

September 2020

THE OBSERVER



Chapter 1041

NOTAMS:

- **September 12th IMC/VMC meeting Gburg Regional Apt 9:00-10:30**
- **September 14th Regular Chapter meeting 7:00 PM G'burg Regional Apt**
- **September 19th Chapter Fly-out Destination TBD**
- **Sept 26th-27th Fly-in Drive-in Breakfast CANCELLED Gburg Regional Airport 8AM to Noon**
- **October 5th Regular Chapter meeting 7:00 PM G'burg Regional Apt**
- **October 10th IMC/VMC meeting Gburg Regional Apt 9:00-10:30**
- **October 12th Board of Directors meeting Gburg Regional Apt 7:00 PM**
- **October 17th Chapter fly-out destination TBD**
- **November 2nd Regular Chapter meeting 7:00 PM G'burg Regional Apt**
- **November 14th IMC/VMC meeting**

Gettysburg Barnstormers—EAA Chapter 1041

Gettysburg, Pennsylvania

Henry's Hangar

Hello Barnstormers! We've made it to September, and I hope all of you are staying well and safe. There is so much confusion and misinformation that we are all about to scream!

On a much more pleasant subject, I hope to see all of you attend our Monday, September 14th Chapter Meeting. Our speaker will be member Nathan Hawkins, who has achieved his first goal and is now a licensed Private Pilot. Nathan was our Chapter's recipient of an EAA Ray Aviation Foundation Scholarship which amounted to \$ 10,000.00! Be sure to come to the meeting and learn from Nathan about his journey to the PPL and his continuing training to add additional ratings.

Please join me in thanking Gary & Kathy Mathna for again hosting us at their beautiful grass airstrip for our Sunday, August 9th Chapter Picnic. Two airplanes flew in and everyone enjoyed an extreme sufficiency of tasty delights. Thanks also go to Bob Howe for securing the birch beer, burgers, hotdogs, & buns, and to Homer Stambaugh for the always delicious sweet corn. Dave Speranza brought some amazingly satisfying home-made ice cream, and Mother Nature provided a splendid day with very nice weather. Several members brought canopies for shade and Jeff Roberson transported a number of Chapter ta-

transported a number of Chapter tables for our use. Thanks to everyone who helped make it another great event.

For those that might be wondering, I have inquired with one of our acquaintances at EAA Headquarters at Oshkosh about the weather during the week that should have been AirVenture. The report is that the Sunday before opening day was fairly hot, then seasonable temps most of the week with closing day hot again. Only one day saw thunderstorms, so it was a typical Wisconsin summer week. What a shame that we had to miss it, but we can hope for a much better 2021!

If you are starting to experience 'covid-cabin-fever' and need something different to clear your mind, check this newsletter for a special series of evening gatherings being offered for free. This is an opportunity to learn about aircraft powerplants and their associated systems and it is coming soon.

The last item for this month is a Thank You to the Nominating Committee for providing a ballot of candidates for Chapter Officers and Directors for the next 2 years. If you would like to serve your Chapter in an office of your choice, the September meeting is your last chance to be included on the ballot. The election of Chapter officers will take place at the October 5th meeting.

Until the next time we meet, stay safe.

Henry

Chapter 1041 website www.1041.eaachapter.org

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Editor's Notes

If you have read an interesting aviation related book let me know and I will include it in a future edition of The Observer

Have an aviation related link? I'll include that in a future edition also.

www.eaa.org

www.aopa.org

www.1041.eaachapter.org

www.intrepidmuseum.org

www.york-aviation.com

www.airfactsjournal.com

www.jerryandersonart.com

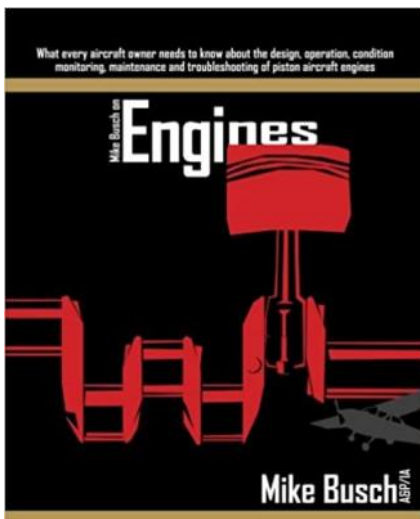
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Gettysburg, Pennsylvania

The September meeting will feature a presentation by our Ray Aviation scholar Nathan Hawkins. Join Nathan to learn about his journey to his Private Pilot's license and his current pursuit of higher ratings

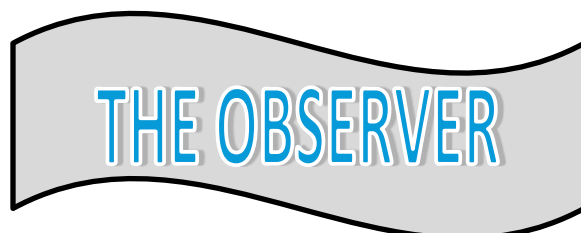


Book Review



Mike Busch on Engines: What every aircraft owner needs to know about the design, operation, condition monitoring, maintenance and troubleshooting of piston aircraft engines 1st Edition

