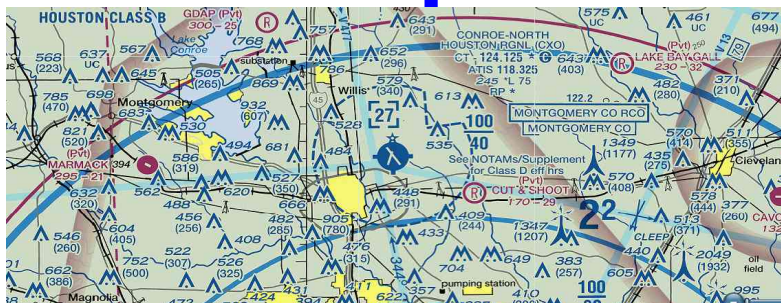


# EAA Chapter 302



## Newsletter



Volume 40-Issue2  
February, 2018

## MEETING NOTICE

# February 10, 2018, 10:00 AM

See the last page for a map to the meeting

### IMC/VMC MEETING



Wednesday

**!February 21!**

7-8PM

Galaxy



### THIS MONTH'S PROGRAM

News from HQ

Bill O'Neil's Berkut 360  
EAA AirCam Build

Fuel Primer System



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# January 13, 2018 Meeting Minutes

**Meeting Called to Order** by President Joe Waltz. Rich Jankowski led the POA.

**President's Message and State of the Chapter Review:** Introduction of Officers and Committee Chairmen (Listed on last page of newsletter). Last year we flew 37 Young Eagles and sponsored one student to attend the EAA Air Academy at Oshkosh. Allen Archer (RV-10) and David Hudson (RV-9A) made first flights in their newly constructed aircraft, Jimmy Crawford returned his RV-4 to flying status with a new panel, and Tom Davenport bought a new Legend Cub. We have over 29 aircraft being constructed in our Chapter!

**Membership:** Dues are due! It's a new year and time to get your \$25 membership dues paid! Dues are for the calendar year and are due for all members as of January 1st every year. You may pay on the EAA302.org website, mail in a check to Don Guice, or give your payment to Don or Brent Crabe.

**Visitors:** Rex Calvert, a 777 United pilot and guest of Tom Massey.

--Trina Engels with her son Mason. Mason is ready to fly as a Young Eagle!

**New Members:** No new members this month.

**November Meeting Notes:** Approved without comment.

**Treasurer's Report:** Don Guice reports a beginning balance on 11/1/17 \$4759, income \$1120, expenses \$1393, resulting in a balance of \$4486.

**Young Eagles:** Goebel anticipating events in March and April. Single flights occurring periodically. Pilots need to verify qualifications before flights. \$1/Gal off avgas for pilots flying YE. Mike is looking for a couple of volunteers to join his YE committee.

**This Day in Aviation History:** Astronaut John Young died this week. Young was an experimental aviator in the Naval Test Pilot school, was in the 2nd class of astronauts, flew in the Gemini, Apollo (visited the moon twice), and Space Shuttle programs. He wrote a fascinating book titled "Forever Young".

**Events Report:** Keith Pache reports the Christmas Party was a financial and social success with over 70 in attendance while still breaking even on expenses. IMC/VMC meeting normally on 2<sup>nd</sup> Wednesday will be the 3<sup>rd</sup> Wednesday this month due to Valentine's Day. Check Keith's Events Page on the EAA302.org website. Today's after meeting fly out going to Madisonville.

**Oshkosh Plans:** Goebel suggesting setting up a Chapter campground compound during Airventure with a large Chapter camping/socializing area. Goebel to establish committee to organize the effort.

**Shop Tip:** Don Brewer reporting on wooden aircraft, comparing mahogany plywood to "Okume" plywood from the gaboon tree from Gabon. Mahogany is very thin, expensive, and not as good in Don's estimation as the Okume. RV builders slept through this discussion!

**Homebuilder Hints Video:** Installing engine controls in aircraft. Use 742 clamps without cushion.

**Old Business:** Irvine has organized our Chapter tools in Jim Smith's new hangar. The website lists what is available. Please use sign out board in the shop.

