

# YALE AVIATION NEWSLETTER

March 2020

## UPCOMING EVENTS –

- **Massachusetts Air and Space Museum** is now open in Hyannis: <https://www.massairspace.org/>
- **Wash & Wax** - Saturday, May 16, 9am to noon. The perfect opportunity to get the airplanes clean while chatting with your fellow pilots. Mark your calendars now!!
- **Next Flyout** – Overnight trip this summer to Niagara Falls, exact date TBD. Contact Joel D'Angelo ([dangelojoel@gmail.com](mailto:dangelojoel@gmail.com)) if you want to fly along!
- **AOPA Regional Fly-In:** Rochester, NY – September 11-12. For more information check out AOPA's website <https://www.aopa.org/Community/Events/AOPA-Fly-Ins/2020-AOPA-Fly-Ins/Rochester/>

## PILOTS...

# Yale Aviation and Coronavirus

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Dear Fellow Pilots,

The COVID pandemic has reached Connecticut and has just begun to affect our lives in ways most of us have not seen. I am confident that, if we impose some significant inconvenience on ourselves now—including social distancing—we can break the chain of epidemic transmission and will avoid unnecessary suffering and heartbreak in the future.

How can pilots protect themselves? AOPA has a good story on keeping COVID-19 out of your cockpit: [https://www.aopa.org/news-and-media/all-news/2020/march/12/senior-ame-offers-tips-to-protect-yourself-from-coronavirus?utm\\_source=epilot&utm\\_medium=email](https://www.aopa.org/news-and-media/all-news/2020/march/12/senior-ame-offers-tips-to-protect-yourself-from-coronavirus?utm_source=epilot&utm_medium=email)

In addition to the tips listed there, I would suggest that we all seriously consider flying solo for at least the next two weeks. Our Cherokee cockpits are roomy compared to some GA four-seaters, but we are certainly nowhere near the recommended 6-feet from our co-pilot and passengers. Remember that people who have COVID-19 but no symptoms can transmit the virus, as can those who have yet to develop symptoms. Social distancing feels foreign to us but it works! Check your temperature twice a day and call your doctor if it is 100.0 or higher. Don't fly if you feel even a little bit unwell—COVID symptoms can develop very rapidly and can be very severe; you don't want to be shooting an ILS while you are shaking uncontrollably from fever and having a coughing fit!

Lastly, we all should be following the prevention guidelines posted by the Centers for Disease Control and Prevention (CDC):

- **Wash your hands** often with soap and water for at least 20 seconds especially after you have been in a public place, or after blowing your nose, coughing, or sneezing.
- If soap and water are not readily available, **use a hand sanitizer that contains at least 60% alcohol**. Cover all surfaces of your hands and rub them together until they feel dry.
- **Avoid touching your eyes, nose, and mouth** with unwashed hands.

- **Cover your mouth and nose** with a tissue when you cough or sneeze or use the inside of your elbow.
- **Throw used tissues** in the trash.
- **Avoid close contact** with people who are sick
- Put **distance between yourself and other people--6 feet is recommended.**
- **Clean AND disinfect [frequently touched surfaces](#) daily.** This includes tables, doorknobs, light switches, countertops, handles, desks, phones, keyboards, toilets, faucets, and sinks. Use 5 tablespoons (1/3rd cup) bleach per gallon of water OR 4 teaspoons bleach per quart of water.
  - **If surfaces are dirty, clean them first:** Use detergent or soap and water prior to disinfection.
- **Stay home** if you are sick, except to get medical care.

Wishing you good health and good humor during these challenging times,

*Auguste*

Auguste H. Fortin VI, MD, MPH, FACH, MACP  
 Professor, Department of Medicine  
 Yale School of Medicine  
 Yale Aviation Board of Directors

The Board is looking for a few good people to brainstorm in four groups as we work to keep Yale Aviation healthy and vital. They are:

1. Membership - Attract new members through advertising and targeting Yale grad students & young faculty, ideally 10 new members/students.
2. Fundraising - especially as concerns unflown hours.
3. Training Program / Aviation Education – what programs can we run to support our educational mission?
4. Aircraft Purchase - Locate a used airplane that fits our needs.

Let us know if you can help with one of these endeavors. We look forward to hearing from you!

Those of you who've accumulated more hours than you might likely fly please consider donating to the club – it is tax deductible!! **Help keep Yale Aviation alive in the future as it was for you!**

**... & PLANES**

**Winter Flying:** Winter is here! Frost, snow, ice and freezing rain. When you schedule the aircraft, more than likely it will need to be deiced (frost or freezing rain) and pre-heated.

