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Log in with your 1310 ID at:

login.microsoftonline.com

Uncontrolled Airspace

The Newsletter of EAA Chapter 1310

June 2019

Next Meeting

Wednesday June 12 7:00 PM

Skylark Airpark Lower Pilot Lounge

Topic to be announced

Next Event

Hamburger and Hot Dog Cookout

Saturday June 15 11:00 AM - 1:00 PM

All you can eat hot dogs and hamburgers with all the fixin's for a \$7.00 donation.

2019 Membership Renewals

Renew your chapter membership through the online [store](#), or mail a check payable to EAA Chapter 1310 to the address at the bottom of this page. We'll get your membership card back to you.

Renew for three years for \$60. Save \$15.

EAA 1310 Meeting May 8, 2019

The meeting was called to order @ 7:05 P.M. by president, Jack Hilditch.

11 members were present, there were no guests.

The Secretary's and Treasurer's Reports were accepted as published in the Newsletter. We discussed options for "parking" our hanger fund money when the current CD lapses in July. There appears to be most interest in staggering CD's of varying duration's to allow flexible access to the money when needed.

Announcements

We discussed the implications of the Skylark property being included in a possible escrow commitment, and the impact on our hanger plans.

Jim Wysocki described a recent conversation where he received approvals to proceed with several clean up and maintenance projects around the airport.

Next Meetings –

- Safety Seminar – Saturday, May 18, 2019 - 10:00 AM – Cookout to follow
- QB Spring Dinner – Tuesday June 4, 2019 – 6:00 PM
- Monthly Meeting - Wednesday, June 12, 2019 7:00 PM

Hanger Status

- The Lease proposal is currently on hold.
- Members have submitted concerns about several portions of the lease proposal. We are working on resolutions to them and waiting for a reply on documents submitted to the AOPA Legal office for ground lease review.
- Some members have encouraged moving forward with the lease as it now stands. Jack agreed to call a Board of Directors meeting on the subject where it can be voted up or down.
- There was considerable discussion over the implications of the airport being committed as one of the potential resources allocated in a legal issue.

Old/Unfinished Business

- Storage box Interior ceiling undercoat to stop condensation has been completed.
- We discussed the upcoming need to perform Chapter trailer maintenance (We may need it for moving hangar materials)
 - o Finish wiring lights on chapter trailer and cover tires
 - o Put chapter trailer up off tires to prevent flat spotting
 - o Repair side trailer door

