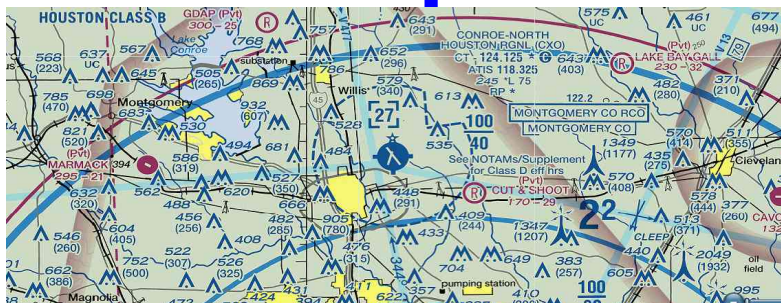


EAA Chapter 302



Volume 42-Issue 5
May, 2020

Newsletter

“VIRTUAL” MEETING NOTICE

MAY 9TH, 2020, 10:00 AM

See PAGE 4 for meeting information

IMC/VMC MEETING



**Choose
your own
date**



See Page 7

**A VIRTUAL
MEETING**

THIS MONTH'S PROGRAM

Battery Contactors

RV-10 vs Cirrus SR22 350

**Hints for Homebuilders
TIG Brazing**

MOTHER'S DAY MAY 10TH



IN THIS ISSUE

April 11 th Minutes.....	2-3
Virtual Meeting Info.....	4
First Flight.....	5
Events Update.....	6
IMC/VMC Meeting.....	7
Airport news.....	8-9

APRIL 11TH, 2020 MEETING MINUTES

Call to Order: President Joe Waltz called our first ever WebEx virtual meeting to order at 10 AM. Approximately 46 were checked in.

Pledge of Allegiance: Lady Gaga's Super Bowl 50 performance of the National Anthem opened the meeting.

Members / New Members - Visitors Present: Surely there is an award for EAA 302's member John Chaplin who joined our WebEx meeting from England! New Members: Welcome Dr. Richard Keiger from the Kingwood area. He has acquired an ultralight and is interested to learn to fly it.

Safety Minute: Miles reminds us of the importance of a good preflight that includes accessing the fitness of equipment and pilot. Consider briefing passengers that you will use sterile cockpit procedures during critical phases of flight. Always use your checklist and fly your plan.

Treasurer's Report: Beginning balance for March 1, 2020: \$4,540.50 + \$200 cash. Ending balance for March 31, 2020: \$4,901.29 + \$200 cash. Significant items of Income / expense for March include \$275 membership dues income / \$50 rent expense. Bill Donahoe also reported Crime Stoppers has returned EAA 302's \$3080 donation made to the Alan Johnson Crime Stoppers case some time ago. As previously agreed, any returned money would be used to start EAA 302's '*Alan Johnson Scholarship Fund*' account for use in future scholarships opportunities.

Scholarship Update: While the big show of AirVenture is still officially on, EAA has canceled its series of youth summer camps for 2020. Also, our EAA Chapter 302 Board of Directors has decided not to act or fund our opportunity for the Ray Scholarship 50/50 for 2020 because of Coronavirus and lack of viable candidates.

Google Earth Pro Flight Simulation: Joe Waltz demonstrated how to use Google Earth Flight Simulator. It's free, but requires download of Google Earth Pro. PC or Mac users can find the flight simulator from the Tools - Enter Flight Simulator tabs found on Google Earth. You'll need to get checked out on some simple keyboard commands if you don't have a comparable joystick. Joe, thanks for the introductory flight. Enjoy!

Projects: Bill Cooper / RV-10 = Moved to hangar B-9, shop area is set up and making progress. He says come see him.

Dave MacDonald / RV-10 = Dave couldn't unmute WebEx so Rich Jankowski keyed the mic to gave a good update. 1st flight was great, gave some attention to oil cooler and cowling seal, EGT and CHT indicating and fuel flow system issues to work. Great electronic work. Rich says the plane flew flawlessly. Canopy seal needs work. Congratulations and well done Dave!

Joe Waltz / RV-10 = Airplane is at the paint shop.

