

The FlyPaper

August 2019

The Official Newsletter for EAA Chapter 477, Charleston, South Carolina



Words From the President

We had a great July meeting in Hangar 20. Our speaker was Chief Pilot Owen Barker from the South Carolina Department of Natural Resources, (DNR). Please see a summary of this, photos and other comments later in the newsletter.

Don Bennett is scheduled to speak at the August meeting and will do some show and tell regarding how to safety wire... YES you can do it the wrong way. He will answer questions you might have like, can you as an owner change brake pads?

Roger has been a big help finding new Members on the airfield and its paying off. We are becoming a Chapter of many Talents once again.

The terminal is open and its very nice. There should be a grand opening some time this month, August, so please show up and support your airport when you hear about it. Thank you to the airport staff that put the project together from us over at EAA 477.

Speaking of staff, Tommy Rowe took care of the lighting on the hangers and I for one do night ops and the place looks great with all the hangars now lit up. There is a list for the new T hangars over by closed 27 see Roger if you want to go on the list.

Lee has been a busy bee setting up YE rallys. Pilots please make time to fly. More on future events and how we will be doing Young Eagles later in the newsletter. Please take time to read that part.

That wraps it up for me for this one,

Be safe out there...



Doug St Pierre
President EAA 477



Upcoming Events

EAA477 Chapter meeting

August 10th meeting:

There are no scheduled Young Eagles to be flown at this time. Our meeting will begin at 10:00 AM with speaker Mr. Don Bennett and a BBQ lunch at 11:00 AM featuring our own Bruce Huffines.

South Carolina Breakfast Club:

Please use the following link to access the latest in scheduling:

<http://southcarolinabreakfastclub.com/2019-schedule>

July Meeting Summary Report

13 July 2019

Doug St. Pierre

We had a great presentation at our July meeting in Hangar 20. Our speaker was Chief Pilot Owen Barker from the South Carolina Department of Natural Resources, (DNR).

You would think that's knowing how many deer are in the state. They do a lot more. From search and rescue to counting birds and turtles, poaching of game, to DEA, lost persons, storm damage survey and just about everything in between. One of the things unlike much of the other law enforcement groups, they can go anywhere in the state.

Thank you Owen for you time, and the State of SC for letting events like this take place. Great interaction from our crowd.

Our guest count was the highest I've seen since being here. We had 16 in attendance and a total of 19 through the door during the meeting.

I went to the bull pen and called in Mr Bruce to do the cooking and like always he cooked us a great meal, thanks Bruce! He will be back here after vacation and we look forward to that.



Upcoming Events and Young Eagles

Doug St. Pierre

As of this time the following events are on the Calendar. Take a look as I think they will be of interest to you and friends you have. We always like to welcome guests!

October 12th 2019
BSA and BBQ
Tuskegee Airmen Inc

December 14th 2019
Coastal Carolina council BSA
Flying of remote airplane and drones after the rally, only if permission is obtained by the airport Manager and Walterboro BSA 646.

March 14th 2020
Jack& Jill Charleston.org
Tuskegee Airmen inc
our team is now talking to the Colleton county schools and Walterboro to do a rally for them.

I'm working a YE 477 booth over to Allendale County school on 3rd August invited by the school system to answer questions and give out pamphlets for YE rides. In 2020 We hope to have Eagles rally also.

Discussions between myself and the Executive Committee, we have decided to set up Rallies and not fly every monthly meeting. When we do fly, we will provide an airplane and ground school to the kids. This, of course, will only be possible if we all help out. In the month we don't fly, we are hoping to get speakers and movies and have "show and tell" items to round out everyone's interest. There is, of course, always tall stories and great food to be enjoyed by all.

Just a note on the BSA events. This is exclusive to the BSA members and only after those that have come out for a flight, will we open up additional flights for others on a first come, first served basis.

