

EAA Chapter 302



Volume 42-Issue 9
September, 2020

Newsletter

“VIRTUAL” MEETING NOTICE
SEPT. 12TH, 2020, 10:00 AM
See PAGE 3 for meeting information

IMC/VMC MEETING



Normally
Sept 10
7:00



Canceled
See
Page 6

THIS MONTH'S PROGRAM

Pilot Proficiency

de Havilland Gipsy Moth

VW Engine Basics



Fall arrives September 22nd
Cooler Flying Weather Ahead!

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AUGUST 8TH, 2020 MEETING MINUTES

Call to Order: President Joe Waltz called our *fifth* WebEx meeting to order at 10 AM. Approximately 32 members were checked in for the meeting.

Pledge of Allegiance: John Wayne fizzled...Well, John never did, but this video of him leading our pledge did!

Guests / New / Current Members: FYI member George Dowdy, an engineering teacher at Porter High School was logged on today. Some advanced level engineering students from both Porter and New Caney high schools will have the opportunity to build an RV-12 in association with Tango Flight.

Safety Minute: FAA FAAS Team Program Manager Phill Dixon says failure to properly secure aircraft components can compromise power plant and control system operation, leading to system and component failures. Properly secure aircraft components with safety wire, ensure that hardware locking mechanisms are properly installed on your aircraft, and check them often to confirm they are taut and ready for flight.

Search YouTube: *Safety Wire in 57 Seconds*

Program: Eddie Kurdziel, EAA 431776, brought his rare Fairey Firefly AS6 to EAA AirVenture Oshkosh 2019, and won Reserve Grand Champion: Post World War II. The Firefly was introduced in 1943, and operated by the British Royal Navy as a fighter and anti-submarine aircraft, and was also used in a ground-attack role during the Korean War. Search YouTube: *Captain Eddie's Fairey Firefly*

Projects: Jim Morriscal / CarbonCub EX = Using Stits Poly-Fiber cover system. Finished cover on left wing. On to the right wing.

Ernie Brown / RV-14A = Dimpling and riveting elevators, priming parts. Planing quick build tail section. Needs a Tech Counselor.

Darryl Foster / Vans RV-7A = Riveting avionics cowling. Bravely showed a video of the first power up of Dynon HDX screens / avionics & electronics.

Rich Jankowski Reports / Great performance demonstrated by Allen Archer / RV-10 on a recent three leg x-country, Don Guice / RV-7A needed some prop adjustment, nice handling airplane.

Brent Crabe's RV-14A and Joe Waltz's RV-10 have returned from the paint shop!

Hints for Homebuilders: Mark Forss from the EAA SportAir Workshops staff demonstrates a handy homebuilt tool to aide in the installation of pull rivets thru slightly misaligned holes. Search EAA Hints for Homebuilders: *Pull Rivet Installation*

Treasurer's Report: Beginning balance for July 1, 2020: \$8344.97 + \$200 cash on hand. Ending balance June 30, 2020: 8676.08 and \$200 cash on hand.

News / Reports:

--Check our Events Calendar for aviation opportunities.

--Remember: EAA's Sprit of Aviation Week ended July 25. You can watch content. Search YouTube: *EAA Spirit of Aviation Week*

--KCXO News / Mary Wilson KCXO Administrative Assistant has retired with 36 year of service. Stormi Erickson is the new admin assistant.

Missed our virtual meetings? Check **YouTube**, subscribe and get caught up. Thanks to Darryl Foster. Search YouTube: *EAA 302 Conroe*

Adjourn:

--Standby for news of how we will do the September 12 meeting.

--No fly-out this month.

SATURDAY SEPTEMBER 12TH MEETING

A “Virtual” Webex Meeting

While the infection rate has begun to decline, the restrictions on public meetings have not gone away. Once again we will be forced to forgo getting together in person.

Therefore, we will meet again online this Saturday. Here is what you need to know to easily join the Webex meeting:

The screenshot shows a sidebar menu on the left with the following items: Members Only, Web Store, Classifieds, Links, Vendors, Donations, Virtual Meeting (highlighted with a red arrow), and YouTube Channel. To the right, there is a news article titled "Young Eagles Day @ KCXO" with a photograph of an airport terminal building.

