6AM-6PM Mo-Sa, 4 three hour training blocks, 24 students now, 60 could be by summer, committed to be a good safety partner.

**Hints for Homebuilders:** Fishmouth tubing. Joining tubes together requires shaping the tube end to get a good tight fit. Charlie Becker demonstrates a technique he learned from Paul Poberezny to fish mouth tubing for a good tight fit.

## Adjourn:

Fly-out to Woodville, Tyler Co.

Lunch as always at McKenzies BBQ, 1501 N Frazier St, Conroe. 12:30PM. It's a great way to get to know other members.



## DRONE EXPO

An invitation from EAA 302  
Member Chris McMartin

The Woodlands High School Air Force JROTC will hold its 4th Annual Drone Expo Saturday, Feb 8th, from 1 to 3pm in the Main Gym. There will be indoor and outdoor demonstrations and competitions with students from three high schools participating. We also hope to have representation from full-scale aviation activities present to talk with students about career (and hobby) opportunities. If you're not flying out for lunch after the Chapter meeting, consider stopping by! 6101 Research Forest Drive, The Woodlands

For the Drone Expo, we're hoping to have up to 100 people in attendance. Not only are the high school students invited, we're going to expand to junior high/middle school competitors as well. Conroe ISD doesn't currently have any aviation-related curriculum but the district is exploring options, such as offering an FAA Part 107 class in which students will earn their sUAS Pilot Certificate. I'm hoping events like ours help spark interest in not only such curriculum but also for careers and hobbies involving aviation in general.

# 2019 TREASURER'S REPORT

## EAA Chapter 302 Annual Financial Summary for Year Ending 12/31/2019

Starting Balance Woodforest Bank January 1, 2019	\$5,218.15
Petty Cash on Hand	\$200.00
Total Cash on Hand January 1, 2019	\$5,418.15

<b>INCOME</b>	<b>\$15,239.00</b>
2019 Christmas Party	1,700.00
2019 Membership Dues	2,975.00
2020 Membership Dues	350.00
Meeting - Box Lunch	325.00
Donation	217.00
Name Badge	126.00
Scholarship	8,000.00
Swindle	1,476.00
Tool Crib	70.00

<b>EXPENSES</b>	<b>\$16,502.76</b>
2019 Christmas Party	1,758.11
EAA Dues and Insurance	498.00
EAA Academy	1,080.00
Youth Education	200.00
First Flight Awards	60.00
License & Permits	5.00
Meeting Expense, Rent, & Storage	2,852.85
Name Badges	133.00
Paypal & Bank Fees	150.19
Ray Scholarship	6,960.50
Tool Crib	173.35
Website Renewal	551.76
Alan Johnson Crime Stoppers – Individual Donations	2,080.00
Ending Balance December 31, 2019	\$4,154.39
Less Cash on Hand	\$200.00
Ending Balance Woodforest Bank December 31, 2019	\$3,954.39



# AWARDS FOR THE 2019 302 BOARD



EAA302 Secretary Jim Morrical gets a certificate and a pin for 2019



If you were a board member, you could have a cool lapel pin like this too.

During the January Regular meeting, President Joe Waltz handed out Certificates of Appreciation and lapel pins to all four Officers, as well as the YE Coordinator, Newsletter Editor, Website Editor, Membership Chairman and IMC/kVMC Club Coordinator. In addition, member Rick Oliver was recognized for his dependable volunteering.



Speaking of meetings, we are now approaching attendance of 100 or more. Where are we going to seat all of them?

A lot goes on behind the scenes to make a Chapter become this big and successful. These are the typical 10 percenters that step up and make things happen. Please consider raising your hand when the next election time rolls around. It doesn't work without YOU.

# Woodlands students receive Air Force Junior ROTC Flight Academy scholarship



Will Plutto, who attends 302 meetings with his Mom, Noel

Three Air Force Junior ROTC cadets at The Woodlands High School have received a scholarship to attend an accredited aviation university participating in a private pilot license training program in the summer of 2020.