New Business

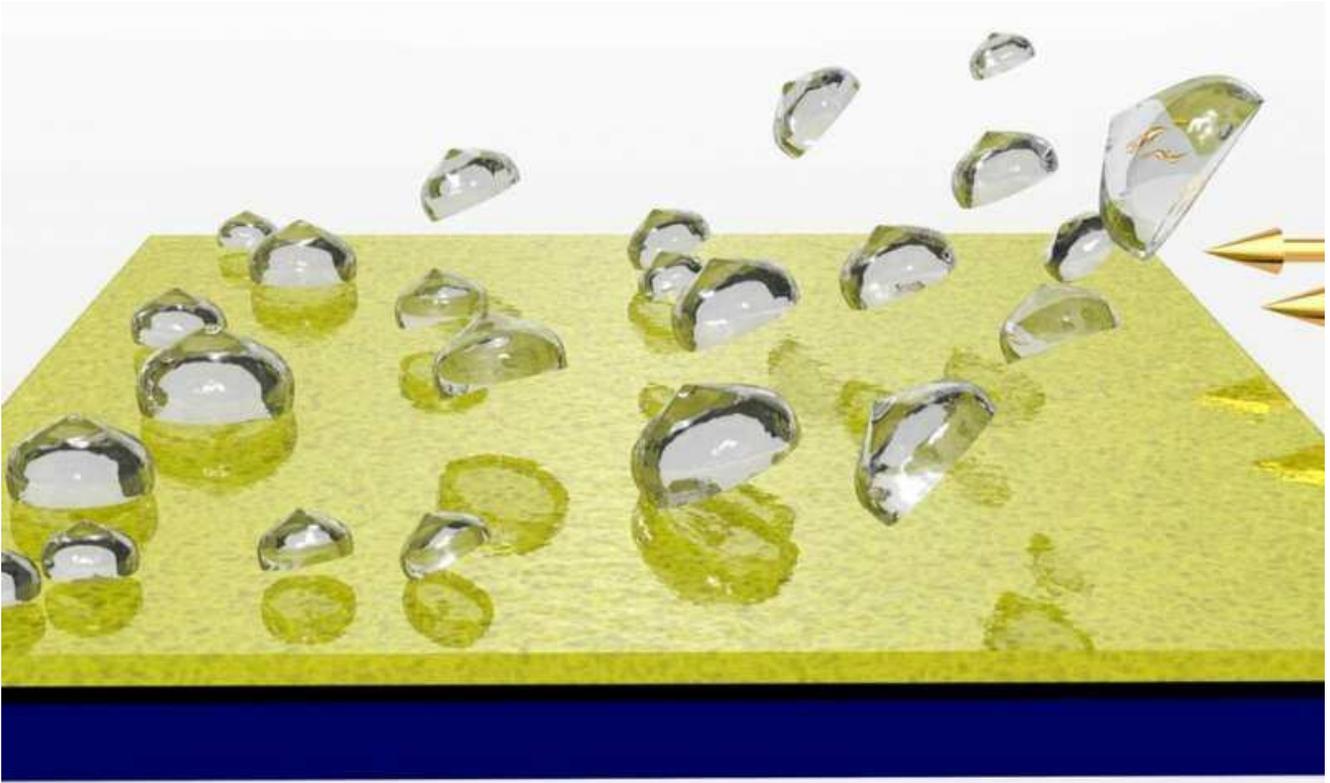
- We need to change the Chapter Corporate Agent from Skylark Airpark Inc. to something else (Jim Glista?) Alan agreed to ask Shawn Jacobaccio for advice and to see if he could handle it for us.
- We received the usual support for the Safety Seminar – Saturday - May 18 – 10:00 – Noon. There appear to be adequate volunteers, Jack will get supplies (Jack to Rest. Depot). We will gather at 08:30 to move the plane and setup. Burgers and hot dogs to follow
- The QB Picnic is Tuesday June 4 – 6:00 PM with dinner served at 4:00. Jack Hilditch will be the focal point. He will prepare a menu and provide further details. The usual people are planning to perform the usual tasks.
- The 1310 Skylark Fly-in and Cookout is Saturday June 15 – 11:00 to 1:00. After some discussion, we agreed to keep the date and go ahead with the event.
- We discussed organizing a work day to clean up and move the EAA shop equipment out of the main hanger into the back shop. Jim would like to be able to show photos of a cohesive aircraft maintenance shop as he solicits donations for the Chapter. We agreed to work on a date to do it.
- We added June 1 at 8:00 A.M. as a work day to straighten and paint the entry walk fence.
- We discussed the quality (or lack thereof) of projection equipment for our seminars and the viewability of the presentations. Paul described some of the problems with diverse electronics used by different presenters and the relationship between cost and the quality of our projection equipment. He agreed to look at the subject in greater detail.

After viewing the monthly Chapter Video the meeting was adjourned at 8:40 P.M.

Fred Goff, Acting Secretary2019

Researchers report breakthrough in ice-repelling materials

Researchers from the University of Houston have reported a new theory in physics called stress localization, which they used to tune and predict the properties of new [materials](#). Based on those predictions, the researchers reported in *Materials Horizons* that they have created a durable silicone polymer coating capable of repelling ice from any surface.



Hadi Ghasemi, Bill D. Cook Assistant Professor of mechanical engineering at UH and corresponding author for the work, said the findings suggest a way to take trial and error out of the search for new materials, in keeping with the movement of materials science toward a physics-driven approach.

The new material uses elastic energy localization where ice meets the material, triggering cracks at the interface that slough off the ice. Ghasemi said it requires minimal force to cause the cracks; the flow of air over the surface of an airplane acts as a trigger, for example.

The material, which is applied as a spray, can be used on any surface, and Ghasemi said testing showed it is not only mechanically durable and unaffected by ultraviolet rays—important for aircraft which face constant sun exposure—but also does not change the aircraft's aerodynamic performance. Testing indicates it will last for more than 10 years, with no need to reapply, he said.

<https://phys.org/news/2019-01-breakthrough-ice-repelling-materials.html>

Vintage Aviation Podcast Episode 1

There's a new Vintage Aviation podcast. Episode 1 is an overview of the Vintage Aviation magazine project and a preview of the guests coming for episodes two and three.

Host: Martt Clupper

<https://soundcloud.com/user-465918604-130178562/vintage-aviation-podcast-52818-episode-1>

Sun 'N Fun Radio Announces New Podcast

We are pleased to announce a new feature:

Chats from the Deck, The Podcast

Presented by SUN 'n FUN Radio

We will have a special

LIVE BROADCAST PREMIERE

Saturday, July 13, beginning at 10 am.