**Project Reports:** *(Email Miles Demster large file pictures of your project before each meeting.)*

-- Darryl Foster (RV-7) Finishing wings with the assistance of Waltz and Crawford

-- Dave McDonald (RV-10) AC and cowling work. Aerotronics cutting panel, Dave will wire.

-- Doug Malloy (Zenith 750) Wiring console, heater valve caps made, moved to CXO.

--Don Brewer (Pietenpol) Wings and tail done. Working on fuse. Moving to CXO soon.

--Jay Strepman (RV-7) Wiring engine and panel. Overhauling used engine.

**Program:** EAA Hall of Fame Awards Ceremony and a visit to Spruce Creek.

**Adjourned** to Madisonville or Mckenzie's BBQ.



# EVENTS COMMITTEE UPDATE

**Keith Pache 713-412-7010**, [pilotpache@aol.com](mailto:pilotpache@aol.com)

- 1) 10-11:30am Saturday February 10<sup>th</sup> Chapter Meeting (Galaxy FBO).
- 2) 11:30am - ?? After our Sat. February 10th Chapter Meeting Flyout – Coulter Field & the Messina Hof Winery & Restaurant. Let me know if you're thinking of going, have any available seats in your plane, or are looking for a ride. Good food and friendly conversation for all (see newsletter flyer for details)!!
- 3) 7:00-8:30pm Wed. February 21<sup>st</sup> IMC/VMC Club Meeting (IFR & VFR scenarios, organized hangar flying). Galaxy FBO – same room as our monthly Chapter meetings. Coffee, water and light snacks.
- 3) Events Calendar: Here's a partial list of upcoming events below. You'll find many more by clicking on our website Flying Events tab (typically updated Thursdays): <http://www.eaa302.org/>

## EAA 302 Flying & Social Events Calendar

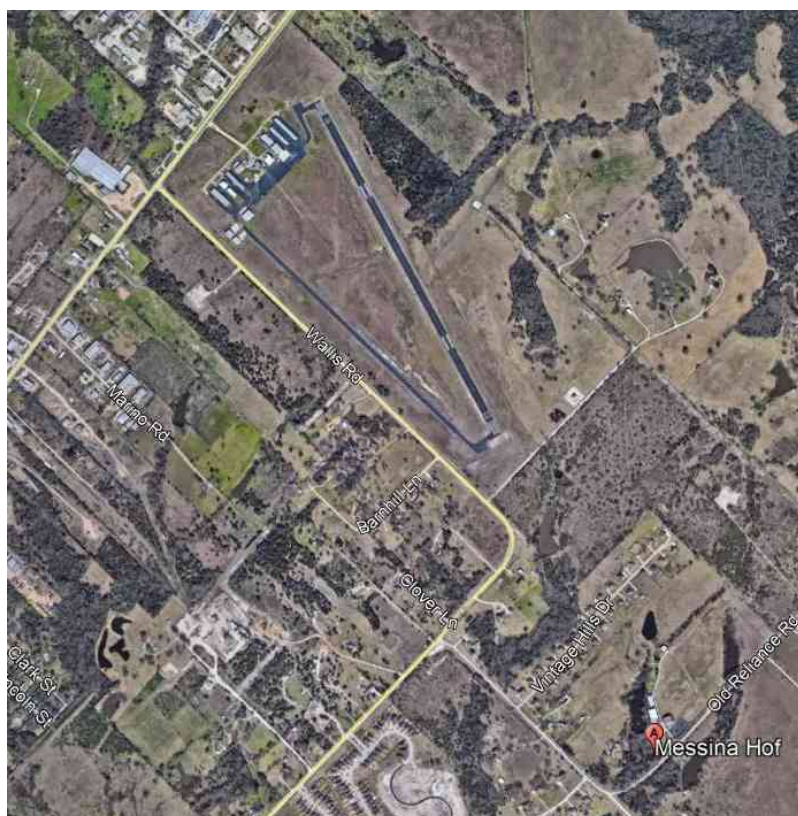
Please let me know of any aviation events that might be of interest to our members!! Keith Pache 713-412-7010, [pilotpache@aol.com](mailto:pilotpache@aol.com)