Senior Skye Nowlin and juniors **Will Plutto** and Isaac Skinner are among 200 Air Force Junior ROTC cadets around the world to receive the scholarship from Headquarters Air Force Junior ROTC, Maxwell Air Force Base, Montgomery, Alabama. More than 2,575 cadets applied for one of the 200 scholarships. There are more than 125,000 high school students enrolled in Air Force Junior ROTC at almost 900 high schools in the U.S and overseas. The scholarship covers transportation, room and board, academics and flight hours required to potentially earn a private pilot license. The scholarship is valued at approximately \$22,500. The Flight Academy Scholarship Program is an Air Force-level initiative in collaboration with the commercial aviation industry to address the national civilian and military pilot shortage. Those who participate in the program do not incur a military commitment to the Air Force or other branch of service, nor does completing the program guarantee acceptance into one of the military's commissioning programs.



## LONESTAR COMMUNITY COLLEGE LAUNCHES AVIATION PROGRAM

When you pass the Ratcliff Complex of hangars, you may notice a new banner announcing the arrival of U.S. Aviation, the flying portion of Lonestar Community College's new Aviation Program. Leading the program is 302 member John Blum, who has now qualified as a DPE for the FAR Part 141 School. They already have 5 immaculately refurbished Cessna 172's and will be adding more. This semester's class of 30 will be joined by 90 more next semester. Way to go, John!



# THE WOODVILLE FLYOUT



Following the January meeting, we had 5 aircraft and 15 members fly to the Houston County Airport and eat at the Pickett House Restaurant. Mighty Good chicken! Croston's had to abort for a alternator failure. Chris McMartin rented a plane and brought two JrROTC cadets. Don't miss the next one!

# NEW KID ON THE BLOCK



Meet Grant Tribble. Grant and his wife Kim have just purchased a "Cygnet" EAB, which was flown in from Florida. He is presently hangared at Jim Smith's. Powered by a Volkswagen engine, it seats 2. More importantly, Grant didn't even have his PPL when he bought it. Hopefully he'll have passed that by our next meeting.



## AN INVITATION FROM DAVE & VIC



As you know from attending Regular Meetings, EAA 302 member Dave Macdonald is close to finishing his RV-10 project and has arranged for DAR and Homebuilder's Council Leader Vic Syracuse to fly into Houston and do Dave's inspection and certification. To top it off, they will put some time in the air with the new RV-10 with Vic as the second pilot. **Now, here is the Invitation**—Vic and Dave will plan a place for dinner in the Sugar Land area February 24<sup>th</sup>. If you are interested in meeting Vic and hearing a presentation on homebuilding, please call or email Dave before February 16<sup>th</sup>. Once he has a head count, Dave will find an appropriately sized venue and contact all who have responded with the location details. Dave can be contacted at [dmacdon@pacbell.net](mailto:dmacdon@pacbell.net), or call 925-351-6422.

## Air Camp 2020

Chapter 302 has reserved a slot at Basic Air Academy Camp, June 28 - July 3, for a youngster age 14 and 15. We are looking for candidates. Let Mike, Joe or Miles know of any prospects.



Young Eagles - Pilots and Ground Volunteers Needed. Young Eagles Rally on Saturday, February 29th at KCXO for about 20 Woodlands High School Air Force JrROTC cadets and a few others. Plan for a morning event, wrapped up by 1200 Noon. Please utilize the Checklist on the next page to ensure compliance and secure EAA HQ Young Eagle insurance coverage. Ground and Pilot Volunteers require completion of the Youth Protection training video depicted on the checklist. Contact [mikeygoebel@hotmail.com](mailto:mikeygoebel@hotmail.com) with any questions.

**Use the next page to self-certify**



**EAA 302 Young Eagles****Pilot/Aircraft Qualifications Verification**

Pilot Name: \_\_\_\_\_

Aircraft Type: \_\_\_\_\_ Tail Number: \_\_\_\_\_

EAA Membership Number: \_\_\_\_\_ Pilot Phone \_\_\_\_\_

Email: \_\_\_\_\_

Item	Requirement	Expiration / Next Due Date	Self Verification Initials
Current EAA National Member	Member of EAA		
Aircraft Passenger Liability Insurance	\$100,000 per seat - minimum		
Pilot License	Sport Pilot or Better	N/A	
Medical or D.L. (Sport )	Current		
Currency	3 Take Off and Landings in last 90 days (add 90 days to the first of last 3)		
Flight Review	Within 24 months		
Aircraft Airworthiness Cert	On Board, and aircraft in an airworthy condition	N/A	
Aircraft Registration	Current and On Board (expires every 3 years)		
POH / Operating Limitations	On Board	N/A	
Annual or Condition Inspection	Within last 12 Months		

EAA Youth Protection Certification (video training)	<b>Required every 3 Years</b> <a href="https://www.eaa.org/en/eea/account/accountlogin#/login">https://www.eaa.org/en/eea/account/accountlogin#/login</a> / My Account / scroll down to Go to Training		
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Pilot Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# ANOTHER FIRST-FLIGHT FOR EAA 302



It finally happened. The “Queenliner’s” First Flight is in the books. And it was piloted by EAA 302’s President and newly elected member of the Homebuilders Council, Joe Waltz.