Our live premiere will feature a combination of live & recorded interviews about SUN 'n FUN, CFAA, A.C.E., and upcoming events on the SUN 'n FUN Campus

The SUN 'n FUN Radio studio will be in full operation for this event, we'll be serving our almost-world-famous #WAFFLES too!

We are inviting everyone to attend this special LIVE event!

If you missed out on our waffles during SUN 'n FUN, now is your chance.

If you can't be there in person, don't miss out, Tune In! We will be streaming live as well:

<https://www.LiveATC.net/snf>

FAA Part 23 rewrite

The FAA's has issued a significant modification to 14 CFR part 23 (Airworthiness Standards for Normal Category Airplanes), which covers airplanes weighing 19,000 lbs. or less and having 19 or fewer passenger seats. The previous process became increasingly frustrating to many GA manufacturers, as it made innovation more difficult, as the procedures and processes were not adaptable for changing technology.

In part 23, the old rule was very focused on how the manufacturer gets to the outcome of a safe airplane. The regulation codified prescriptive design requirements, which meant that any deviation from that approach required a cumbersome approval process. These rules were introduced in the 1960s, and the ways we designed airplanes, at least GA ones, were fairly well established. Deviations from the norm were relatively rare. However, that changed as it became increasingly obvious to GA manufacturers (and pilots) that there were other (and better) ways of meeting the end goal: a safe airplane. However, the fact that all of the requirements were set forth in the regulation required

manufacturers to either comply or request an exemption. It was also necessary for every manufacturer to do this for every certificate.

The big change in part 23 was the removal of the prescriptive requirements that had previously been at the heart of the rule. The FAA replaced them with desired, end-state criteria. This approach puts the emphasis on the airplane's or system's safety performance, not on how well it does in a series of predefined tests.

Research is underway to enable introduction of technology. As noted, it will take time for the benefits to work their way to the average pilot.

To view the complete article at *FAA Safety Briefing*, visit <https://adobe.ly/2V4hosH>

Aviation Events Shutting Down

Red Bull Air Races

The remaining races in this shortened season are in Kazan, Russia this coming weekend, Lake Balaton, Hungary on July 13 - 14, and the final event in Chiba, Japan on September 7 – 8. A race was scheduled to be held at Indianapolis Motor Speedway from October 19-20, but has been canceled.

In a brief statement, Red Bull said: "The Red Bull Air Race provided sports entertainment of [the] highest quality but did not attract the level of outside interest as many other Red Bull events across the world.

"Red Bull thanks the pilots, their teams, partners and host cities as well as the Red Bull employees for all they have done to make these enjoyable and memorable events."

Sport Aviation Expo

The January 2019 U.S. Sport Aviation Expo was the last to be hosted by Sebring Regional Airport (SEF), according to an announcement made by expo organizers. The annual expo, which was held in Sebring, Florida, first took place in 2004. According to the event website, over 100 aircraft were on display at the expo in 2018 while just over 50 were exhibited this year.

The Expo's retirement is a reflection of the light sport aircraft industry itself. Sales of these airplanes are modest at best, growth is elusive and the segment just never potentiated the way many of us hoped it would. The notion that the light sport rule would unleash torrents of low-cost, market-resetting airplanes persists and is the basis for the claim by some that light sport has been a failure. That leaves the recently established Sport Aviation Showcase in Deland still standing.

<https://www.avweb.com/insider/so-long-sebring/>

Stratolaunch to Cease Operations

Stratolaunch, founded by Microsoft co-founder [Paul Allen](#), who after retiring from the tech giant put his billions to work building a stratosphere-launched rocket company with the goal of lowering the cost of spaceflight. Stratolaunch, he named it, and the company's Roc aircraft made headlines in April when it became the largest airplane (by some measures) to ever fly.

Roc was designed to be a mothership aircraft. The plan was that it would fly to 35,000 feet, and from there serve as a platform to launch rockets weighing as much as six tons -- or three smaller rockets, or even a reusable spaceplane -- into orbit.

In recent months, Stratolaunch modified its business plan, promising to end development of its own rocket payloads, and buy Pegasus XL rockets from **Northrop Grumman** ([NYSE:NOC](#)) instead. Regardless, even with Allen no longer around, Stratolaunch insisted it was going to forge ahead, and aimed to begin commercial rocket-launching operations by 2022.