1. You should go to our web page EAA302.org. Darryl has added a new page called Virtual Meeting. Click on that. It will take you to two things you will be interested in:

a. An explanation of how the meeting will work and things you should know. If you like, you can click on the YouTube link and learn more.

b. Above that, you can click on the live link (“Join”) to be taken to the meeting. Or, you will also receive the link when you get this copy of the Newsletter.

MEETING SITE OPEN AT 9:00
MEETING STARTS AT 10:00
Cameras will be on this time

The screenshot shows the main content area of the website. It features a sidebar menu on the left with items: Welcome, From the President, Contacts, Location, Join Our Chapter, Flying Events, IMC/VMC Club, Young Eagles, Photos, Videos, Newsletters, and Builders Log. The main content area has a heading "Sep 12 Monthly Chapter Meeting" and a link "Link to Webex Meeting" (pointed to by a red arrow labeled 'b.'). Below that is a section titled "First time Webex Users" (pointed to by a red arrow labeled 'a.') with a list of instructions for new users.

We will be doing “Projects”, so send your pictures to Miles and be ready to step up to the microphone.



EVENTS COMMITTEE UPDATE

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

1) Thu. September 10th IMC/VMC Club Meeting – **CANCELLED**.

2) 10:00-11:30am Sat. September 12th Chapter Meeting (Online – comfort of your home). Click on the Virtual Meeting link at the bottom left of our website <https://www.eaa302.org/>

3) Sat. September 12th After Meeting Flyout – **CANCELLED**.

4) 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/ea/news-and-publications/ea-webinars>
- d) FAA Safety Webinars = <https://www.faasafety.gov/SPANS/events/EventList.aspx>

5) 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
9/9/20	7:00-8:30pm EAA Webinar: Keeping your Rotax Alive	The comfort of your own home	0 nm	http://pages.eaa.org/WBN2020-09-09KeepingyourRotaxAlive_LP-Registration.html	None
9/12/20	10th Annual Mark Hardin Air Race Educational Event	KTRL-Terrell Municipal Airport Terrell, Texas, USA	148 nm	https://www.funplacestofly.com/aviation-event-details.asp?EventID=24276	Patricia Purcell 903-564-9410 ppurcellk@aol.com
9/15/20	7:00-8:30pm EAA Webinar: Unusual Attitude Training Versus Upset Prevention and Recovery Training: What's the Difference and Why Does it Matter?	The comfort of your own home	0 nm	http://pages.eaa.org/WBN2020-09-15UnusualAttitudeTrainingVersusUpsetPreventionandRecoveryTrainingWhatstheDifferenceandWhyDoesitMatter_LP-Registration.html	None
9/18-19/20	10:00am-3:00pm US Aircraft Expo	KADS-Addison Airport Dallas, Texas, USA	173 nm	https://www.usaircraftexpo.com/	Leslie Barto 480.247.8621 leslie.barto@usaircraftexpo.com
9/22/20	7:00-8:30pm EAA Webinar: So You Think You Can Make a 180 Back on Takeoff? An In-Depth Look at Engine Failure Options	The comfort of your own home	0 nm	http://pages.eaa.org/WBN2020-09-22SoYouThinkYouCanMakea180BackonTakeoffAnIn-DepthLookatEngineFailureOptions_LP-Registration.html	None
9/23/20	7:00-8:30pm EAA Webinar: Founder's Innovation Prize Grand Championship Check-In	The comfort of your own home	0 nm	http://pages.eaa.org/WBN2020-09-23FoundersInnovationPrizeGrandChampionshipCheck-In_LP-Registration.html	None
9/24/20	Noon-1:00pm EAA Webinar: EAA Young Eagles Workshops: Day Camp Program for Chapters	The comfort of your own home	0 nm	http://pages.eaa.org/WBN2020-09-24EAAYoungEaglesWorkshopsDayCampProgramforChapters_LP-Registration.html	None
9/26/20	11:00am EAA 972 Runway Gumbo (and Poker Run)	T25-Aero Estates Airport Frankston, Texas, USA	104 nm	https://www.socialflight.com	Barton Robinett 903 736 3990 flyboy1423G@aol.com
9/26/20	11:00am Monthly Flying Oaks Fly-In and Cookout	2TE2-Flying Oaks Airport Fort Worth, Texas, USA	184 nm	https://www.funplacestofly.com/aviation-event-details.asp?EventID=24430	Vansrv4ator@gmail.com
10/2-4/20	Old school Fly-In & Airshow No.14	F23-Ranger Municipal Airport Ranger, Texas, USA	210 nm	https://www.rangerairfield.org/airshow	254-433-1267 info@rangerairfield.org
	7:00am-9:00ish EAA 614 First	210-Pineville Municipal Airport		https://www.facebook.com/FAA-614-	