This was a very significant build of an RV-10. It was completed in just 25 months, despite Joe serving as a Club Technical Counselor—which took him away from his own build many times. He also holds down the jobs of Club President, Local Eagle’s Nest Director, Community College Advisory Boardmember and very busy Grampa.

The plane sports built in oxygen, air conditioning, leather interior and a beautiful Garmin panel. After a short 25 hour Phase 1 flyoff, the plane will head out to the paint shop. It should be ready for the July trip to Oshkosh and a Lindy award.



Did you have a First-Flight or other important event that didn't get published in the 302 Newsletter? Its up to you! Send in some pictures plus a little background explanation. Joe did!



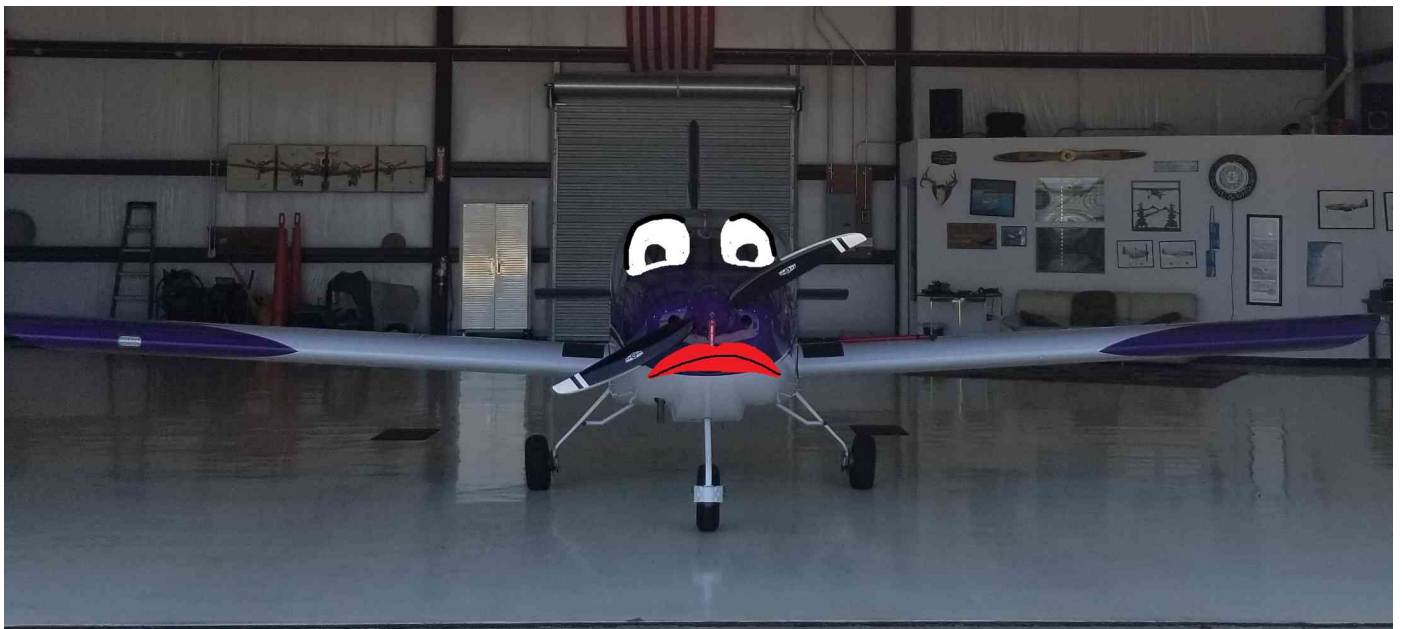


# **“PURPLE BEARON” NEEDS TO FIND A NEW HOME**

Over the last three years, “Purple Bearon” and her older sister “Bearforce One” have lived in Hangar 56. They have been graciously hosted by 302 Member Clay Watters, where they lived rent-free and carried a myriad of teenagers on their first introduction to flight.