Date	Description	Location	Website	Contact
2/8/18	7:00pm Webinar: The Improbable Turn-Are YOU Ready? Did you know take-off and initial climb are the most fatal phases of flight? (NALL Report). Join Rod Machado, Russ Still, and David St. George to gain insight in this critical phase of flight.	The comfort of your own home	<a href="https://www.faa.gov/SPANS/event_details.aspx?eid=80719">https://www.faa.gov/SPANS/event_details.aspx?eid=80719</a>	David St. George 607-351-3637 <a href="mailto:david@safePilots.org">david@safePilots.org</a>
3/10/18	10:00-11:30am EAA 302 Meeting	KCXO-Conroe North-Houston Regional Airport	<a href="http://www.eaa302.org/">http://www.eaa302.org/</a>	Joe Waltz 832-515-1008 <a href="mailto:joeawaltz@yahoo.com">joeawaltz@yahoo.com</a>
3/10/18	11:30am - ?? After Meeting Flyout to TBD (see Newsletter flyer for details)	KCXO-Conroe North-Houston Regional Airport	<a href="http://www.eaa302.org/">http://www.eaa302.org/</a>	Keith Pache 713-412-7010 <a href="mailto:pilotpache@aol.com">pilotpache@aol.com</a>
3/14/18	7:00-8:30pm EAA 302 IMC/VMC Club Meeting	KCXO-Conroe North-Houston Regional Airport	<a href="http://www.eaa302.org/imcvmc.htm">http://www.eaa302.org/imcvmc.htm</a>	Keith Pache 713-412-7010 <a href="mailto:pilotpache@aol.com">pilotpache@aol.com</a>
3/24-25/18	Wings Over South Texas Airshow	KNQI-Kingsville Naval Air Station	<a href="http://www.wingsoversouthtexas.com/">http://www.wingsoversouthtexas.com/</a>	
4/10-15/18	SUN 'n FUN Int'l Fly-In Expo	KLAL-Lakeland Linder Regional Airport Lakeland, Florida, USA	<a href="https://www.flysnf.org/sun-n-fun-intl-fly-expo/">https://www.flysnf.org/sun-n-fun-intl-fly-expo/</a>	863-644-2431 <a href="mailto:fly-info@flysnf.org">fly-info@flysnf.org</a>
4/11/18	7:00-8:30pm EAA 302 IMC/VMC Club Meeting	KCXO-Conroe North-Houston Regional Airport	<a href="http://www.eaa302.org/imcvmc.htm">http://www.eaa302.org/imcvmc.htm</a>	Keith Pache 713-412-7010 <a href="mailto:pilotpache@aol.com">pilotpache@aol.com</a>
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4/14/18	11:30am - ?? After Meeting Flyout to TBD (see Newsletter flyer for details)	KCXO-Conroe North-Houston Regional Airport	<a href="http://www.eaa302.org/">http://www.eaa302.org/</a>	Keith Pache 713-412-7010 <a href="mailto:pilotpache@aol.com">pilotpache@aol.com</a>
	Critters Lodge Spring Fly-In (weather date May 4-6) Our kick-off dinner on			



# AFTER-MEETING FLY OUT TO BRYAN

Something different for our February After-Meeting Flyout, and it's a bit upscale from our usual fare. Got this one out of Fun Places To Fly.com. The lunch at The Vintage House Restaurant looks tasty and folks have the option to take a 2:00pm tour of the winery (\$15 but pilots cannot partake in the wine tastings). Land and take the courtesy car, or Messina Hof will run over with a shuttle. Check in with Keith Pache at the meeting for arrangements.



## BRYAN

**COLTIER FLD (CFD)(KCFD)** 3 NE UTC-6(-5DT) N30°42.94' W106°25.24'

367 B NOTAM FILE CFD

RWY 15-33: H4000X75 (ASPH) MRL

RWY 15: REIL PAPI(P2L)—GA 3.5° TCH 40'. P-line

RWY 33: REIL PAPI(P2L)—GA 3.5° TCH 40'. Trees.

