

YALE AVIATION NEWSLETTER

May 2023

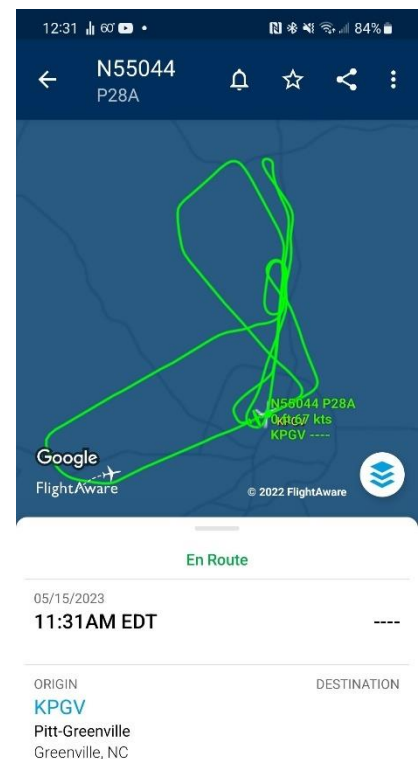


UPCOMING EVENTS

- **Avelo Orientation Flights** – Wednesday, May 24, 2023 at 3pm. Member **Mike Quiello**, also a VP at Avelo, has been spearheading an initiative with East Haven public schools introducing middle school students to aviation. Check out [this segment](#) on New Haven’s ABC affiliate WTNH. **Laura Baldwin** has donated her time and flight hours for a series of 15 minute flights on that day, with an assist from **Jake White** and **David Willmore**. For more information contact **Mike Quiello** (mquiello@aveloair.com).
- **Mory’s Get Together** – Thursday July 20, 5 – 7 pm. More details to follow.
- **Annual Meeting** – Sunday, Nov 5, 2023. Mark your calendars now!
- **Flyout** – Joel is working on 2023 plans. Perhaps something close by for lunch? Or a trip to KBAF to check out the ridiculously bright tower signal lights?? Let him know if you are interested in flyouts! dangelojoel@gmail.com

PILOTS...

Congratulations to **Fritz Heidenriech**, who just passed his instrument checkride today!





Welcome to new member **Justin Morano** –

Justin lives and works in the New Haven area. He learned to fly out of Tweed and is eager to continue developing as a pilot. He loves the challenges and rewards of learning something new. Luckily, there is limitless experience to be gained while flying. He is excited to learn and explore.

Welcome to new member, **John Leonard** -

John is a professional pilot currently flying with Avelo and living with his wife Kate and two girls in Shelton, CT. He grew up in the NYC area but found his passion for aviation while living in Seattle, where he took his first flight in 1992. He loves GA flying (has a glider rating!), and now has the energy and free time to do some fun flying.



Safety Pilots: Members who are anxious to keep their skills, and yours, sharp!

Joel D'Angelo	dangelojoel@gmail.com	203-631-1098
Dan Macdonald	Dmac936@gmail.com	203-788-6320
Josh Snow	joshua.r.snow@medtronic.com	203-804-4845
Laura Baldwin	lfbaldwin@aol.com	203-517-5409
Paul Cleary	paul.cleary@yale.edu	203-415-2402
David Willmore	davidwillmore@mac.com	703-269-8197
Fritz Heidenreich	fritz.heidenreich@gmail.com	203-252-9313

Never too early to think about a Flight Review! Check out this link for information on AOPA's Focused Flight Review Program: <https://www.aopa.org/training-and-safety/active-pilots/focused-flight-review>

Want to refresh your aviation skills? Check out these AOPA Rusty Pilot series youtube videos. https://www.youtube.com/playlist?list=PLQCVVYDKYo3K_AbIL_6XvxoEZJNLgqjr0

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!**

6297J continues to have some electrical gremlins to pursue. After we get these resolved, we will restart club checkouts. Please arrange for this multi-flight checkout with YA-authorized CFIs **David Willmore** or **Laura Baldwin**.

Please note that the new noseplugs, if pushed in too far, will cause scuffing of the paint by the noseplug flag!

Remember, this aircraft has ADSB-out (*NOT in, though*) which means you might want to fly with your iPad connected to the Stratus2 in the airplane for traffic awareness!