APRIL 11 MINUTES CONTINUED

Miles Demster / RV-14A = Miles started with the self-deprecating “I’ve not been a good builder” confession. Hurricane Harvey flooding in his garage dampened his early experience, but he’s at it now! His shop is organized, working rudder and horizontal stab assembly. Drilling, dimpling, riveting and priming.

Don Guice / RV-7A = Making tremendous progress according to Rich Jankowski. Fiberglass work in progress, wings will be installed soon.

Hints for Homebuilders: EAA Homebuilding Program Specialist Joe Norris discusses standard installation tips and maintenance suggestions to keep your tailwheel in topnotch condition.

Aviation History: 10 April 1972: Lieutenant-Colonel W. Roy Windover, Royal Canadian Air Force, a pilot assigned to the North American Air Defense Command (NORAD), set a *Fédération Aéronautique Internationale* (FAI) World Record for Altitude when he flew a 1941 Interstate Cadet S-1A, N37239, to an altitude of 9,388 meters (30,801 feet) ¹ over Pikes Peak, a 14,115 foot (4,320 meter) mountain in the Front Range of the Rocky Mountains, near Colorado Springs, Colorado.

News / Reports:

- Check our Events Calendar. Thanks Keith Pache for keeping us updated.
- VMC/IMC Club, likely to meet virtually on the second Thursday, 7-8:30pm.
- EAA National has said they would wait until mid May for a decision on the status of AirVenture 2020 in light of the Coronavirus.

Adjourn:

- Standby for news of how we will do the May meeting.
- After the meeting FlyOut to K06R, Grawunder Field, Bellville, Texas for dinner.

Note: Your secretary publishes the facts. Later I found the FlyOut is ‘fake news’. Joe and Keith briefed TRW threat, narrow runway shortened by construction plus strong crosswinds...then a long walk to restaurant! Who would go in the middle of all this? Definitely a spoof and I took the bait.

SATURDAY MAY 9TH MEETING

A “Virtual” Webex Meeting

Yes, we will have a meeting this Saturday. Luckily, we have a professional webmaster, Darryl Foster, to help us keep in touch. There are a couple of things you need to know:

Photos

Videos

Newsletters

Builders Log

Members Only

Web Store

Classifieds

Links

Vendors

Donations

Virtual Meeting

Backgrounds of our membership are a large cross-section of aviation diversity, including beginning pilots, corporate, general aviation, military, and airline pilots. Members are constructing aircraft in nearly all methods of construction. We have flight advisors as well as technical counselors that are helpful in sheet metal construction, tube and fabric, and welding techniques. The knowledge base of our total membership in aircraft construction is thorough and of wide experience.


Chapter 302 has an active Young Eagles program and we invite any youngster to participate with parent or guardian involvement.

In addition to our aircraft activities, many members of our chapter are happily involved in various social functions that the chapter schedules. Our annual Christmas party is always a fun event as are the steak cookouts and fly-outs to various airports.

Please contact me or any of our officers or members if you have questions about our group.

Joe Waltz, President
Chapter 302
832-515-1008

Young Eagles Day @ KCXO



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.

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

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

Welcome

From the President

Contacts

Location

Join Our Chapter

Flying Events

IMC/VMC Club

Young Eagles

Photos

Videos

Newsletters

Builders Log

Members Only

May 9 Monthly Chapter Meeting

Please click the following link to join the meeting: [WebEx Link](#)

April 11, 2020 Virtual Meeting Information

The recording of the April 11 meeting is now available.

Please click this link to access the recording.

a. First time Webex Users

Hello EAA 302 members,

If this is the first time you've ever used Webex, here is some important information for you to review before hand. Please note that we'll open the WebEx Bridge at 9:00 AM. This will give everyone an extra hour to try and get connected prior to the meeting.

1. You should be receiving a link in e-mail for the meeting. It is also posted on this page as well.

2. You do not have to install the client. It will work with just a web browser. However, you will get a

BREWER'S PIETENPOL MAKES 1ST FLIGHT

Photos by Mike Wood



Blazing down the Runway



Not much forward visibility on final



He tried to keep it a secret, but word got out that this was the big day.