SERVICE: S4 FUEL 100LL, JET A LGT Dusk-Dawn. MRL Rwy 15-33 preset low ints; to incr ints ACTIVATE—CTAF. All twy lgt OTS. Rwy 33 REIL OTS indef.

AIRPORT REMARKS: Attended Mon-Fri 1400-2300Z, Sat-Sun variable. Deer and livestock on and invof arpt. Unlgt hangars 450' southwest

AER 15. Unlgt supplemental windsock 460' SW AER 15.

AIRPORT MANAGER: (979) 209-5231

WEATHER DATA SOURCES: AWOS-3PT 125.975.

COMMUNICATIONS: CTAF/UNICOM 123.0

HOUSTON APP/DEP CON 134.3

RADIO AIDS TO NAVIGATION: NOTAM FILE CLL

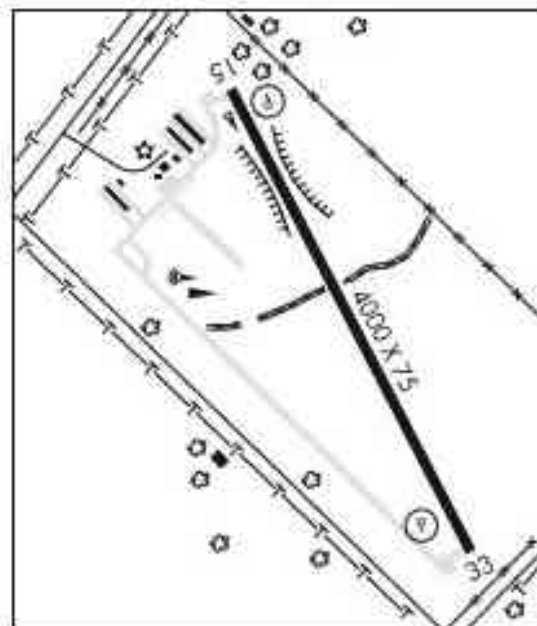
COLLEGE STATION (L) VORTACW 113.3 CLL Chan 80 N30°36.30' W96°25.24' 027° 8.1 NM to fld. 264/8E HIWAS.

TACAN unusable:

- 101°-130° byd 25 NM blo 2,500'
- 131°-148° byd 30 NM blo 2,500'
- 149°-160° byd 30 NM blo 2,000'
- 325°-349° byd 30 NM blo 2,500'
- 350°-100° byd 25 NM blo 3,500'

VOR unusable:

- 024°-034° blo 4,000'
- 024°-034° byd 20 NM
- 131°-142° blo 7,000'
- 142°-152° byd 30 NM
- 152°-189° blo 7,000'





# JANUARY 13 MADISONVILLE FLY-OUT



At only 44 nautical miles away, this one came in way less than the usual \$100 hamburger. We decided to add a new field to our growing list of places to eat with your plane.

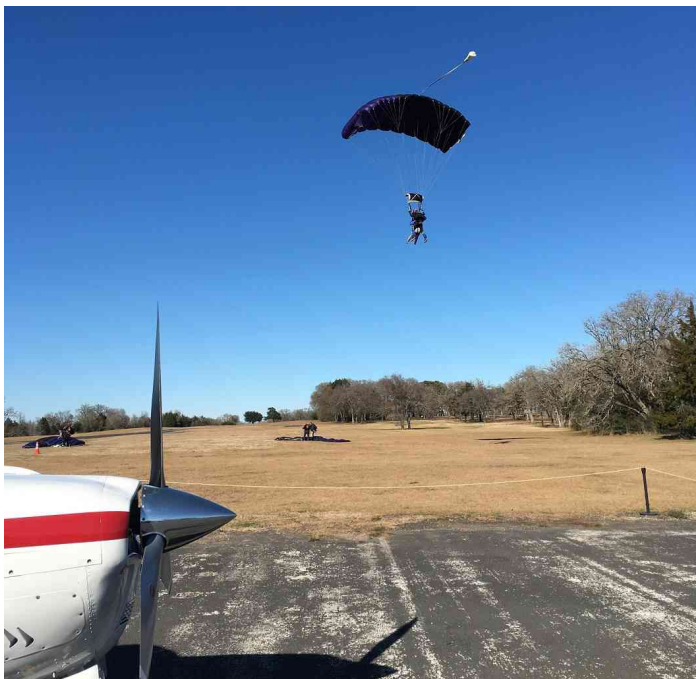
Left you see some of the group who gathered at the Oakridge Golf Course just west of Madisonville. The waitresses are some of the friendliest ever, and they have 3 different rooms for large groups. The burger platter is shown—and you need to try their homemade potato chips.