We have gathered a few online videos to help with orientation for the avionics in 6297J:

Sporty's G500 overview:

<https://www.youtube.com/watch?v=6AFqG5RunA>

Sporty's sponsored Garmin webinar (2-3-2021) GFC 500 autopilot:

<https://www.youtube.com/watch?v=g4YGFbYhoMk>

Garmin webinar (Apr 2020) on G500 (more emphasis on G5 interface):

<https://www.youtube.com/watch?v=nQMWC5Aq1JM>

Garmin430: <https://www.youtube.com/watch?v=RRU8vVle-cQ>

Mike Jesch Garmin 430 tutorials: <https://www.youtube.com/watch?v=vdXQkNg5ho4>

JPI 830 Engine Monitor Overview: <https://www.youtube.com/watch?v=QrLXYsEBW5A;>

<https://www.youtube.com/watch?v=a8P15IPU9bc>

Leaning with the JPI 830, setting fuel flow usage, and alarms:

https://www.youtube.com/watch?v=U_yWDBfptCc

55044 is about 10 hours from its next 100 hr/annual. It needs new upholstery for the seat-backs of the front seats (working on it...), but the leak through the door and the tendency for high CO readings seems to have been fixed!!

Remember that 55044 has one electronic magneto which ALWAYS needs at least 8.5 volts of power from the alternator or battery in order to function. For that reason, do NOT continue to operate the airplane if the alternator is offline. Unlike with two traditional magnetos, the functioning of this engine is not entirely independent from the electrical system. The efficiency and reliability of the spark is worth this operational change!

NOTES:

1. Remember: you MUST have two (2) people to remove the cowling on 55044 or 6297J. Scrapes and chips can easily occur, and this is most probable when you try to remove the cowling with one person only!

2. Due to construction at the airport, please use the airplane covers always, unless you KNOW that there is another member using the airplane after you.

Notices to our aviators – Maintenance Squawks:

Dan Macdonald (cell: 203-788-6320) is the primary point of contact for airplane maintenance issues. A Maintenance Committee has been formed that consists of **Dan, Joel D’Angelo, Akihiro Hashimoto** and **Jake White**, who will work together to resolve issues with the airplanes. **Please text Dan if you note something amiss – no discrepancy is too small!**

If you note a discrepancy with one of our aircraft please be sure to complete this **three-step process**:

1. **Enter it on paper in the aircraft**, making a short note or comment. You can include more detail on FC.
2. **Enter it in Flight Circle**: Manage > Aircraft > Squawks > Create Discrepancy **OR** when checking in a flight ... go to the schedule, click on the reservation, Check in > Squawks tab > New Squawk.
3. **Notify Dan Macdonald** by text or phone call.

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 maintenance officer **Dan Macdonald (203-788-6320)** know so he can improve matters.

Remember:

- **NO METAL OBJECTS ON THE GLARE SHIELDS!** Headsets, lap boards - as tempting as it is, they can scratch the plexiglass, so please find another spot to keep these objects while doing preflight!
- **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.
- **CAREFUL WITH HOLDING RIGHT RUDDER TOEBRAKE on TAKEOFF!** Both our airplanes have shown unusual wear on the right brake rotor, possibly from pilots holding the right toe brake a bit as they start their takeoff roll. *Heels on the floor, and no toes on the brakes!!*
- **Tie down airplanes 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 of 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!

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** president@gmail.com.

AVIATION EDUCATION & NEWS

Weather Cameras Now in Maine

The FAA’s Weather Camera Program (weathercams.faa.gov) has expanded to the northeast coast, hosting 18 new camera sites in Maine, with plans to add more sites through 2023. The cameras provide pilots with better weather information, especially in terrain where radar coverage is scarce.

Read more about the Maine addition: medium.com/faa/weather-cameras-go-live-in-maine-d41c967a8ef4

"The 300 Dollar Annual"

Topic: Recognizing When the Price for an Annual is Too Good to be True

On Tuesday, May 23, 2023 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:

EA07121961

Description:

Inadequate maintenance and inspections are common accident causal factors. Aircraft owners seeking bargain-priced mechanical services may see unairworthy aircraft returned to service following cursory inspection.