**Pre-heating is a must when temperatures have been below 20 degrees at any time during the preceding 9-12 hours!** *One way to check if preheating is needed is by checking cylinder head temperature (CHT) during preflight.* It should be at LEAST 30°F. Remember that NO ONE should be inside the airplane when it is being preheated. Check out the CO monitor – it will go black!

**Light de-icing takes place outside:** 15 minutes with the tail of the airplane into the sun, followed by 5-10 minutes with the front of the wings into the sun should do the trick. Excessive melted water can be wiped off the wings, but it is best to just let water blow off once the aircraft is in the air. **NEVER scrape frost off the windshield**, or the wings for that matter – there is dirt in that frozen water, and it will cloud the Plexiglas & scrape the paint. If there is heavy frost, de-icing will require the hangar for a meltdown.

**TO HANGAR THE AIRPLANES**, or for any pre-heating questions, contact our chief pilot, **Charlie Skelton** (203-640-3580). And be sure to tip those line guys a few dollars if they are preheating out in the cold for you for 20 minutes!

Winter flying is indeed something else. Our types of aircraft were not designed to traverse snow covered, iced-over ground so take caution: you are in a new environment (it is not a four wheel-drive!). Some very simple things: the Piper step is a small piece of cold metal, dark in color; it can be iced over even from previously stepping on it during preflight. The black walkway can be black ice. Stepping down from the wing onto ice can be dangerous. *Be sure not to be the next uncontrolled human flight!*

**32028** is AOK. We have an appointment to upgrade its electronics at the end of April with a Garmin 375 Navigator and one of 55044's old radios. This will make 32028 both ADS-B compliant and give it the ability to fly RNAV/GPS approaches!

**55044** is having an issue with its idle and an intermittent issue with the ADS-B encoder, and we are working on these. It will be going to Barnes at the end of April as part of its corrosion protection program. In addition we are conducting a more intensive engine inspection protocol as the engine is over its TBO time. We expect to replace the engine this winter.

**ALSO NOTE for 55044:**

1. We must be vigilant at keeping water out. **Please, always use the airplane cover when you know it will be raining, as this will really help!** If the weather is sunny or it is summertime, then **having the cover off** is preferred. When in doubt, ask **Charlie Skelton**.
2. Remember: **ONLY remove the cowling when you have at least two (2) people**. Scrapes and chips can easily occur, and this is most probable when you try to remove the cowling with one person only!
3. The seat-back covers (those "caps" that slip over the top of the seat to prevent wear on the fabric) should be in place when you leave the airplane.



**HOW WE TREAT OUR AIRPLANES!** When you arrive at the airport, you should expect the aircraft to be in good condition. Remember:

- **TAKE OUT THE TRASH!** Please be sure any spare paper, charts, etc are removed after your flight.
- **CAREFUL WITH THE BRAKES!!** We have had 5 tire changes in the last year, with "flat spots" often seen on the tires of both airplanes. This is most commonly caused by *landing while holding the brakes* or braking too hard to make the first turn off the runway. PLEASE, be kind to the tires, and watch how you are using the brakes.
- **Tied down securely, with proper knots, taut lines, and no spare length of rope that can whip around in the wind.** Please ask if you need a demo or some practice in this vital area for airplane security.
- **Gust lock is in position, window closed, aircraft locked (both baggage compartment AND door), COVER ON!**
- ALL instruments turned off –*particularly important for doing the hot mag check at shut-down*, since an unexpected electrical surge could fry delicate avionics equipment left on!

If the aircraft is not up to this standard, please let chief pilot **Charlie Skelton** (203-640-3580) know so he can improve matters. ***Be sure to leave our airplanes secure and clean*** – just like YOU would like to find them!

We like to encourage our members to take the airplanes and make use of them, but PLEASE remember that if you find you need to have fuel for the planes or take them in or out of the hangars afterhours, this will result in a **CALLOUT FEE of \$150** that will be charged to Yale Aviation and passed on to you.

The easiest way to avoid these fees – and work well with the kind line folks at Robinson – is **FOR YOU** to let the Robinson front desk know well ahead of time if you need fuel or wish to use the airplanes early or late. Please be as considerate as you can of their time and efforts.

There is a drop box to the right of the doors to the hangar nearest the FBO entrance from the ramp. This is here you can leave airplane keys if you return to the airport after Robinson has closed. PLEASE be considerate of your fellow aviators. Any questions? Please give **Charlie Skelton** a call and he can go over both dropbox use and what constitutes a callout!