After lots of fits and starts, EAA302 member Don Brewer launched his Pietenpol Sky Scout on a first flight Saturday, April 25th. He built the plane from scratch, using mostly wood and fabric. Its painted in a style fitting the 1920's and is powered by a Ford Model B engine putting out around 70 horsepower. It has been modified to have dual ignition with a distributor and a magneto.

Having a car engine means it is liquid-cooled, and your eyes are immediately drawn to the polished brass radiator sitting above the engine. That motor used to belong to our Charter Member Allen Johnson, who watched over that flight with great interest.

Congratulations, Don!



Don demonstrates the periscope he has to use to see the cork float gas gauge on top of the wing



EVENTS COMMITTEE UPDATE

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

1) IMC/VMC Club Meeting (Online – comfort of your home). Please join our IMC/VMC guest instructor Doug Stewart. Doug is making himself available for a virtual meeting to EAA/IMC Club groups around the country during May. It is featuring a ten-minute video clip of an ILS approach into KAVP from the East Coast IFR Experience. This segment highlights the use of onboard instruments to maintain situational awareness. After the presentation, Doug will be open for discussion IMC Club style. Details in our May Newsletter to register!!

2) 10:00-11:00am Sat. May 9th 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) 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
5/5/20	7:00-8:30pm EAA Webinar: Flight Testing 101	The comfort of your own home	0 nm	http://pages.eaa.org/WBN2020-05-05FlightTesting101_LP-Registration.html	None
5/6/20	7:00-8:30pm EAA Webinar: Is it Legal to Install?	The comfort of your own home	0 nm	http://pages.eaa.org/WBN2020-05-06IsItLegalToInstall_LP-Registration.html	None
5/6/20	7:00pm FAA Safety Webinar: Proper Communication in Aviation and It's Critical Role in Furthering Safety.	The comfort of your own home	0 nm	https://www.faasafety.gov/SPANS/event_details.aspx?eid=100163	Aeronautical Proficiency Training 314-787-7454 john@teipen.com
5/7/20	7:00-8:30pm EAA Webinar: Critical RV Flying Skills	The comfort of your own home	0 nm	http://pages.eaa.org/WBN2020-05-07CriticalRVFlyingSkills_LP-Registration.html	None
5/8/20	11:45am-1:15pm (est.) Fight to the Finish Flyover	Look up over Downtown area	?? Nm	https://www.cnn.com/2020/05/03/us/houston-ve-day-ww2-planes-flyover-	None
5/12/20	7:00-8:30pm ATC and You: Don't Let That Cloud Mislead You	The comfort of your own home	0 nm	http://pages.eaa.org/WBN2020-05-12ATCandYouDontLetThatCloudMisleadYou_LP-Registration.html	None
5/12/20	7:00pm FAA Safety Webinar: Weather planning tips to get ready for summertime flying	The comfort of your own home	0 nm	https://www.faasafety.gov/SPANS/event_details.aspx?eid=99832	Terry Lee Carbonell 239-633-0077 GoDusty@hotmail.com
5/13/20	5:30pm FAA Safety Webinar: Aviation Weather Hazards - Vital Information for Pilots	The comfort of your own home	0 nm	https://www.faasafety.gov/SPANS/event_details.aspx?eid=100112	Delia Colvin 661-333-9881 customerservice@flyrite.com
5/13/20	7:00-8:30pm EAA Webinar: Operation at Towered Airports	The comfort of your own home	0 nm	http://pages.eaa.org/WBN2020-05-13OperationatToweredAirports_LP-Registration.html	None
5/19/20	9:00am FAA Safety Seminar: Mastering ForeFlight for IFR	T31 Aero Country Airport Mc Kinney, Texas, USA	184 nm	https://www.faasafety.gov/SPANS/event_details.aspx?eid=99609&caller=/SPANS/events/EventList.aspx	Gary Dale Reeves 657-230-7230 garyr@pilotsafety.org