Madisonville (51R) is on a fast-track improvement schedule. They have an upcoming resurfacing of their runway, doubling the size of the parking apron. They've just finished the installation of a new self-service fuelling facility, which still does not show on any of the Airport Information apps.

The field is home to a large club of skydiving enthusiasts. They draw participants from all over the state by using a Cessna 182 for small groups, and a Cessna Caravan for up to 20 divers.

Make sure you don't miss the next flyout. They're a lotta fun.



# Young Eagles--2018



There are 3 Young Eagles Rallies planned for this Spring, flying out of KCXO.

**March 17 (Saturday)** - Montgomery High School - "Build-a-Plane" students

**April 6 (Friday)** - Woodlands High School - Air Force JrROTC

**April 20 (Friday)** - Magnolia High School - Navy JrROTC

These Rallies will require numerous pilots (at least 6-8) as the groups will range in size of 15 to 25 students. Volunteer ground crews will also be required. Please get your Pilot / Aircraft Qualification forms to Mike Goebel soonest.

Four Chapter 302 member pilots flew 4 Young Eagles in our "One-on-One" program. Special thanks to pilots Tom Sanborn, J.Pohosky, M.Goebel and Denny Irvine.

We always have several young Eagles looking for "One-on-One" flights on weekends or after school hours.

Additionally, Young Eagles can be available for the lunch fly-out after our monthly Chapter Meetings – looking for volunteer pilots ! Please contact Mike Goebel at (832) 628-5660 to make arrangements and acquire the necessary EAA forms.



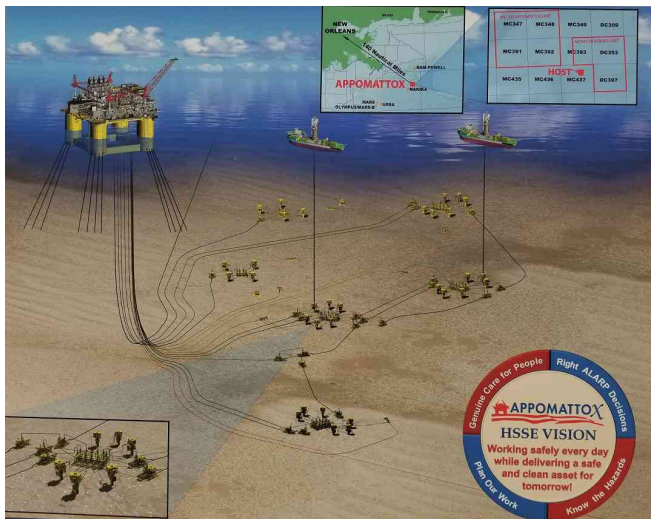
Tom Sanborn with Young Eagle Megan Milbaum alongside a Silver Eagle (very cool)



## EAA 302 TOOL CRIB GROWS BIGGER



Last January, a small group of 302 members headed out to pick up a mill from a local manufacturer in Conroe. The contact for this machine was made by your President, Joe Waltz, with one of his neighbors—Tim Gearn. The picture at the left shows the mill already loaded on a trailer which Gearn loaned us. It was then transported to KCXO.