The time has come to find another home and allow Clay the ability to rent out that spot and pay down some taxes. The local Eagle's Nest operates on a bare-bones budget and does not have \$200-300 a month for a commercial rental.

This program will only last another one and a half years which will be when we finish the third airplane. Could you help find a space for this program and continue the ability to introduce some worthy kids to the World of Aviation? Please contact any of the program mentors.





# EVENTS COMMITTEE UPDATE

**Keith Pache 713-412-7010**, pilotpache@aol.com

1) 10:00-11:30am Sat. February 8<sup>th</sup> Chapter Meeting (Galaxy FBO).

2) 11:30am-4:00pm Fly-out after Sat. February 8<sup>th</sup> Chapter Meeting to the Aviator's Grill at David Wayne Hooks Airport (KDWH). See newsletter flyer for details!!

3) 7:00-8:30pm Thu. February 13<sup>th</sup> IMC/VMC Club Meeting (Galaxy FBO). Ernie Sutter will facilitate our discussion: Threats & Errors – Do We Think Before We Fly?? Ernie is a long time member and supporter of Chapter 302 with 50 years in aviation and 35,000 hours in the air. He's served in the military, airlines, and civilian world as a pilot, instructor, and check pilot; not to mention Reno air racer!! The meeting is geared to be organized hangar flying, so the more participation & sharing, the better!!

4) Events Calendar: Here's a partial list of upcoming events. You'll find many more (with working hyperlinks) by clicking on our website Flying Events tab: <http://www.eaa302.org/>

Date	Description	Location	CXO Dist.	Website	Contact
2/5/20	7:00-8:30pm EAA Webinar: Bolted Joints in Tension	The comfort of your own home	0 nm	<a href="http://pages.eaa.org/WBN2020-02-05BoltedJointsinTension_LP-Registration.html">http://pages.eaa.org/WBN2020-02-05BoltedJointsinTension_LP-Registration.html</a>	None
2/10/20	4:30pm CXO Airport Advisory Board Meeting	Lone Star Convention & Expo Center - 9055 Airport Rd, Conroe, TX 77303	0 nm	<a href="http://www.lonestarairport.org/about-us/airport-board-agenda-minutes/">http://www.lonestarairport.org/about-us/airport-board-agenda-minutes/</a>	Airport Director's office (936) 788-8311
2/11/20	7:00-8:30pm EAA Webinar: Tips & Tricks for Recording In-Flight Videos	The comfort of your own home	0 nm	<a href="http://pages.eaa.org/WBN2020-02-11TipsTricksforRecordingIn-FlightVideos_LP-Registration.html">http://pages.eaa.org/WBN2020-02-11TipsTricksforRecordingIn-FlightVideos_LP-Registration.html</a>	None
2/12/20	7:00-8:30pm EAA Webinar: Removing Winter Rust and Spin Avoidance	The comfort of your own home	0 nm	<a href="http://pages.eaa.org/WBN2020-02-12RemovingWinterRustandSpinAvoidance_LP-Registration.html">http://pages.eaa.org/WBN2020-02-12RemovingWinterRustandSpinAvoidance_LP-Registration.html</a>	None
2/15/20	9:00am Rusty Pilots presented by AOPA Ambassador Pat Brown and hosted by West Houston Airport	KIWS-West Houston Airport Houston, Texas, USA	35 nm	<a href="https://www.faasafety.gov/SPANS/event_details.aspx?eid=98228&amp;caller=/SPANS/events/EventList.aspx">https://www.faasafety.gov/SPANS/event_details.aspx?eid=98228&amp;caller=/SPANS/events/EventList.aspx</a>	Rusty Pilots Program 301-695-2000 RustyPilots@AOPA.org
2/15/20	9:00am EAA 1094 - Flyin/Drivein Pancake Breakfast	KSLR-Sulphur Springs Municipal Airport Sulphur Springs, Texas, USA	168 nm	<a href="https://www.funplacestofly.com/aviation-event-details.asp?EventID=24258">https://www.funplacestofly.com/aviation-event-details.asp?EventID=24258</a>	Jeffrey Secules 903-975-2748 jeff.secules@gmail.co
2/19/20	7:00pm FAA Safety Seminar: Current versus Proficient	KSGR-Sugar Land Regional Airport Houston, Texas, USA	46 nm	<a href="https://www.faasafety.gov/SPANS/event_details.aspx?eid=98657&amp;caller=/SPANS/events/EventList.aspx">https://www.faasafety.gov/SPANS/event_details.aspx?eid=98657&amp;caller=/SPANS/events/EventList.aspx</a>	Sally Sims 713-248-2011 sssims@mac.com
2/19/20	7:00-8:30pm EAA Webinar: Vans RV Maintenance Common Questions	The comfort of your own home	0 nm	<a href="http://pages.eaa.org/WBN2020-02-19VansRVMaintenanceCommonQuestions_LP-Registration.html">http://pages.eaa.org/WBN2020-02-19VansRVMaintenanceCommonQuestions_LP-Registration.html</a>	None
2/26/20	7:00-8:30pm EAA Webinar: Bang for the Buck: Affordable Aircraft Building	The comfort of your own home	0 nm	<a href="http://pages.eaa.org/WBN2020-02-26BangfortheBuckAffordableAircraftBuilding_LP-Registration.html">http://pages.eaa.org/WBN2020-02-26BangfortheBuckAffordableAircraftBuilding_LP-Registration.html</a>	None
				<a href="http://pages.eaa.org/WBN">http://pages.eaa.org/WBN</a>	