### Auto-Schedule monthly payments on your account!

So far, our new billing and scheduling system **FLIGHT CIRCLE** is running well, with lots of flexibility to make and cancel reservations. You can even include a viewable note on your reservation if you are looking for company, or a safety pilot, for example.

### Remember:

- If your preferred time-slot is not available, we encourage you to make a **BACKUP reservation** instead of a PRIMARY one – there is a pull-down menu for “Reservation Type” to change this selection. You will get an email or text notification if your reserved time comes free.
- Dispatch your flight before/during the pre-flight, and check it back in upon returning. Once checked in, your reservation will be grayed out, which will allow other members to reserve the airplane, *even if you reserved the airplane for more time.*
- If the Hobbs or Tach in Flight Circle doesn’t match the actual numbers in the aircraft, please:

1. Note the correct times on the paper log in the aircraft (this is the document of record)
2. Check-in the flight and **enter the correct Hobbs and Tach times shown.**
3. **DO NOT pay off your account.**
4. Notify Billing Officer Josh Snow (text...203-804-4845) with the correct times and ideally a picture of the paper log. He will correct your account and you can pay once it is corrected.

Flight Circle is being used for all billing - dues, flights, minimum flight hours. **Josh Snow**, our billing officer, will send out a statement towards the end of each month to remind you of what you owe. **Please be sure to settle your bill on a monthly basis!** This can be easily done by auto-scheduling payments, which will then be charged to your card on a date of your choosing every month.

If you have any questions or problems, please contact our Billing Officer **Josh Snow**, [Joshua.r.snow@medtronic.com](mailto:Joshua.r.snow@medtronic.com) or call/text him at 203-804-4845. You can also contact **Laura Baldwin** [lbaldwin@aol.com](mailto:lbaldwin@aol.com) or **Jake White** [jake.white+ya@gmail.com](mailto:jake.white+ya@gmail.com).

## AVIATION EDUCATION & NEWS

Stuck at home, staying away from large gatherings? Try one of the webinars found at [faasafety.gov](http://faasafety.gov) within the WINGS program!

# WINGS - Pilot Proficiency Program

The **WINGS** - Pilot Proficiency Program is based on the premise that pilots who maintain currency and proficiency in the basics of flight will enjoy a safer and more stress-free flying experience.

Reviewing and refreshing your knowledge is just as important as actual flying. To meet this goal, we provide you many opportunities to complete online courses, attend seminars and other events, and participate in webinars. Many 3rd party activities, such as those offered by AOPA, ASA, Sporty's, Gleim Publications, and others, qualify for WINGS credit and will indicate such credit on their web site.

Note that completion of any Phase of WINGS (including the flight portion) satisfies the requirement for a flight review. So not only will you complete a review of the most common weak areas that have led others to the accident site, but you end up with a flight review, as well!

In addition, we have two excellent resources to help you navigate the **WINGS** Program: the [FAA Advisory Circular on the WINGS – Pilot Proficiency Program, AC61-91J](#), and a [WINGS User's Guide](#).

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## "Things That Make You Go HMMM - Charts and Airspace - 2020"

Topic: A Special Edition From the New England FAAS Team - Feeling Cooped Up? We Are! Please Join Us for This Special 'Addition' Webinar!  
On Wednesday, March 18, 2020 at 18:30 Eastern Daylight Time (15:30 PDT, 16:30 MDT, 17:30 CDT, 12:30 HST, 14:30 AKDT, 15:30 Arizona, 22:30 GMT)

**Select Number:**  
EA6199676

### Description:

A look at the odd, different and complex items that you may see in your flying. Do you think you know charts or even more so the why behind the various items on charts - find out. Updated for the new Aeronautical Chart User's Guide and developing Airspace Incursion avoidance.

To view further details and registration information for this webinar, [click here](#).

The sponsor for this seminar is: **New England FAAS Team**

The following credit(s) are available for the WINGS/AMT Programs:

Basic Knowledge 3 - 1 Credit

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**PODCASTS & APPS & GADGETS**— Please send me your favorite app, tech toy, video or podcast suggestion to share!

Sometimes it's nice to check out an aviation training website. Try out this one, from Sporty's:  
<https://studentpilotnews.com/>

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Station Weather app, recommended by Sporty's, for a small charge.

<https://apps.apple.com/us/app/stationweather-aviation-weather/id890381198/?platform=iphone>

## TWEED NEWS -



Remember to check NOTAMS often, especially as the weather gets bad. Airport or runway closures will be indicated there.