THE VINTAGE INSTRUCTOR

BY DOUG STEWART



Between a rock and a hard spot

In last month's article I wrote about flying on the backside of the power curve. So just as a refresher in case you didn't get a chance to read it, the backside of the power curve exists whenever there isn't sufficient power to overcome the induced drag created by high angles of attack. Anytime we fly in slow flight, we are most often on the backside of the curve. In this regime, you will notice that if you increase back pressure on the stick, the horizon actually will not translate either

flight rules (VFR) aircraft is hovering at 5,500 feet. However, there are certainly times when we might very well have to fly the backside of the power curve, not to confuse a controller, but to achieve a specific task. Ask any bush pilot to describe his technique for landing on a very short landing strip, especially when it is surrounded by obstacles, and he will explain his method as being on the backside of the power curve. In this regime, you will notice that if you increase back pressure on the stick, the horizon actually will not translate either

rolling hills and thick forest, and then suddenly emerged at the airport. The only real indication that we had transitioned to an airport was a windsock, a couple of hangars, and my parked Cardinal RG. Although the runway had been dirt for many years (and really was a continuation of the dirt road), it was now paved with asphalt. It also was not flat, but had a gentle rolling contour similar to the end of a roller coaster ride. The airport extended toward the



Please join our IMC/VMC guest instructor Doug Stewart. Doug is making himself available for a virtual meeting to EAA/IMC Club groups around the country during May. It is featuring a ten-minute video clip of an ILS approach into KAVP from the East Coast IFR Experience. This segment highlights the use of onboard instruments to maintain situational awareness. After the presentation, Doug will be open for discussion IMC Club style.

The response has been so positively overwhelming that at this time, all chapter slots have been filled. However, there is still ample opportunity for you to join another chapter's meeting. You can participate at a date and time of your choice. Just click the link below and register for available time and day that works for you.

<https://www.communityaviation.com/events/meeting/imc/national-meetings>

Doug Stewart is the "National Certificated Flight Instructor of the Year for 2004". An eleven-time Master Certified Flight Instructor, Gold Seal Instructor, and Designated Pilot Examiner, he is based at the Columbia County Airport (1B1) in Hudson, NY.

We are confident in saying we will have our June meeting live. Stay tuned for the early announcement of the plan and topic.

In the meantime, fly safe and keep the dirty side down....

Tommy Fankhauser, Chapter 302 IMC/VMC Coordinator, CXO



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.

THE TOOL CRIB GROWS AGAIN

Now that the Pietenpol is done, Don Brewer has donated a very nice hydraulic engine lift to the EAA 302 tool crib. It will live in the Jim Smith hangar and be available for checkout. Thanks very much, Don!





Sorry to say, Friday morning, May 1st, we received an email from Oshkosh saying that Airventure 2020 has been cancelled. Look forward to July, 2021.

The poster for the Galveston Island 150 Air Race features a dark blue background with a yellow and orange sunset sky. Three biplanes are silhouetted against the sky, flying from left to right. On the left, there are silhouettes of palm trees. The text "GALVESTON ISLAND 150 AIR RACE" is written in large, bold, yellow capital letters at the top. In the center, a white box contains the text "SATURDAY JUNE 13" in red capital letters. Below this, the email address "Info--ppurcellK@aol.com" is written in black. At the bottom, the text "BI PLANE FLY IN" is written in large, bold, yellow capital letters. In the bottom left corner, there is a yellow circle with a black star and the text "2020". In the bottom right corner, there is a yellow circle with a black star and the text "KGLS".

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

FOR SALE: Like New, FARO Headsets, 4-FARO G2 PNR \$125.00 each, 2-FARO G2 ANR \$250.00 each. Call Tom Davenport 713-504-5536 3/20

Wanted: Cessna 150 or Cherokee 150/160. Contact: Mike McKenney 802-380-2310 2/20



FOR SALE: One complete set-up for your plane consisting of a Garmin AERA 560, one GDL 39 (ADS-B in and weather receiver) complete with a yoke clamp and a tablet holder with accessories. The tablet holder has 4 each 12V fans, still to be hooked up, to be suited to your plane. Make me an offer. Peter Lammers. Cell: 1-979-221-4442 3/20



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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

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 11/19

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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.