## 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](mailto:dirvine1945@gmail.com)

PA28 235 CHARGER 1973 model, 5 inch stretch, 3295TT, 1460SMOH, 430SPOH. LYC O-540. IFR, great paint / interior. Overhauled mags, new muffler, no corrosion, NDH, all logs. 6 Pack with King Avionics stack, S-Tec 30, Tail Beacon ADSB out. \$63,000 Mike Goebel (832) 628-5660. 2/20

### For Sale

45 X 60 Hanger 38 X 10 Front door 10 X 10 Back door. Lake Livingston Airpark Lot 26 \$125,000  
Contact Rick Oliver 936-327-6934 2/20

**Hanger needed:** Looking for hanger space to rent for my Comanche by April 10. Willing to share a hanger. Potentially interested in purchasing. Contact: Mike McKenney 802-380-2310 1/20



Looking for Aircraft Insurance? We have a certified Insurance salesperson right here in EAA 302. Joni Schultz (Wife of Dan Schultz) is a member of 302, attends "Donuts at 10", and flies a helicopter as a hobby. They also have a magnificent polished aluminum T-6 on the "Hill". When you come up for renewal, it wouldn't hurt to let her give you a quote.

12/19

**FOR SALE:** Full-size GE refrigerator/freezer for your hangar or garage. \$125 Buddy Jones. Call 936-520-9390 1/20

**FOR SALE:** ¼ Share '66 Piper Cherokee Six 260 – only \$19,000. Great plane based at KCXO, regularly flown – average 102 hours/year since September 2018 engine overhaul (134 SMOH, 5633 TT), ADS-B in & out. Annual Inspection 10/19/19. Contact Keith Pache [pilotpache@aol.com](mailto:pilotpache@aol.com), 713-412-7010. 1/20

1000+ Hour Pilot looking to form or join an "RV Partnership or Flying Club" based at CXO. I have 500 hours in an RV6, have owned 5 planes, some in partnership. EAA and AOPA member and currently a member of Aero Club of Houston flying a Grumman Tiger. I have RV buy/build/repair/maintenance experience, Partnership/Club experience and a T-Hangar in "The Flats". Please text me if interested. Pete Sand 832-545-4878 12/19

**For Sale:** AIRGIZMOS IPAD MINI Panel Dock, \$30 OBO. NEW External Cabin Steps for the RV-6A, 7A, and 9A, Powder coated. \$80 OBO. Garmin 296 with extra antennas and mounts. \$150 OBO. Garmin/Apollo SL 60 WAAS GPS/ COM + Rack + Indicator \$900 OBO. Contact: Bill Donahoe 936-443-6846 [wbdonahoe@hotmail.com](mailto:wbdonahoe@hotmail.com) 11/19



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dirvine1945@gmail.com

**Events**

Keith Pache 713-412-7010  
pilotpache@aol.com

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.

