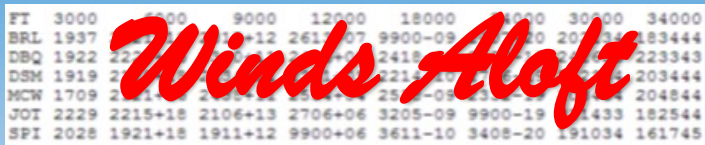


Volume 38

Issue 2

February, 2021

**EAA Chapter 790****Lake in the Hills, IL****790.eaachapter.org**

Well I did not write a January newsletter (nothing to write about, send me some stuff).

Here are some updates on the Chapters News. There will be a zoom meeting in February. March through May or longer will be on site and zoom (hybrid meetings set up by Matt and Paul). In April we will begin our Chapter BBQ's hosted by Dave Stokes. These will continue through October.

Young Eagles is scheduled to kick off in April pending COVID-19 issues and chapter guidelines. These will continue on the first Saturday of the Month.

The Banquet has been cancelled for this year.

The Pancake breakfast is planned for June and will be coordinated with Lake in the Hills again pending COVID-19 issues.

We will have a Red Bird Simulator provided by John Cosmos for Chapter and Young Eagles events. Matt will be in charge of set up.

Fly Outs will continue on the 2nd Saturday of the month chaired by Josh and Taylor so be on the look out for emails for these events.

Yes its Dues Time. There will be a form to fill out in this newsletter (same as last year) with no dues increases, we are still very affordable.



In this Issue

- Chapter News
- Members builds
- Night Flying
- Notes, Books and STUFF
- Dues Form and Process

EAA Members Note: EAA has been sponsoring many HOW TO webinars for those building or interested in building ones own aircraft. Check out the EAA website for their saved webinars. Also there is a promo code good through Feb 8th on any book discounts which apply to the respective webinar.

Kim Monreal mentioned Curve Crest Kennels will be offering dog camping /Pool included during AirVenture 2021.

Speaking of Members, I wish to welcome two new members to our chapter; Josh Cannata and Taylor Thompson. Both Josh and Taylor will coordinate The Fly Outs and they have some interesting places in mind.

WELCOME



Actual Night Rules

- Night for aircraft lights: Sunset to Sunrise
- Night for currency/carrying passengers: 1-hour after sunset until 1-hour before sunrise
 - Makes no sense!
- Night for Sport Pilots: Follows the definition of night in the FAR's
 - There, sport pilots can fly during twilight (approx. 30-min), but they must have lights on their aircraft.
- Knowledge test (PPL); any choice with "½-hour" or "30-min" is wrong.



This months (January) Chapter meeting was a Zoom presentation by *Larry Bothe from Seymour Indiana* on **Night Flying**. We had a great turnout of 22 people. Several items I took special note of were:

When on final at night if the **green REIL edge** lighting disappears, climb immediately. There is something in the way blocking your view i.e. a line of trees OOPS

When **planning** a night flight, consider your line of flight over airports. The airport beacons will give you a good landmark in case of plane problems.

Follow **interstates**, they almost always have truck traffic to light the way' If you need to land on an interstate, be sure to land going with the traffic and avoid bridges.

Be careful of **ground fog**, it can rear its ugly head very quickly. It normally occurs in low lying areas and/or when the temperature and dew point is within 2 degrees C or 5 degrees F.

It takes 30 minutes to adapt to **night vision** and only 10 seconds to readapt to normal lighting.

Runway edge lights are spaced 200 ft. So some pilots use this to estimate **runway visibility**.

Practice a night landing without your **landing light** (knowing how, just in case that light burns out)

Member build projects:

The following individuals reported on their build projects:

Mike Perkins has installed his Superior IO360 engine on his Tango 2 project. He stated he is 70% done and 70% to go.

Randy Sweet has ordered his RV12 wings unfortunately delivery is 5 months out. He currently is working on his empennage at his home in McHenry.

Matt VanBergen is building his Christian Eagle at the Schaumburg Airport. His flight advisor is Ron Liebman

Josh Cannata is building an RV-7 and currently working on the empennage at the Schaumburg Airport.