ZERK TROUBLES

By Joe Waltz



I had a mechanical issue that seemed bizarre but potentially hazardous. Something you could be impacted by.



Immediately after takeoff I noticed an obscuration on the windscreen of my RV-10. Initially thought I had flown thru a rainshower but realized that rain would cover the whole window, not just the center section. I returned for landing and found a greasy substance on the windscreen and an orangish slush on the cowl lip behind the spinner. I removed the top cowl half fully expecting to find a blown nose or prop seal but didn't. It was perfectly clean. I removed the spinner and found a large slug of prop grease directly opposite the zerk fitting on one blade. The cap on the fitting was popped off too.



I called a prop shop and was told that there has been a batch of bad fittings recently and to replace it, service it and fly it? Who ever heard of a zerk going bad? A housing, a spring and a ball. Not much more complex than a bolt.



The photos show the filler zerks as removed from the prop. Obviously, the one on bottom was the bad one. I think the ball is down in the hole as if the spring collapsed. I'll cut it open to investigate. This prop only has 45 hours on it since new. I serviced it once at 5 hours after initial install and have had 40 trouble free hours since.

Can't explain how this happened but as a side, it seems that good practice might be to insure that the ball is properly seated after servicing by pushing in on it and observing it springing back in place. My previous practice was to only visually confirm it was in place.



From Tommy Fankhauser IMC Director



FLYING LESSONS for August 27, 2020

by Thomas P. Turner, Mastery Flight Training, Inc. Flight Instructor Hall of Fame inductee

--On August 1, 2020, a Grumman American AA-5 [stock photo at right] impacted terrain less than a mile west of the airport. The private pilot was fatally injured.

--The pilot said he was going to "fly a couple laps" around the traffic pattern.

--The airplane had not flown in 14 years and the airplane was "in pieces" when it was purchased.

--The unassembled airplane was transported to the pilot's home where it was partially assembled by the pilot and then moved to the airport.

--The pilot did not hold an FAA-issued mechanic certificate but was known to restore, build and repair vehicles and boats.

--The pilot performed a test-flight of the newly assembled airplane on July 14, 2020 and reported that some of the gauges were not working. The nonpilot co-owner thought one of the gauges was a fuel gauge.

--The airport manager said the pilot liked to "tinker" with things. His goal was to get the airplane to a point where he could have a certificated Airframe & Powerplant mechanic perform an annual inspection.

--The pilot had flown the airplane a few times before the accident flight. On one flight the engine sputtered and lost power, but the pilot was able to land safely back at the airport. The pilot told the airport manager he had a problem with vapor lock and some of the gauges were "acting up." The airport manager said that on the July 14th flight, the pilot was taking off and landing numerous times on the 5,000-ft-long runway. During this flight, the airplane struck a runway light and had a tail strike. The pilot's last FAA third-class medical was issued on November 21, 2017 and expired at the end of November 2019. He did not report his flight hours at the time the medical certificate was issued.

The normalization of deviance

The lack of bad outcomes can reinforce the "rightness" of trusting past practices instead of objectively assessing the risk, resulting in a cultural drift in which circumstances classified as "not okay" slowly come to be reclassified as "okay."

Strategies to recognize and combat the normalization of deviance have become a staple in many industries far beyond just the aviation and aerospace world. They are just as applicable to flying light aircraft. Ultimately it comes down to this: do the right thing.

The real LESSON

The question is between where each of us are now (individually) and where that Grumman pilot was mentally on August 1. The LESSON from this accident discussion is for each of us to consider this question for ourselves: "Where do I draw the line?" Where do you draw that line?