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- Periodic aircraft inspections are necessary in order to detect and correct discrepancies that cannot be discovered in the course of normal preflight inspections.
- Aircraft owners and pilots should insist on regulatory compliant inspections and documentation.
- Aircraft Owners should seek reputable mechanical services and expect to pay a fair price to obtain them.
- Owners of light single-engine airplanes should expect an annual inspection charge to include fifteen and thirty hours of labor for the inspection itself (including logbook/AD review). Airworthiness Directive compliance actions, oil changes, repairs, parts, and supplies will be additional charges.

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:

Basic Knowledge 3 - 1 Credit

"Goodyears Tire Maintenance for Pilots"

Topic: Exactly When is that Tire Worn Out and Other Issues that Affect the Life of the Tire.

On Wednesday, May 24, 2023 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:

EA39121442

Description:

Aviation Development Specialist for Goodyear, Mary Beth will explain proper care for your tires. The importance of always maintaining tire pressure to increase the life of your tire. She will cover standard tire issues and what to look for so you know when its time for a new GoodYear Tire. She will cover tube tires along with tubeless. Best selection practice and much more in this informative webinar.

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:

Basic Knowledge 1 - 1 Credit

AMT: 1.00

"MIND THE GAP! Navigating a Changing Industry 7th Annual Westchester (NY) Aviation Assn Safety Day"

Topic: Multiple safety topics, please see <https://www.westchesteraviation.org/SafetyDay23> for more information.

On Tuesday, June 13, 2023 at 08:00 Eastern Daylight Time

Location: Whitby Castle, Rye Country Club
330 Boston Post Road, Rye, NY 10580

Select Number: EA11121356

Description:

This is a full day conference, 8AM-4PM, with continental breakfast and lunch served. There are

multiple topics for discussion with opportunity for audience questions. This full-day conference will include the topics of training less experienced crew, safety enhancements in coming years in airframes and avionics, avoidable maintenance error related accidents, avoiding accidents and incidents on the ramp in ground operations and managing personal wellness for all aviation employees. Our presenters and panelists include representatives from Dassault Falcon Jet, Embraer, Honeywell, FlightSafety International, Tradewind Aviation, IBM, the Presage Group and the National Air Transport Association, among others.

Please register through

www.westchesteraviation.org/SafetyDay23

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

The sponsor for this seminar is: N/A

The FAA Safety Team (FAAsteam) is committed to providing equal access to this meeting/event for all participants. If you need alternative formats or services because of a disability, please communicate your request as soon as possible with the person in the 'Contact Information' area of the meeting/event notice. Note that two weeks is usually required to arrange services.

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

Basic Knowledge 1 - 1 Credit

Advanced Knowledge 1 - 1 Credit

Advanced Knowledge 2 - 1 Credit

Advanced Knowledge 2 - 2 Credits

Advanced Knowledge 2 - ½ Credit

Basic Knowledge 2 - ½ Credit

Basic Knowledge 1 - ½ Credit

Basic Knowledge 3 - ½ Credit

Podcasts & Apps & Gadgets –

YouTube video on **Legal Interpretation of FARs:** <https://www.youtube.com/watch?v=7xX3Qrtr0pM>

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 or early morning (ie from 2200 local to 0700 local, 0800 local on Sundays).

Keep in mind that fuel is cheaper at Robinson on the weekends. Be sure to ask for a top-off after your flight if it is on a Saturday or Sunday!! And we will reimburse you for fuel obtained at Meriden, where the cost is 25% less!

TSA Badges –

If you are checked out to be PIC of one of our airplanes, you will need a SIDA security badge for KHAVN 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 **Garrett Kimball** at the Badging Office at gkimball@avports.com or 203-466-8833 ext 1004 to have your fingerprints taken and complete training. Their office is located on the first floor of the arrivals terminal, and Garrett is available 9:30-16:00: M-Th by previous appointment, AND Friday for walk-ins. The whole process takes about 1.5 to 2 hours.
3. Once all training exams are completed satisfactorily and security receives a "pass" from the security threat assessment, ID badges can be issued.
4. New badges are \$50 (card payment only) 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!!!

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-part 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(S) -

New Simulator Ready for Action!

YA is glad to announce that our simulator has been upgraded and relocated to New Haven Aviation Center -- the HVN-based flight school! The new model was generously donated by **Jay Leboff**, who founded and runs STEM Pilot, a Waterbury company dedicated to teaching math and science through the excitement of aviation.