**TSA Badges** – If you are checked out to be PIC of one of our airplanes, you will need a TSA security badge for KHVN. To obtain one you must

1. Have a completed application signed by our TSA signatory, **Laura Baldwin** (203-966-8499, [lfaldwin@aol.com](mailto:lfaldwin@aol.com)).
2. Once that is done, contact Bryan Hoffman [bhoffman@flytweed.com](mailto:bhoffman@flytweed.com) to organize training, have your fingerprints taken, pay your fee of \$50 (cash or check made out to "HVN") and have your new badge issued.

Renewals are \$30, which we all need to do every other year in September. Be sure to have your old badge plus two forms of government issued ID, and AT LEAST ONE NEEDS TO BE A **PASSPORT, SOCIAL SECURITY CARD OR BIRTH CERTIFICATE**.

If someone isn't compliant their badge will be disabled, and they will have to attend a training class to have it re-enabled and usable.

**Tweed is becoming quite serious about everyone having and using their security badge** – pilots without badges will be escorted from the airport and will not be able to fly!!! Do not be that pilot – get your KHVN badge NOW!!!

## ONLINE -

**Yale Aviation** is on Facebook - be sure to post photos, ask questions of fellow pilots, encourage those who are working their way through ratings and exams, or see if you can organize a passenger on your next flight. We have opened this group so that your friends (and prospective members?) can see what we are all about.

Remember pictures can also be posted on our Yale Aviation website at [www.YaleAviation.org](http://www.YaleAviation.org). **Tom Sobocinski**, our Webmaster, has updated the site to include a gallery of names and faces, current Newsletters and the full 12-serie Yale Aviation, Inc History by **Hank Galpin**. Check it out!!! (Suggestions for further revisions welcome)

**IF YOU DON'T LIKE YOUR PICTURE ONLINE, PLEASE SEND ME A BETTER ONE!**

**YA MERCHANDISE!** Check out our two online "storefronts" for purchasing YA-logged merchandise! One is at located at Customized Girl



(<http://www.customizedgirl.com/s/yaleaviationmerch>) and one at Zazzle (<https://www.zazzle.com/s/yale+aviation>). Zazzle in particular has some new items (cell phone grips, ornaments, bag tags) which should go online by the end of the weekend or next week, so check it out!

What you order from these locations will be delivered directly to you, PLUS a portion of the sales will come back to the club.

Contact Laura Baldwin ([lfbaldwin@aol.com](mailto:lfbaldwin@aol.com)) if you have any questions or have ideas for additional merchandise!



We take part in **Sporty's Flying Club Rebate Program** which means we will receive cash back for our club on all your purchases from Sporty's. Every time you make a regular purchase – either online, at 800.SPORTYS, or in their store – we will receive a 5% cash rebate, using your email to link these purchases to our club.

Of course, this program is a great way for Sporty's to steer business their way, but we have an opportunity to also reap the benefit. With your participation, this will be a win-win for all of us. Go to [sportys.com](http://sportys.com) or call 800-SPORTYS – no special code needed.

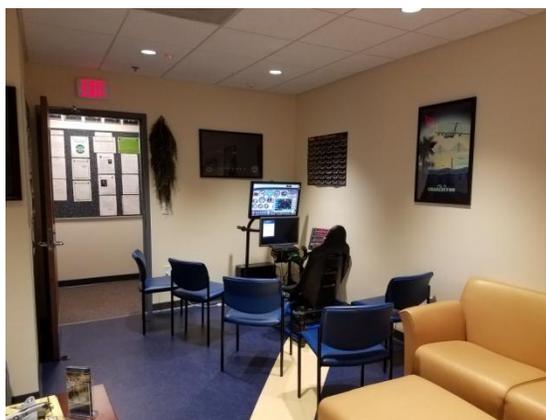
**If you have a friend or family member who buys presents for you, be sure to let me know so I can get them added to our club list. Anyone who is NOT on that list will not get us our rebate, even if they are buying for someone on the list!!**

## SIMULATOR -

The simulator now lives in the "Hangar" of the Yale AFROTC suite. The address for the simulator is 55 Whitney Avenue, Suite 450, 4<sup>th</sup> floor.

For those with Yale Net IDs that would like to gain access to the building and the simulator, send an email to [Micah@yale.edu](mailto:Micah@yale.edu) with your name and Yale Net ID. He will work with the AFROTC team to give you access.

If you do *not* have a Yale Net ID, you will need to gain access to the sim through **Charlie Skelton** or another club member with access. YA has priority over use of the sim, so feel free to use it even if cadets are there when you arrive.





The Yale Aviation Newsletter goes out to the membership on the 15<sup>th</sup> of every month. Please let me know if you have any news, suggestions, or comments:

[YASecretary@aol.com](mailto:YASecretary@aol.com)

Laura Baldwin, Secretary