YOUR NEW ONE STOP SHOP

Located at Lone Star Executive Airport (KCXO)

936-441-2900



MW Aircraft started as a one man shop back in 1997. It has grown into a fully staffed company providing aircraft maintenance, inspections and repair services.

We have recently expanded into avionics. We have a full staff of highly qualified and talented avionics technicians with over 25 years of experience.



10298 C Pickering Memorial
Hangar #10

MWAircraft@consolidated.net

Avionics@MWAir.com

Conroe, Texas 77303

ANY PORT IN A STORM



It was just over a week ago that Hurricane Laura came ashore and threatened the Third Coast. All the Gulf helicopters (3 different companies) sheltered at KCXO. Here you had 16 of these giants on the Galaxy ramp, and 16 more at the old Wing for a total of 34 machines scattered around the airport.

THE “SWINDLE” LIVES ON Also Known As the “50-50”



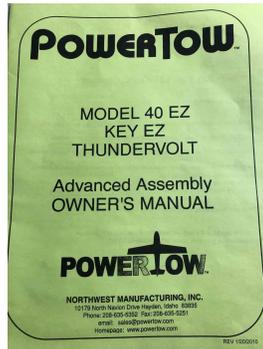
A virtual meeting can't stop the famous “Swindle”! You can still participate. Before the meeting, go to EAA302.org. You will see a button labeled “Donations”. It will be only \$5 increments, and your investment will be given a number. At meeting's end, a number (or 2) will be drawn and you will get your winnings at the next in-person meeting.

There will also be a drawing for your picture on the website.

Be aware—PayPal has been giving false “donation canceled” messages.

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



Electric Aircraft tug—Barely used, less than 2 years old, works great and looks like new.

Contact Mason Engles
281-825-8041
mengles26@yahoo.com

Hangar desired- Looking for shared hangar space for a Piper Arrow 3 (36 ft. wingspan). Please contact Ed Conant, edward.conant@earthlink.net, if you have hangar space available that you'd like to rent out. 9/20

For Sale: Nearly new home and hangar on the Livingston Airport. Belongs to our member Tom Davenport. Contact him directly tomballoonatic@gmail.com, or go to: https://www.har.com/search/dosearch?for_sale=1&streetaddress=111%20Taxiway It contains dozens of pictures. 8/20

For Sale: NEW model 6350 Champion/Slick non impulse magneto for IO-540, \$900. 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. Contact: Bill Donahoe 936-443-6846 wbdonahoe@hotmail.com 6/20

For Sale—Hangar at Lake Livingston airpark (00R). Owner is 302 member Rick Oliver. 45 X 65 . Door is 10 x 38 and rear door is 10 X 10 . Electric and lights. Anyone interested can contact Roxanne at 936-327-6934. 6/20



For Sale--1947 Aeronca L-16 – Do you need to build tailwheel time? How about a partnership in a in a 1947 Aeronca Champ L-16? I am offering one half share for \$13,500 or two quarter shares for \$6,750 each plus share of hangar rent and insurance going forward. The Aeronca L-16 was a United states Army liaison aircraft derived from the Aeronca Champion Model 7 Series. The L-16 saw extensive service during the Korean War. I do not know if this particular aircraft actually flew over North Korea. Annual: 5/16/2020, Total Hours: 3048.56, hours since major overhaul: 207.46. Documentation appears to be original. Contact Bob Humes: 832-423-8442 / bobhumes@rwhumes.com. 6/20

**For Sale
1947 L-16A
(7BCM) Prime
Condition
\$27,000**



USAF SERIES

L-16A AND L-16B

AIRCRAFT



Full sale or partnership available, based
at CXO (Just off DD)
Text or Call Miles: 214-908-3320; email
milo_4545@yahoo.com

Continental C-85-8FJ - 85 HP;
209 SMOH
Airframe TT 3,049, Annual
May 2020
Sigtronics Transcom II - 2
Place Intercom, External
Antenna, ICOM IC-A22
Dolly, and other accessories
included
Well Maintained, Hangered,
Regularly Flown

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Events

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We now meet in Galaxy FBO's building on the South Side of the Conroe-North Houston Airport. Use the South Entrance, 1st 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.

