YALE AVIATION NEWSLETTER

March 2021

UPCOMING EVENTS

- **Women Take Flight @ the New England Air Museum (Virtual Event)** - March 20th & 21st, 27th & 28th
  https://www.neam.org/shell.php?page=programs_2021_women_take_flight&fbclid=IwAR3ycl8lk19LHhhcsnWrKk4Zwgsd9b3bM8yF6exqq0TbtkXrrj71pqE9qwM

  March 20th 10:30am-12:30pm Kathy Wadsworth and Peggy Loeffler will be on site for socially distance chats with visitors.

- ***Creating the Future of Vertical Flight: A Sikorsky Innovations Perspective*** **, featuring Jonathan Hartman, Sikorsky Innovations -** Thursday, March 25, 2021, 6:00pm – 7:30pm. What is the future of flight and how will we get there? Jonathan Hartman shares how the advanced technology arm of Sikorsky has been reinventing the helicopter over the last ten years and what the next decade might look like, from the perspective of one of the world's largest providers of vertical flight solutions. **There is no charge for this event, but registration is required. Click here to reserve your spot today.**

- **Wash & Wax** – We are working on how to do social appropriate airplane cleaning in the spring. Please contact Laura Baldwin (lfbaldwin@aol.com) if you have a clever idea….

PILOTS…

Message from the FAA regarding Vaccines:

After careful review of available data regarding safety profiles, the FAA Office of Aerospace Medicine (AAM) adopts the following policy as both safe and operationally responsive to this unique situation:

Holders of FAA-issued Airman Medical Certificates or Medical Clearances may receive the Pfizer-BioNTech, Moderna, or Johnson & Johnson COVID-19 vaccine; however, a 48-hour no fly/no safety related duty interval must be observed after each dose.

Coronavirus Protocols

Should you decide to take one of our airplanes to go flying, please be sure to remember the following:

1. **Robinson's lobby** has limited hours. After-hour requests (such as fuel) up to 8 pm are charged at $150/hour, more if it is later. Check their website for details. http://www.robinsonaviation.com
2. **New Haven Aviation Center** has generously offered to let us use their gate for entering and exiting the airport – a real convenience outside of the hours that Robinson is open. If you need the passcode, please contact Laura (lfbaldwin@aol.com; 203-517-5409 cell).
3. **Please be sure to disinfect the cabin and controls as outlined in your confirmation email from Flight Circle**. Charlie has supplied each airplane with gloves, but *bring your own disinfectant*, being sure NOT to use chlorine-based cleaners on the delicate avionics.

RAF Saves Goodspeed – piece edited by Laura Baldwin

The RAF (Recreational Aviation Foundation) announced at the end of December that one of the country's most distinctive airports has been saved from potential closure.

Goodspeed Airport, (42B) lies beside the historic Connecticut River in East Haddam, CT. The airport has a 2,120-ft paved runway, a parallel turf runway, and is the only seaplane base in southern New England, listed as 4,500 feet in length. Nearby is a 1913 swing bridge that swivels on a turntable to allow river traffic through, and within easy walking distance is a typical New England village and the Goodspeed Opera House, world famous for its Tony-award-winning productions.

"I learned that the original owner put this airport up for sale, and that this airport could close," RAF Director Bill Brine said. He connected with two local aviation enthusiasts who understood that action was needed to preserve this special airport.

If you want to read more about this "save", click here: https://theraf.org/raf-helps-save-feature-rich-new-england-airport/ .

The RAF is a non-profit 501(c)(3) charitable organization dedicated to preserving existing airstrips and creating new public-use recreational airstrips throughout the United States. You can donate to their worthy cause of saving airports throughout the USA at their website: www.theraf.org .

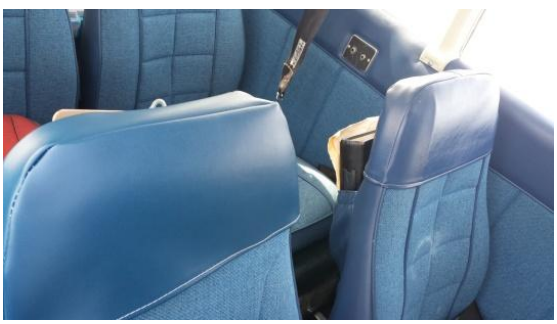
… & PLANES

32028 is A-OK.