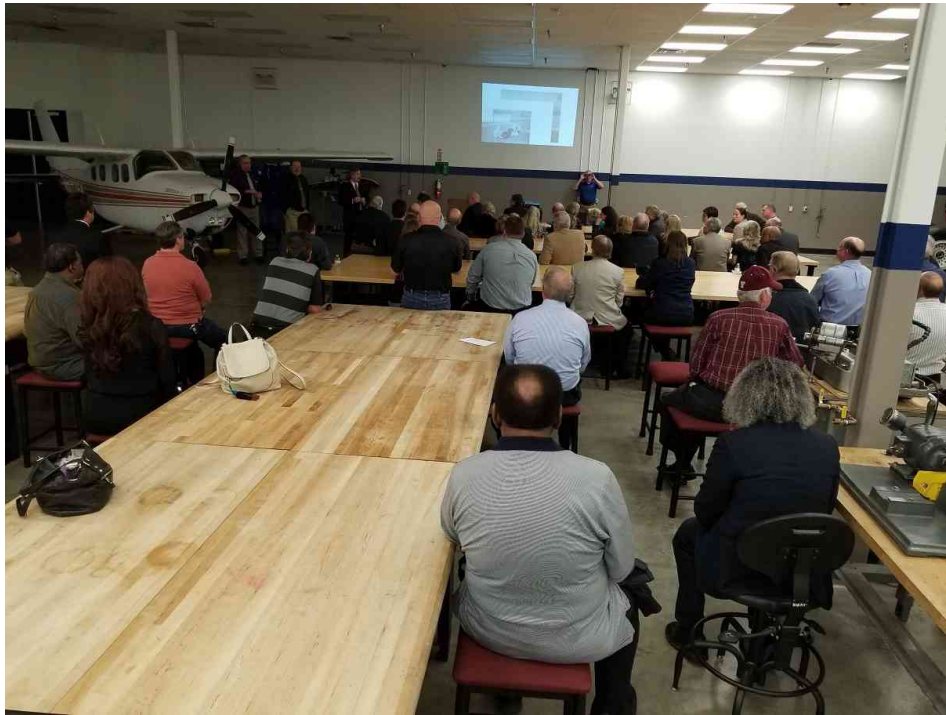
Tim Gearn is President of “Gearn Offshore”. They manufacture large equipment used in the offshore oil industry—primarily reels used for the cables that are deployed from oil platforms to the ocean floor.



At KCXO, we were able to borrow a forklift and then move the machine into tool guru Irvine's hangar for further attention. It is actually a “Jig Bore”—a 1500# behemoth that can bore extremely accurate holes. It is in great shape according to Shop Tip Expert Tom Kreiner. It needs some modification to its drive motor and a general overall cleanup.

Once it's ready, it will be moved into our central Tool Crib repository in member Jim Smith's hangar.

# MEMORIAL FOR PAUL DOWNS



On Saturday, January 27 at 2:00 pm, over 100 people gathered at the Institute of Aircraft Maintenance near Houston Intercontinental Airport. Several of our EAA 302 members were there along with members of Paul's family. You couldn't have picked a more appropriate place for a guy who had spent his whole life in the maintenance area of the FAA.

## ANOTHER ADDITION TO THE TOOL CRIB

Thanks to your hard workin' Treasurer, Don Guice, our newly created 501c3 status has brought us some more tools—This time from Member Tim Knapp. He has donated a Lincoln MIG welder, Lincoln Plasma Cutter, and a 220V extension cord. They can be seen at Jim Smith's hangar.



220V MIG Machine



110V Plasma Cutter



220V extension cord



# 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)

**For Sale** '64 Piper Cherokee 140 - engine past TBO, flies well, good compressions. \$13,000. Contact Keith Pache 713-412-7010 or Larry Urban 936-520-8089. 2/18

**Wanted:** Up to 5 partners (including myself) to purchase and FLY a '67 Piper Cherokee 180 (N4793L). The cost is \$33,000, so only \$6,600 each. It's a very nice plane – I flew it for 9+ hours in March. Only 300 hours since major overhaul and 4,200 total time. 984 Pounds useful load, so 684 payload with full fuel (50 gallons). Annual Inspection May '16. Contact me if interested and I can provide additional photos and information. Keith Pache [pilotpache@aol.com](mailto:pilotpache@aol.com), 713-412-7010 12/17

**Sonex project** - tail feathers complete, one wing complete, one wing ready to install skin. This is a complete kit for the entire aircraft. Sale includes my 12' X 4' workbench, wing cradle, clecos, and other tooling. Pictures on request. May be inspected at my shop in Crosby. Asking \$8,000. Tom Wilson 281-636-3834, [4079wilson@gmail.com](mailto:4079wilson@gmail.com).