Upcoming Aviation Events

Ron Malec

FAAST Blast - FAA Safety Briefing News Updates

As a subscriber to the FAA Safety Team Newsletter I will periodically provide updates on information that I believe will be beneficial to all members.

• General Information

Watch FAA Safety Briefing Live!

Did you know with each issue of the bi-monthly *FAA Safety Briefing Live* FAAST provides a live broadcast that covers the theme of the current *FAA Safety Briefing*? If you don't get the opportunity to view the broadcast live you watch the archived version at <https://www.faasafetybriefing.com/July-August2019.html>. The latest edition introduces the July/August 2019 issue, which focuses on aviation safety culture. You can also earn WINGS credit by completing a quiz after viewing the presentation. Just click the "Earn WINGS Credit" button in the presentation window.

Runway Safety Tips for Construction Season

Notice Number: NOTC9621

Winter is over, and that means construction season is upon us all! Airport construction projects aim to make enhancements to infrastructure and safety, but they come with their own risks. Use these resources in your flight planning, training, and airfield operations to help increase your surface safety:

- Graphical Airport Construction Notice Diagrams
 - *Now available in ForeFlight!*
 - Provides a graphical representation of construction NOTAMS.
 - Available at www.faa.gov.
 - Also available with NOTAMS at [PilotWeb](#).
 - Then click on the right “Aeronautical Information” bar, and from the dropdown “Construction Notices”.
- FAA Runway and Taxiway Construction Website
 - Contains checklists, articles, and other resources for all airport operators and users.
 - Available at www.faa.gov.
- FAA TV: Orange is the New Black *and Yellow*
 - Short video to increase your awareness of construction signs and markings.
 - Available at www.faa.gov/tv/.

Remember that orange signs around the airfield this season indicate construction hazards. Paying attention to NOTAMS, using the Graphical Construction Notice Diagrams, and working carefully with air traffic controllers are just a few ways you can enhance safety at our airports

FAA Transitions to Mandatory Use of International Flight Plan

Notice Number: NOTC9616

The FAA has successfully completed system testing and will transition to mandatory use of the international flight plan format for all IFR and VFR domestic and international civil flights on **August 27, 2019**. The change is part of an effort to modernize and streamline flight planning and supports the FAA’s NextGen initiatives.

Several improvements to the international form make it easier and more intuitive for pilots to use and will increase safety, which include:

- An increase in the size of the departure and destination fields to allow a greater variety of entry types, including Special Flight Rules Area (SFRA) flight plans
- A wake turbulence category (maximum certificated take-off mass)
 - H – Heavy (300,000 lbs. or more)
 - M – Medium (less than 300,000 lbs. but more than 15,500 lbs.)
 - L – Light (15,500 lbs. or less)
- Transmission of the supplemental pilot data field, which contains pilot contact information, along with the VFR flight plan to the destination facility, to reduce Search and Rescue response times
- Air traffic control gains access to detailed equipment codes to identify aircraft capability

The international format will also allow for integration of Performance Based Navigation (PBN) and enhance air traffic control services by allowing for easier identification of equipment, which can make greater use of airspace. When using flight plan filing services, all features available today will be part of the new format and provide an additional level of detail required for deployment of the FAA’s NextGen technologies and procedures.

Please use the international format now. Simplified guidance on how to complete an international flight plan is available at bit.ly/2JiUkQN.

Please contact Flight Service on our feedback email 9-AWA-ATO-SYSOPS-FS@faa.gov if you have any questions.

Reminder on IFR Clearances-UPDATE

Notice Number: NOTC9597

Reminder on IFR Clearances-UPDATE

As part of a continued effort to streamline service delivery, the FAA recently published phone numbers for pilots to obtain or cancel IFR clearances directly from Air Traffic at non-towered airports. The phone numbers to obtain clearance delivery are listed in the communications section of the *Chart Supplement, US*. ***Please note that pilots can still contact Flight Service to cancel their IFR by calling 1-800-WX-BRIEF (1-800-992-7433).***

Many airports have direct communications outlets to Air Traffic. If a clearance delivery phone number is not listed, use one of the communication outlet options available for your airport.