55044 continues to periodically show high CO readings if in slow flight, particularly with full flaps. The reading goes down right away when the nose is lowered, but please be cautious when practicing this maneuver, or power-off stalls. Otherwise it is AOK, with installation of a new engine expected mid-April (Lycoming reports our engine should be shipped April 6!)

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: **you MUST have two (2) people to remove the cowling.** 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. If the aircraft is not up to this standard, please let chief pilot **Charlie Skelton** (203-640-3580) know so he can improve matters.

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!

Be sure to leave our airplanes secure and clean – just like YOU would like to find them!

CO Detection

As a precaution, we have included an electric CO detector in N55044 (there used to be one in N32028 also) to supplement the button-type CO detecting cards already installed on the panel in both airplanes. Anyone flying 55044 should be sure to turn on this unit (found in the passenger side pocket) to assist in warning of high CO levels, especially in winter when the cabin heat might be in use. It needs no further manipulation than to **turn it on by holding down the power button for the count of three** – as set, this electric unit will display the CO in ppm (parts per million) and make an audible & flashing low level warning with CO over 35 ppm. OSHA guidelines are no more than 50 ppm average over an 8 hour day, so hearing the audible warning should not send anyone into a panic. By comparison, 200 ppm over 2-3 hours results in a slight headache and loss of judgment. 800 ppm over 45 minutes results in dizziness, nausea and convulsions. Your personal reaction may differ.

Even at low levels, mitigating the risk by opening an outside air vent, turning down the heat, or altering your flight attitude (if doing slow flight) might be in order if you hear or see the alarm.

For more information the TOCSIN3 manual can be found here: https://www.brandtinst.com/Otis-Instruments_Portable-Gas-Detectors/Images/OI-315-TOCSIN3-CO-Cockpit-Monitor-Operation-Manual-Rev.-2.0.pdf

And for those of you who are EAA members, you can view their archived webinar on Surviving CO Exposure here: https://eaa.org/Videos/Webinars It is fascinating!

Carbon Monoxide Poisoning Symptom Guide

Concentration	Symptoms
35 ppm (0.0035%)	Headache and dizziness within 6-8 hours of constant exposure
100 ppm (0.01%)	Slight headache in 2-3 hours
200 ppm (0.02%)	Slight headache within 2-3 hours; loss of judgment
400 ppm (0.04%)	Frontal headache within 1-2 hours
800 ppm (0.08%)	Dizziness, nausea, and convulsions within 45 minutes; insensible within 2 hours
1,600 ppm (0.16%)	Headache, tachycardia, dizziness, and nausea within 20 minutes; death in less than 2 hours
3,200 ppm (0.32%)	Headache, dizziness and nausea within 5-10 minutes; death within 30 minutes
6,400 ppm (0.64%)	Headache and dizziness in 1-2 minutes; convulsions, respiratory arrest, and death in less than 20 minutes
12,800 ppm (1.28%)	Unconsciousness after 2-3 breaths; death in less than three minutes

Updating our Garmin databases –
Remember when you turn on the avionics in our airplanes to always hit the "update" softkey on the Garmins to be sure that the databases are always updated.

A few tips/reminders for using Flight Circle, our online scheduling and billing system:

- If the Hobbs number is changing, **PLEASE use the number it is changing to** in your calculations. More flight time in your logbook! This is a club policy – ANY part of a number showing means that number should be used!
- 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*.

Auto-Schedule monthly payments on your account for your convenience and ours!

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

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!**

AVIATION EDUCATION & NEWS

FAA Safety Briefing Live — March 16

The next *FAA Safety Briefing Live* is coming your way starting at 1900 CT on Tuesday, March 16, 2021. The live-streaming broadcast will introduce the March/April 2021 issue, which focuses on the many facets of airport surface safety. Feature articles and departments provide a "road map" to the various tools, resources, and strategies airmen can use to steer clear of risk during the ramp-to-runway segment of their journey. We look at some technology advances, both inside and outside the cockpit, that are proving effective in the battle against runway incursions and surface safety events.

