

# YALE AVIATION NEWSLETTER

September 2023

## UPCOMING EVENTS

- **Simsbury Fly-In** – Saturday Sept 24, 8 am – 5 pm. Food trucks & Classic cars as well as airplanes. Details at <http://www.simsburyflyin.com/HOME>
- **NE Poker Run** – Saturday, Sept 30 (raindate Sunday Oct 1) KIJD, 42B, KMMK, KBAF, KGBR. Start at any airport after 9 am, collect a card, end at KBAF by 1:30 pm. Hands are \$10 each or 3 for \$25 and support CT 99s. For more information visit [www.flyingpokerrun.org](http://www.flyingpokerrun.org).
- **Angel Flights NE Appreciation Day & Fly-In at NEAM** – Saturday, Sept 30, 2023, 10 am to 3 pm. RSVP by Sept 16. Please contact Jonathan Campbell via email at [jcampbell@angelflightne.org](mailto:jcampbell@angelflightne.org) or call (978) 794-6868.
- **Programs at NEAM** – Check out what's going on this fall: [https://neam.org/pages/event-calendar?kx=4GC2NoUrD4pO\\_AZ7W2Pv5JnPXUAZKljOCa0QqeAdJ0%3D.UhWXSq](https://neam.org/pages/event-calendar?kx=4GC2NoUrD4pO_AZ7W2Pv5JnPXUAZKljOCa0QqeAdJ0%3D.UhWXSq)
- **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](mailto:dangelojoel@gmail.com)

## PILOTS...

**September is Badge-Renewal Month!** Laura Baldwin will be directly contacting those who badges renew. Be sure to check out the plans for a new online renewal process being developed by Tweed Ops (see box with the Tweed Badging section below).

**Welcome back** – Phil Irka is rejoining Yale Aviation! I live in Madison with my Wife Cathy and 9 year old daughter Charlotte. The picture is a day I'll always remember as it was their first flight in a GA plane in 55044! I manage a software engineering department at a surgical robotics company that keeps me on the road between CT, Houston, and South Korea. I'm also busy at home converting my garage into a workshop to start my RV-10 build soon when parts start showing up next month.



**Safety Pilots:** Below are listed members who are anxious to keep their skills, and yours, sharp!

Joel D'Angelo	<a href="mailto:dangelojoel@gmail.com">dangelojoel@gmail.com</a>	203-631-1098
Dan Macdonald	<a href="mailto:Dmac936@gmail.com">Dmac936@gmail.com</a>	203-788-6320
Josh Snow	<a href="mailto:joshua.r.snow@medtronic.com">joshua.r.snow@medtronic.com</a>	203-804-4845
Laura Baldwin	<a href="mailto:lfbaldwin@aol.com">lfbaldwin@aol.com</a>	203-517-5409
Paul Cleary	<a href="mailto:paul.cleary@yale.edu">paul.cleary@yale.edu</a>	203-415-2402
David Willmore	<a href="mailto:davidwillmore@mac.com">davidwillmore@mac.com</a>	703-269-8197
Fritz Heidenreich	<a href="mailto:fritz.heidenreich@gmail.com">fritz.heidenreich@gmail.com</a>	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\\_AbLL\\_6Xvx0EZJNLgqjr0](https://www.youtube.com/playlist?list=PLQCVvYDKYo3K_AbLL_6Xvx0EZJNLgqjr0)

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

**6297J** is out of its 100 hr/annual with a new cylinder, new carb heat lever, new trim cable and more. *The airplane is still in a break-in period*, so look for instructions when booking.

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!
- The locks for this aircraft are touchy, especially the baggage key, which is the one with the red plastic sleeve. It will go in both right-side up AND upside down – flip it around if you find that some gentle jiggling doesn't result in a closed baggage door!

**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](https://www.youtube.com/watch?v=U_yWDBfptCc)

**55044** needs new upholstery for the front seats (working on it for a winter project). It is having issues with the pilot-side push to talk button, which will be replaced. Please squawk if you find you can't get it to connect.

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 by yourself!
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.



**Flight Circle**

**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](mailto:Joshua.r.snow@medtronic.com) or call/text him at 203-804-4845. You can also contact **Laura Baldwin** [lfbaldwin@aol.com](mailto:lfbaldwin@aol.com) or **Jake White** [president@gmail.com](mailto:president@gmail.com).

## AVIATION EDUCATION & NEWS

**Fly Safe Facts Sheets** from the FAA offer a compact way to get the information you might need on a wide variety of subjects, sch as Expanded Preflight after Major Maintenance (<https://www.faa.gov/sites/faa.gov/files/202201/Advanced%20Preflight%20After%20Maintenance.pdf>) Check it out!

### "Collision Avoidance in the Traffic Pattern"

Topic: Discussion of strategies to see and avoid other traffic.

On Wednesday, September 27, 2023 at 19:00 Central Daylight Time (17:00 PDT; 18:00 MDT; 20:00 EDT; 14:00 HST; 16:00 AKDT; 17:00 Arizona; Thursday, September 28, 2023 00:00 GMT)

**Select Number:**

GL13123792

**Description:**

Tom Turner from the American Bonanza Society Air Safety Foundation discusses

specific things you can do to see and be seen, including:

- When and under what conditions most midair collisions occur
- Lessons from accident case studies
- What's legal—and what's not—for traffic pattern entry and departure
- Right-of-way rules and responsibilities
- Practical collision avoidance tactics

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

---

### "CFI / DPE Forum - Check ride issues"

Topic: CFI / DPE Forum: Topics include radio communications, runway markings, aircraft control, true airspeed, and the ACS.

On Friday, September 29, 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:

EA25124281

#### Description:

It's that time again to dive into check ride issues common to Private, Instrument and Commercial applicants. From start-up to climb-out, we've seen ATC miscommunication and misinterpretation of instructions, not knowing how to get to the runway, what taxiway and runway markings mean, how to hold your controls when taxiing and during the take-off roll, what true airspeed is and how it impacts control on the ground, aerodynamics in the air, ground speed, fuel burn, and filing flight plans. The ACS enumerates know-consider-do requirements for each of these tasks and we'll explore how to effectively teach the related concepts to help ensure your student's success. **You are not going to want to miss this discussion!**

This is a master level webinar for certified flight instructors and commercial pilots working towards their flight instructor certificates.

**Of course, all pilots at all skill levels are welcome to join us!**

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

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

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

Master Knowledge 2 - 1 Credit

Master Knowledge 2 - ½ Credit

### Podcasts & Apps & Gadgets –



FAA video refresher on Phraseology:

<https://www.youtube.com/watch?v=1D8-p4f34I>

### 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).

---

### TSA Badges –

If you are checked out to be PIC of one of our airplanes, you will need a SIDA 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](mailto: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](mailto: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 in the office M-F 9:30am-5pm. 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!!!

#### **Paperless Badging Applications:**

Tweed HVN will be moving the SIDA badging application process, as well as training, presentations, and exams, to an online format. This will give authorized signatories complete automated control of their SIDA rosters, including expiration reminders, the ability to upload IDs from anywhere and access outside office hours. Soon our badge holders will be able to complete the renewal process with the only time having to step foot on the property to retrieve their badge.

### 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-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), 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(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](mailto:lfbaldwin@aol.com)) is such an instructor, qualified with 3Wing. Let her know if you have any questions or want to schedule a flight!



"No doubt about it, Bob ... You're infected with tiny fighter planes. What's worse ... you're a carrier."

*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:*

[Secretary@gmail.com](mailto:Secretary@gmail.com)

Laura Baldwin, Secretary