- Remote Communications Outlet (RCO) frequency for Flight Service or Remote Transmit Receive Outlet (RTR) frequency for Air Traffic
- Ground Communication Outlet (GCO) connection to Air Traffic - If the GCO only connects to Flight Service, contact Air Traffic via the telephone number provided (currently available via NOTAM until published)

This initiative does not affect pilots requesting clearances from locations in Alaska. Find the information for your local airport at: http://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/dafd/search/

Please contact Flight Service on our feedback email 9-AWA-ATO-SYSOPS-FS@faa.gov if you have any questions.

Control Cable Fitting Cracks and Failures Hiding Under Safety Wire – Inspect Closely

Notice Number: NOTC9608

The FAA recently published Special Airworthiness Information Bulletin CE-19-13 highlighting a serious concern with cracks and failures of flight control cable fittings that connect to turnbuckle barrels that is caused by stress corrosion cracking. The SAIB highlights the need to carefully inspect cable fittings for corrosion, cracks, and failures due to a number of recent findings by the National Transportation Safety Board (NTSB), FAA, as well as efforts carried out by the American Bonanza Society. Please note this issue is not unique to only Beechcraft-specific airplanes. The material used in the construction of control cables is common to most makes and models and is susceptible to stress corrosion cracking.

It's important to note that a number of fittings have been completely failed when mechanics have removed the safety wire to closely inspect.

This issue was recently identified by the FAA FAAS team through Notice NOTC8499 published on May 30, 2019. The Notice identified a number of failures found on several Beech Bonanza airplanes and recommended a short-term inspection of these cable ends on Bonanza as well as Debonair, Baron and Travel Air airplanes. Information received from the Bonanza Society reflects a number of additional cracks and failures being found on the aileron cable fitting located near a heat duct. This information has been shared with the FAA and is being assessed to determine if additional corrective action may be taken.

The FAA has also been working with the National Transportation Safety Board over the last several months following a number of aircraft incidents/accidents related to control cable failures associated with this type of corrosion cracking on various airplane makes and models.

The SAIB can be found at the following location.

[http://rgl/Regulatory_and_Guidance_Library/rgSAIB.nsf/\(LookupSAIBs\)/CE-19-13?OpenDocument](http://rgl/Regulatory_and_Guidance_Library/rgSAIB.nsf/(LookupSAIBs)/CE-19-13?OpenDocument)

For Further Information Contact:

David Hirt, Aerospace Engineer, 901 Locust, Kansas City, MO 64106; phone: (816) 329-4050; fax: (816) 329-4090; e-mail: david.hirt@faa.gov.

• ADS-B Information

Notice Number: NOTC9592

Where are the current ADS-B Out equipage levels for general aviation?

As of July 1, 2019, the equipage level for U.S. fixed wing GA aircraft stood at 64,959. Of those installs, 4,375 were recorded as having non-performing emitters or NPEs.

For more information on NPEs and how you can run a free, online test of your ADS-B system to make sure that it's transmitting correctly, see the article "Is My ADS-B Broadcasting Me?" in the January/February 2019 issue of FAA Safety Briefing here: <http://bit.ly/adsbemitter>.

To find the latest equipage levels, go to https://www.faa.gov/nextgen/equipadsb/installation/current_equipage_levels.

Will there be a change to the Jan 1, 2020 ADS-B Out deadline?

No, the FAA is not changing the deadline. After January 1, 2020, aircraft flying in airspace where transponders are

currently required will be required to have ADS-B Out installed.

That means you now have less than 6 months remaining to get equipped. Repair shops may soon reach their capacity limits for the year, so please plan accordingly.

Don't Get Left in the Hangar. Equip Now!