According to the company itself, Stratolaunch "remains operational" as of today. However, in an exclusive report, Reuters quoted no fewer than four people "familiar with the matter" asserting that management has decided to close up shop -- maybe not today, but presumably soon

<https://www.avweb.com/uncategorized/report-stratolaunch-to-cease-operations/>

New Microsoft Flight Simulator

A reboot of the classic "[Microsoft Flight Simulator](#)" is coming to [Xbox Game Pass](#), Microsoft revealed at its Xbox [Electronic Entertainment Expo](#), Briefing on Sunday.



“The next generation of our longest-running franchise, ‘Microsoft Flight Simulator’ is coming to Windows 10 with [Xbox Game Pass](#) in 2020, and coming to Xbox One [consoles] at a later date,” Microsoft explained [in a blog post](#). “‘Microsoft Flight Simulator’ is specifically designed to celebrate flight-simulation fans through a focus on the authenticity of flying and visually stunning environments.

By revamping our tech, working in close collaboration with the community, and pursuing the best partnerships across the industry, we intend to deliver the best-in-class flight-simulation experience.”



The

trailer can be seen up to 4K resolution at <https://youtu.be/rGu14fWM4dI>

Local Aviation Event Schedule

Visit the eaa1310.org Calendar page for updated listings and more information about these events.

Reoccurring Events

Chapter 1310 Meetings – 2nd Wednesday 7 PM April-October
2nd Saturday 10 AM November-March at Skylark Airport

Chapter 166 Meetings – Last Saturday of month 10:00 AM (Except July, Nov & Dec) at
Hartford Jet Center, 20 Lindberg Drive, Hartford. <http://166.eaachapter.org/>

Chapter 27 Meetings – 3rd Sunday of month, 10 AM at Meriden Airport <http://eaa27.org/>

Chapter 324 Meetings 1st Wednesday of month, 7 PM Simsbury
Airport <https://www.facebook.com/eaa324/>

Chapter 1620 Meetings 1st Wednesday 7:30, Barnes Airport Hangar 3, 111 Airport Rd.
Westfield, MA. 01085 aircrafttech7583@gmail.com

Chapter 1310 Events

Saturday June 15 **11:00 AM – 1:00 PM** **Hamburg & Hot Dog Cookout ***New*****
All you can eat hot dogs and hamburgers for a \$7.00 donation.

Saturday August 17 11:00 AM– 2:00 PM Annual Corn Roast and Cookout
We get the freshest corn available. Picked the morning of the event. Also hamburgers and hot dogs off the grill.

Saturday September 28 10:00 AM – 1:00 PM Young Eagles Flights
We will be providing complementary introductory flights to kids 8 – 17 years old.

Saturday October 19 10:00 AM – Noon Taildragger and Experimental Safety Seminar
Topic to be announced.

Saturday November 2 8:30 – 11:00 AM Pancake Breakfast
Enjoy our hot pancakes, sausage, scrambled eggs. Plus fruit cup, coffee, tea, juice.

2019 Aviation Events

Weekends June 15 – October 20 Old Rhinebeck Aerodrome, Rhinebeck, NY
Saturdays - **History of Flight Air Shows** feature aircraft of the Pioneer, WWI and Golden Ages of Aviation. Sundays - **WWI Air Shows** highlight the first warbirds, but also include Pioneer and Golden Age machines.

<https://oldrhinebeck.org/>

July 22 – 28 EAA AirVenture Whittman Regional Airport, Oshkosh, WI
USAF F-16 Viper Demo, F-22 Heritage Flight

<http://www.airventure.org/>

August 24 – 25 New York Air Show Stewart International Airport, Newburgh, NY
US Navy Blue Angels, US Air Force F-25A Lightning II Demo Team

<http://airshowny.com/>

September 7 – 8 Beverly Regional Airshow Beverly Regional Airport, Beverly, MA
Aerial Performers, Aircraft on Display, Military, Kid's Activities, Food, Airplane Rides,

<https://flight4cf.com/events/beverly-regional-air-show/>

Sat. Sept 14 (Rain date Sept 15) 8:00 AM – Noon Pancake Breakfast – Kline Kill, NY
Presented by EAA Chapter 146 We put on a great pancake & egg breakfast, and a fun time is guaranteed. <http://www.eaa146.org>

September 22 Simsbury Fly-In & Car Show Simsbury, CT

www.simsburyflyin.com

If you have a topic you would like to see covered in our monthly newsletter, please send a note to Paul at info@eaa1310.org