Tom Solar is building a Focke Wulf 190D RC plane

A Treatise on: *"Birdmen: The Wright Brothers, Glenn Curtiss and the Battle to Control the Skies"*

By Lawrence Goldstone 2014

An amazing narrative of the birth of Heavier than air controlled flight with deep insight into the Wright Brothers and their patent wars against Glenn Curtis and the world. The stifling of innovation with the pursuit of patent protection and financial pursuits. The irony of the patent system. Persevering deceit by fellow Curtis stockholder, Herring. Innovations by Curtis and the many deaths of fliers utilizing the Wright aircraft. Henry Ford's Patent fight supporting Curtis's innova-



tions. Early aviation interest by Alexzander Graham Bell. A wonderful dive into one of the most engaging periods in Mans' journey in the quest of flight. Wilbur spending his many last years doing what he hated, patent fighting. The Ying and Yang of discovery and Initiative, perseverance and misdirection. A must read for the Aviation enthusiast.

While I'm mentioning books here are a few more for some great winter reading.

"The Blond Knight of Germany" "Bomber Pilot" Jimmy Stewart

"Gunther Rall" "Stormy Genius" Bill Lear "Tuskegee's Heroes"

"Pendulum" "First Man" "Tex Hill, Flying Tigers"

"Fighter Pilot" Robin Olds



Another book of note and inspiration (not Aviation, but worthy of mentioning)

"The Memoirs of Ulysses S Grant" A true perspective of a later unjustly maligned individual and President of the United States. I saw a documentary on PBS and was inspired To learn more. (*Grants born name was Ulysses H. Grant, West Point misprinted it and it stuck with him for the rest of his life, they must have liked US Grant better*)

STUFF

I saw a nice article in the latest EAA Mag addressing an electric ultralight designed and flown out of the Madison locale back in 2016. It reminded me of a truisms' for those who don't think forward: "Lets all standstill" or as Elon Musk remarked on a report this week. If we were not progressing were regressing.

For those unfamiliar with electric terminology

as referenced from that article. Here goes:

1 watt = approx. 1.34 hp, a measure of power. The battery capacity is measured in kilowatt-hours kWh and is a measure of energy. It doesn't measure consumption, only capacity, i.e. a 30 gallon tank of gas only measures capacity. We don't know the endurance until we determine the electrical consumption per hour. (I shortened this down without going into Joules cause it made my head spin.



- ◆ **PADS** of Elgin is looking for someone to provide an hour long flight to be auctioned off at their April fund raising meeting. Flight to be given at pilots time and discretion. All proceeds to go to the homeless shelters in the Elgin area. Contact Doug Kramp, 847/741-4903 or dksnark2@yahoo.com if your interested in donating your time and helping the homeless.
- ◆ Walter Kocur would like to give his 12 year old son Maxsym a **plane ride** on his birthday in March. If interested contact Walter at 312/804-9124 or walter.kocur@gmail.com
- ◆ The Chapter is needing a larger **grill** for our Chapter meeting cookouts. Charcoal is great but takes too much time to get started. Anyone having a used large Propane Grill (working) you would like to donate to the chapter please contact Dave Stokes at 224/567-2135 or davidjanet@comcast.net



"I fly because it releases my mind from the tyranny of petty things". Antoine de Saint-Exupery

Yes its Dues renewal Time.

Dues can be paid by Check or on line via PayPal on Website "chapters.eaa.org/ea790"

First Name: _____

Last Name: _____

Spouse: _____

EAA Membership Number: _____ (Must be an EAA member)

Street Address: _____

City: _____ State: _____ Zip: _____

Home Phone: _____ / _____ - _____ Cell Phone: _____ / _____ - _____

Email Address: _____

Own Aircraft: yes or no

Model or Type: _____

Aircraft Project: yes or no

Model or Type: _____

For Young Eagles

If you have completed Youth Protection training, what was the date _____

If you have completed the background check, what was the date _____

Dues

\$25.00 Family/Individual Renewing Membership _____ \$10.00 Family/Individual First-Time Membership _____

\$10.00 Out of State Membership _____ \$10.00 Student Membership _____

Please make checks payable to "EAA Chapter 790" Bring this form and payment to a members meeting, or mail to:

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