Available on Amazon: <https://amzn.to/2YNgYkd>



Gettysburg Barnstormers—EAA Chapter 1041

Gettysburg, Pennsylvania

Slate of Officers for 2021-2022

Henry Hartman.....President

Sam Kistler.....Vice-President

Karen Radzai.....Treasurer

Wendi Clark.....Secretary

Andy Toussiant.....Membership

Bob Howe.....Newsletter Editor/Web Editor

Jason Pape.....Young Eagles Coordinator

Board of Directors

Savy Maranto, John Hart, Randy Kalp, Art Shaw, Paul Selmer, Jeff Beard

**Nominations for officers are due not later than the
September meeting.**

**Contact the nominating committee—Bob, Art, or
Phil if you want to serve as a Chapter 1041 officer**

Election to be held at the October Chapter Meeting



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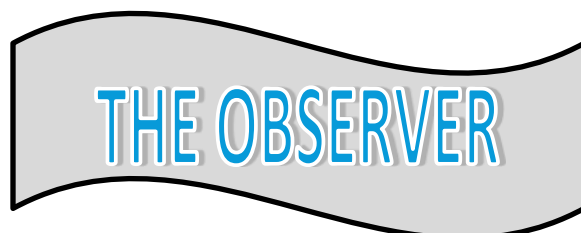
Gettysburg Barnstormers—EAA Chapter 1041

Gettysburg, Pennsylvania

Photos by Sam Kistler

Chapter Picnic





Gettysburg Barnstormers—EAA Chapter 1041

Gettysburg, Pennsylvania

HOW AIRCRAFT PISTON ENGINES WORK

Have you ever wondered about what makes that propeller turn? The Barnstormers will offer their members a special opportunity to learn more about piston engines used in GA aircraft.

Chapter President, Henry Hartman, has been involved with small-engine powered equipment for nearly 50 years, and for about 40 years has been teaching Adult Education Classes on Small Engine Repair. The Covid pandemic has canceled so many events, including Henry's usual Spring and Fall classes, so he is offering to conduct an opportunity involving three, FREE, 2-hour sessions. The goal is not to make you an A&P mechanic, but to familiarize people with the various parts of the engine and be comfortable with the terminology used to describe those parts and their conditions. The free classes will be held on Tuesday evenings, starting at 7pm and ending by 9pm. Here is a schedule:

Tuesday, Sept. 22 – THE BASICS OF THE 4-STROKE-CYCLE ENGINE. We will discuss theory of operation, including crankcases, crankshafts, connecting rods, pistons & rings, cylinders, camshafts, lifters, push rods, valves, oil pumps, and more. In-line engines, opposed (boxer) engines, V-engines, and those beautiful radial engines will be described. If participants are interested, an explanation of 2-stroke-cycle engines can be included.

Tuesday, Sept. 29 – CARBURETORS AND FUEL SYSTEMS. This session will dive into how an engine is fed with a mixture of gasoline and air that produces power. Items covered will include venturis, floats, fuel inlet (float) valves, throttle valves, mixture controls, carb heat controls (and why they are needed), and more.

Tuesday, Oct. 6 – AIRCRAFT IGNITION SYSTEMS. Now that we have fuel in the engine, it needs to be ignited to produce usable power. We will learn about those mysterious magnetos and their components: rotors, coils, points, condensers, and impulse couplings. There will also be discussion about spark plugs and the critical importance of proper ignition timing, along with dual ignition.

If you are interested in participating in these FREE sessions, please RSVP with Henry by contacting him at: hartmansteiner@comcast.net or 717-637-3741 (daytime). Please do so no later than Monday, Sept. 14, which is a Chapter meeting night. Questions? Contact Henry and he will be glad to answer them.



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Gettysburg Barnstormers—EAA Chapter 1041

Gettysburg, Pennsylvania

Photos by Sam Kistler

IMC/VMC Gathering August 8th



August's discussion centered around the use and interpretation of in-cockpit weather displays both ADS-B and Sirius XM. We also discussed aircraft performance....reality vs POH figures

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Gettysburg Barnstormers—EAA Chapter 1041

Gettysburg, Pennsylvania

2020

“WINGS, WHEELS & PANCAKES” FLY-IN/DRIVE-IN BREAKFAST

Gettysburg Regional Airport (W05) • Route 30 West—Gettysburg, PA

Saturday, Sept. 26 and

Sunday, Sept. 27

8:00am–Noon • Rain or Shine!

CANCELLED

CANCELLED

Breakfast Highlights

Pancakes, Eggs, Sausage, Homefries

Coffee, Tea, Juice

\$8.00 per person • Children Under 12 \$3.00

Portion of proceeds benefit various Aviation Programs for Youth

Antique & Classic Cars Invited

“Hangar Flying”

Fun for Everyone!!

For more info contact:

Henry Hartman at

717-637-3741 or cell 717-465-5952



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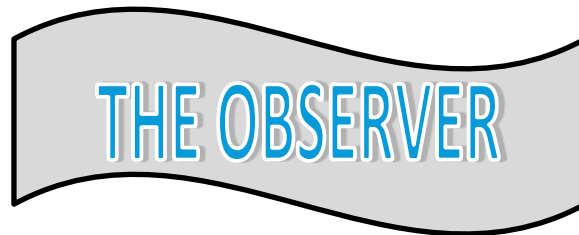
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Gettysburg Barnstormers

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Gettysburg, Pennsylvania

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Fly-Out Destination

**The Fly-out destination for September will be discussed at the meeting.
Fly-out requests can be made to Dick Young our fly-out Coordinator**

THE EAA 1041 SKY RAIDERS

The EAA 1041 Sky-Raiders have a scheduled fly-out on the 3rd Saturday of each month.

Each pilot will make their own go/no go decision. Please call Dick Young (717-521-7942) no later than Friday afternoon if you plan to join the flight. Dick will make restaurant reservations at the destination airport; therefore, an accurate count of participants is appreciated.

2019-2020 Chapter 1041 Officers and Board of Directors

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