To access this presentation, go to https://www.faasafetybriefing.com/March-April2021.html. Registration is not required. To earn WINGS credit for viewing the presentation, please click the "Earn WINGS Credit" button from within the presentation window. You can also view and earn WINGS credit on archived broadcasts of *FAA Safety Briefing Live*. Follow the link on the lower right corner of the page, or go to www.faasafetybriefing.com.

"NAFI - Training the Blarney Out of Runway Safety"
Topic: Improve Your Surface Safety Skills, Learn Best Practices To Keep You And Your Students Safe Rather Than Lucky
On Wednesday, March 17, 2021 at 19:00 Central Daylight Time (17:00 PDT, 18:00 MDT, 20:00 EDT, 14:00 HST, 16:00 AKDT, 17:00 Arizona, 00:00 GMT)

Select Number:
CE03104189

Description:

This presentation is for pilots operating in the Runway Safety Area (RSA) and the signs, painted markings and lighting that surround it. The RSA is a protected area for the safe departure and landing, and if necessary, excursion space for pilots.

Pilot Deviation (PD) Runway Incursions (RI) related to crossing the Runway Hold Line without communication or authorization continue to trend for general aviation pilots.

This discussion will encompass a presentation of statistics, the visual cues surrounding the RSA and the Flight Standards Compliance Program. Last, and importantly, resources are provided to the flight instructors for a review and use to develop lesson plans for students.

To view further details and registration information for this webinar, click here.

The sponsor for this seminar is: **FAASTeam**

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

Advanced Knowledge 1 - 1 Credit

"FAA Safety Briefing LIVE! - March/April 2021"
Topic: The March/April 2021 Issue Of FAA Safety Briefing Focuses On The Many Facets Of Airport Surface Safety.
On Tuesday, March 16, 2021 at 19:00 Central Daylight Time (17:00 PDT, 18:00 MDT, 20:00 EDT, 14:00 HST, 16:00 AKDT, 17:00 Arizona, 00:00 GMT)

Select Number:
CE03104221

Description:

Feature articles and departments provide a “road map” to the various tools, resources, and strategies airmen can use to steer clear of risk during the ramp-to-runway segment of their journey. We look at some technology advances, both inside and outside the cockpit, that are proving effective in the battle against runway incursions and surface safety events.

We also take a behind-the-scenes look at the FAA’s surface safety stewards, the men and women who manage the agency’s Runway Safety Program and who regularly depend on your feedback.

NOTE: While many of the ideas covered in the quiz are included in the presentation, you will need to download a copy of the magazine from:
https://www.faa.gov/news/safety_briefing/
to complete this course

To view further details and registration information for this webinar, click here.

The sponsor for this seminar is: **FAASTeam**

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

Advanced Knowledge 2 - 1 Credit
AMT: 1.00

"Understanding Angle of Attack"
Topic: Promote safe flying by raising awareness of Angle of Attack and reduce the likelihood of a Loss of Control Accident
On Thursday, March 18, 2021 at 19:00 Eastern Daylight Time (16:00 PDT, 17:00 MDT, 18:00 CDT, 13:00 HST, 15:00 AKDT, 16:00 Arizona, 23:00 GMT)

Select Number:
EA13104244

Description:

Loss of control is a primary causal factor in most aircraft accidents. This webinar will review the aerodynamics of Angle of Attack, present information on the benefits and use of Angle of Attack indicators installed in general aviation aircraft, and reduce the likelihood of loss of control accidents by raising awareness of Angle of Attack.

To view further details and registration information for this webinar, click here.