The system uses Lockheed Martin Prepar3D software and hardware, including a yoke and rudder pedals together with a switch panel, radio panels, an autopilot panel and a multipurpose display.

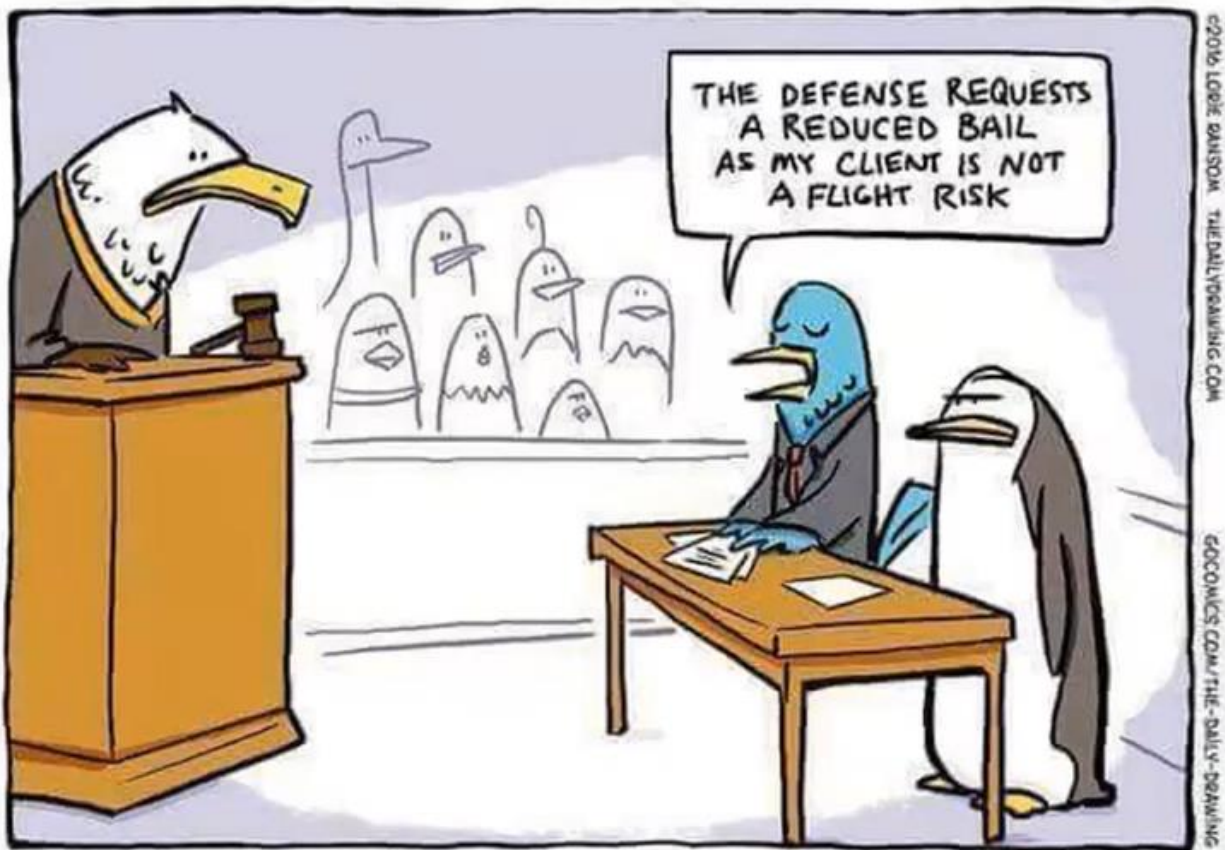


New Haven Aviation Center has agreed to host the YA simulator in the classroom space of their offices at Robinson Aviation. **To book the simulator, call or text Laura Baldwin (203-517-5409) or Jake White (203-668-7655).**

Loggable AATD Simulator Installed at 3Wing Aviation!



The folks at 3Wing Aviation at KBDR have a **Precision Flight Control** flight simulator available for use that is qualified to log approaches and conduct training. It is open to both 3Wing members and the public. Rates are \$99 per hour for non-Club members (instruction is extra), and time can be scheduled by calling 3Wing at 203-375-5795. The initial flight needs an instructor to explain the setup – **Laura Baldwin** (lfbaldwin@aol.com) is such an instructor, qualified with 3Wing. Let her know if you have any questions or want to schedule a flight!



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