For more information, please visit the Equip ADS-B website at www.faa.gov/nextgen/equipadsb/.

Questions about equipping?

Please see our FAQs at <https://www.faa.gov/nextgen/equipadsb/resources/faq/> or contact us at adsb@faa.gov.

ADS-B Pre-flight: Yes or No?

Perhaps you might have heard that the FAA is going to require, "...some pilots and operators to conduct another series of preflight checks when the ADS-B mandate kicks in on Jan. 1. The FAA says in a [new policy statement](#) it will be up to pilots and operators to make sure the gear will actually work along their predicted flight path. As part of the flight planning process, operators will be required to exercise "due diligence" in the form of a "preflight availability prediction" to make sure that an adequate GPS signal is available for the ADS-B Out to function properly for the full flight." From an article by Russ Niles in *AVweb* on 14 July 2019.

On 16 July 2019, Russ published an update to the ADS-B preflight requirements in his article *FAA Clarifies ADS-B Preflights: GA Is Exempt*. Specifically, "The FAA [[issued a Notam](#) on Thursday, 18 July], that essentially exempted general aviation aircraft operators from an ADS-B preflight requirement when the ADS-B mandate kicks in next January. The Notam specifically exempts ADS-B Out transmitters that use WAAS GPS receivers as a position source from the preflight requirement described in an FAA policy statement that was released earlier this month. The Notam reads: 'It is not necessary for operators of aircraft equipped with the Wide Area Augmentation System (WAAS) (TSO-C145 or TSO-C146) receivers to conduct a preflight availability prediction.'"

Fly Safe, Stay Hydrated, and have a Great Month. Remember August and September are prime Hurricane Months for the Low Country.

Airshow and Fly-in Schedule

- Photo from: Salute From the Shore X



AT-11 Kansan and SNJ-6 Texan setting up for Fly-by of USS Yorktown (CV-10) in support of Fox and Friends broadcast on 04 July 2019

- 03-08 September – 13th Annual Triple Tree Fly-in Week - Triple Tree Aerodrome (SC00), Woodruff, SC
- 03 – 05 October - Carolinas-Virginia Antique Airplane Foundation Fall Fly-in, Woodward Field (KCDN), Camden, SC. For more information contact, Todd Givens at 843-893-6968
- 05 October - Rick Hill 60th Anniversary Fly-in - Rock Hill - York County Airport (KUZA), Rock Hill, SC
- TBD – North Carolina Aviation Museum and Hall of Fame Annual Fly-in – Asheboro Regional Airport (KHBI) – Reschedule from June event.
- TBD – EAA 1167 Fall Fly-in Conway-Horry County Airport (KHWY)



**Yak 110 – two Yak-55s joined at wing center section with jet engine mounted on center line.
Taken at Fargo AirSho, Fargo, ND**

Treasurer's Report

Glen Phelps

I was absent for the last meeting, but received cash funds in the amount of \$65. The breakdown was \$45 in cash from the tip jar for lunch and a \$20 donation from Doug Rupp of Swamp Fox Avionics, thanks Doug.

There were no memberships issued and no outstanding members making dues payments. Actually, we will start to focus on making sure you are on board for your 2020 dues in a couple of months.

The financial summary therefore is as follows:

Checking account:

Beginning balance = \$3,095.45

Ending balance = \$3,160.45

Increase or (decrease) = (\$65.00)

Petty Cash

Beginning balance = \$34.11

Ending balance = \$34.11

Increase or (decrease) = \$00.00

There are now a total of 28 members in good standing with our chapter.

There are just a few that have not yet renewed their dues. If you have not yet done so, here is the way you can get caught up!

You can mail them to my local mailbox, Glen Phelps 4348 Cloudmont Dr Hollywood, SC 29449 Make checks payable to EAA 477. I will see that you get a receipt either email, mailed, or at the next meeting. Just let me know how you would like it to be handled.

And of course, you can pay by check or cash at the next meeting.