The sponsor for this seminar is: **Harrisburg FAASTeam**

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

Basic Knowledge 2 - 1 Credit
Basic Knowledge 1 - ½ Credit

"IMC/VMC Monthly Club Meeting at Lincoln Park NJ"
Topic: A dialogue on actual IMC situations experienced by instrument pilots, which will be discussed with the participants.
On Tuesday, March 23, 2021 at 19:00 Eastern Daylight Time (16:00 PDT, 17:00 MDT, 18:00 CDT, 13:00 HST, 15:00 AKDT, 16:00 Arizona, 23:00 GMT)

Select Number:
EA25104035

Description:

Designed for both IFR Pilots and VFR Pilots interested in becoming Instrument Rated.

Based on in-flight experiences of IFR and VFR Pilots in varying weather conditions from hard IMC to MVFR

Regular monthly *webinars/zoom meetings* will be conducted until local seminars/gatherings are permitted and conducted in conformance with Federal and State COVID-19 compliance.

Based on numerous IMC and VMC flight experiences collected by the Experimental Aircraft Association.

To view further details and registration information for this webinar, click here.

The sponsor for this seminar is: **FAASTeam Teterboro**

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

Basic Knowledge 3 - 1 Credit

"ForeFlight Advanced Tips and New Feature Update - Free Sportys Webinar"
Topic: Join Sporty's and ForeFlight's Phil Inman to learn advanced tips for safer flight planning and in-flight decision making.
On Wednesday, March 24, 2021 at 15:00 Eastern Daylight Time (12:00 PDT, 13:00 MDT, 14:00 CDT, 09:00 HST, 11:00 AKDT, 12:00 Arizona, 19:00 GMT)

Select Number:
GL05104026

Description:

Become a power user of aviation's top app in this fast-paced webinar. ForeFlight's Phil Inman shows off some of the latest additions to the app, plus advanced tips for safer flight planning and in-flight decision making.

To view further details and registration information for this webinar, click here.

The sponsor for this seminar is: **FAASTeam**

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

Advanced Knowledge 1 - 1 Credit

EAA March Webinars

Rolling Fear Upside Down with Aerobatics
TUESDAY, MARCH 16, AT 7 P.M. CDT
Presenter: Cecilia Aragon

Register Now ›

Sling Aircraft Kits
WEDNESDAY, MARCH 17, AT 7 P.M. CDT
Presenter: Mike Blyth

Register Now ›

SNAGGED! Dealing with Defects Safely and Legally
WEDNESDAY, MARCH 24, AT 7 P.M. CDT
Presenter: Sebastien Seykora | *Qualifies for FAA WINGS and AMT credit.*

Register Now ›

Engine Care Items Every Pilot Should Know
WEDNESDAY, MARCH 31, AT 7 P.M. CDT
Presenter: Bill Ross | *Qualifies for FAA WINGS and AMT credit.*

Register Now ›

EAA April Webinars

Wittman Tailwind & Buttercup
TUESDAY, APRIL 6, AT 7 P.M. CDT
Presenter: Earl Luce | *Homebuilders Webinar Series*

Register Now ›

How Risky is Maintenance
WEDNESDAY, APRIL 7, AT 7 P.M. CDT
Presenter: Mike Busch | *Qualifies for FAA WINGS and AMT credit.*

Register Now ›

The E-1 and the Pursuit of a Record
TUESDAY, APRIL 13, AT 7 P.M. CDT
Presenter: Eileen Bjorkman | *Museum Webinar Series*

Register Now ›

Canadian Airspace 101
WEDNESDAY, APRIL 14, AT 7 P.M. CDT
Presenter: Radek Wyrzykowski | *Qualifies for FAA WINGS credit.*

Register Now ›

Podcast & Apps & Gadgets -

Try out this 30 minute monthly podcast from the FAA for aviation nerds on a wide variety of subjects: https://podcasts.apple.com/us/podcast/the-air-up-there/id1528075107

TWEED NEWS -

NOISE ABATEMENT PROCEDURES: The Tweed-New Haven Airport is bounded to the West and East by suburban communities and to the South by sensitive wetlands. Please adhere to the following procedures to help us be the best neighbors and stewards of the land as possible:

- Departing Runway 20, fly runway heading until crossing the shoreline before making any turns.
- Departing Runway 2, fly runway heading to 1,000 feet before making any turns.
- No touch-and-goes late at night (ie from 2200 local to 0700 local, 0800 local on Sundays).