## Tools For Sales – Project Completed

Pneumatic "C" squeezer and adjustable set holder (Avery Tools) \$300, C-frame dimpler/riveter (Avery Tools) with table riser \$125, and RV Gear Leg Stiffener Set (Flyboy) still in box \$40. **Contact:** David Hudson 281.782.8726. 12/17

PARTNERSHIP AVAILABLE--1947 AERONCA L-16A WARBIRO C85 • HISTORICAL AIRCRAFT--Based at CXO • STC'd 1320# Gross, LSA compliant, Original USArmy L-bird, ADS-B exempt, 2970TT, C85-8FJ, recent Poplar Grove Airmotive major overhaul with only 140SMOH, all accessories overhauled, updated Goodyear disc brakes, new shoulder harnesses, recovered 1990 and always hangared, own a piece of history, this model saw duty in Korea and gets displayed at fly-ins, green house glass provides unrivaled visibility, external antenna provides excellent communications. Available at CXO to see and fly. Establishing partnership for 4 at \$7K/person, could be up to 5 people. Tailwheel check out available. Jeff Lehner Cell: 219-608-1463 Email: [jefflehner@hotmail.com](mailto:jefflehner@hotmail.com) 10/17

**14 S-7S** \$99,000 EABLSA, 270 hours TTAFE, Rotax 912 ULS, Whirlwind 3 blade carbon fiber ground adjustable prop, Oratex covering, VG's, 732 lbs. EW, bush tires and tailwheel, full Dynon Touchscreen Skyview with 10" screen, map and charts, com, intercom, engine monitor, mode S transponder, ADSB in and out, 2020 compliant, 2 axis autopilot, backup battery. You won't find a nicer or better equipped S-7. Always hangared and flown regularly; fresh condition inspection with sale. CONTACT: JIM POHOSKI: [JIMPOHO@SUDDENLINK.NET](mailto:JIMPOHO@SUDDENLINK.NET) 936-524-7872 9/17

## Classified Ads--Continued

**2006 ZENITH ZODIAC 601 XLB • \$29,500 • LIGHT-SPORT  
READY TT** 286.0 Continental 0-200 engine and 601xlb  
airframe, dual sticks and brakes, electric aileron and elevator  
trim, aileron cables have been replaced with push/pull rods,  
Warp 3 blade prop. Dynon AOA, EFIS D100 and EMS D120, VSI,  
Altimeter, Air Speed, HOBs meter, Clock, Bendix King  
Transponder KT76A, Radio KY97A and ICOM IC-A24 Hand held  
connected to audio panel, Lowrance Airmap 1000 GPS,  
Intercom Sport 200, two Pilot DNC XL headsets. Will consider  
financing.

• [Charles W. Chesnut](#), Owner - Humble, TX USA • Phone:  
254-315-5850 . •

8/17



**EAA 302 Officers & Contact Info**  
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Keith Pache 713-412-7010  
pilotpache@aol.com

**Young Eagles/Eagles**

Mike Goebel 832-628-5660  
mikeygoebel@hotmail.com

**Property**

Denny Irvine 936-827-0091  
dirvine1945@gmail.com

**Website**

David Hudson 281-782-8726  
dlhud@sbcglobal.net

**Membership**

Bob Humes 832-423-8442  
bobhumes@rwhumes.com

**Newsletter**

Denny Irvine 936-827-0091  
dirvine1945@gmail.com

**Events**

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

We now meet in Galaxy FBO's newly finished building on the South Side of Lonestar Regional. Use the south entrance, 1<sup>st</sup> floor. Meetings start at 10:00AM.

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

See you there.