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 access the aircraft. To obtain one you must

1. Have a completed application signed by our TSA signatory, **Laura Baldwin** (203-966-8499, lfbaldwin@aol.com). For that signature she needs to see two forms of ID (passport and driver's license work really well) - **AT LEAST ONE NEEDS TO BE A PASSPORT, SOCIAL SECURITY CARD OR BIRTH CERTIFICATE.**
2. With the above completed, contact the Badging Office at security@flytweed.com **or** 203-466-8833 ext 1004 (speak with Bryan or Alicia) to have your fingerprints taken and organize training. Badging office and training hours (M, W, F 9am to 2:30pm; Th 2pm to 8pm) will have staff on site to accommodate up to 4 people for badging and renewals, but please give advance notice if you can so they don't double book.
3. New badges are $50 (cash or check made out to "HVN") and renewals are $30, which we need to do every other year in September. Be sure to have your old badge with you, plus the two forms of government issued ID you showed to Laura.

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. **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-logoed 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) if you have any questions or have ideas for additional merchandise!

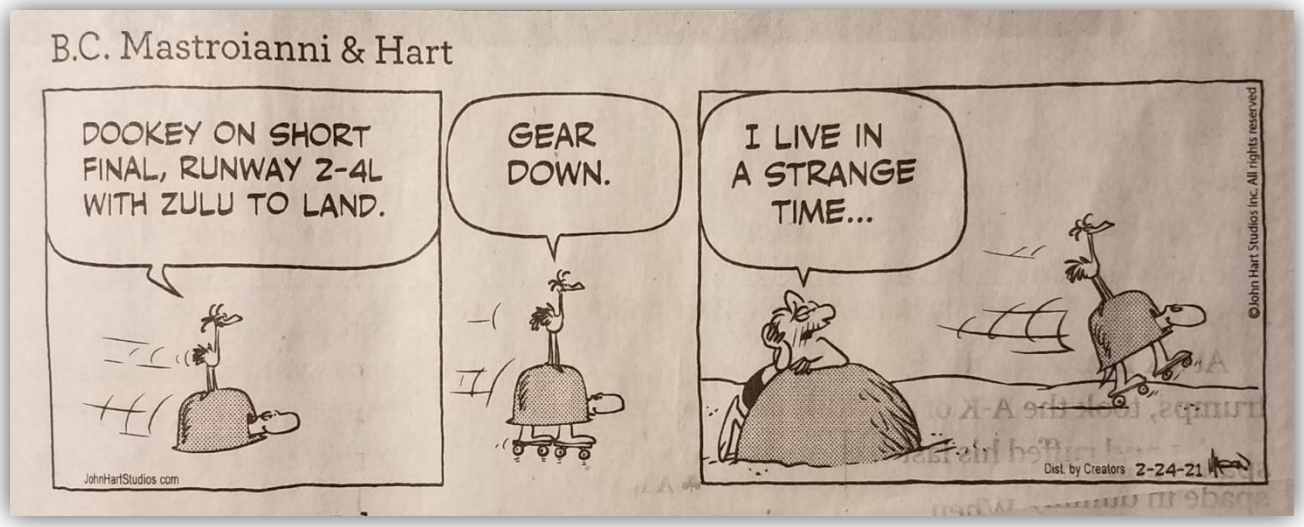
We take part in **Sporty's Flying Club Rebate Program** which means we will receive cash back for our club on all your purchases from Sporty's. Every time you make a regular purchase – either online, at 800.SPORTYS, or in their store – we will receive a 5% cash rebate, using your email to link these 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 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 is on the move to end up in the classroom of New Haven Aviation Center! **Jake White** has been working to update the simulator's systems, and we expect it to be reestablished at the flight school in the next few weeks. Flight time on the sim will be organized with Flight Circle. We look forward to working with Chris George and HVNAC owners Jan Dunn and Mark Poole in this exciting collaboration. Stay tuned for more information as we get set up!



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

YASecretary@aol.com *Laura Baldwin, Secretary*