

YALE AVIATION NEWSLETTER

July 2023

UPCOMING EVENTS

- **RESCHEDULED: Mory's Get-Together** – Thursday August 3, 5:30 – 7 pm. Returning member **Santo Galatioto** will be honored with an award from the FAA... 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...

Welcome to returning member Santo Galatioto:



Santo is returning to active status as a member after a very long hiatus. He has a commercial certificate with ratings that include single engine land and sea, instrument airplane, lighter than air balloon as an authorized instructor, and glider limited to private privileges. Santo serves as an FAA FAST member and is one of 12 Designated Pilot Examiners for balloons serving the USA.

Santo's first ride in a small plane was in a Piper J-3 cub when he was 15. He got his private in a Cessna-150 when he was 17. He used to own a tailwheel Taylorcraft airplane and a variety of balloons, but now has an experimental balloon that is his aviation sports car. After 32 years working at Yale both on the central and medical campuses in an administrative position, he retired a few years ago, is enjoying the families of his three sons and their 7 children, and is happy to return to Yale Aviation!

Safety Pilots: Below are listed 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=PLQCVVvDKYo3K_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!**

... & PLANES

6297J is in its 100 hr/annual. A broken carb het cable will be one the things addressed.

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

55044 needs new upholstery for the front seats (working on it...). It received a new altimeter.

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 & NEW

The **Finer Points** video on the FAA guidance issued on the Upwind vs. Departure leg question.

Watch this video for details and a link to the new Advisory Circular.

ASA Presents Author Talk Series - Lesson Plans To Train Like You Fly by Author Arlynn McMahan

Topic: This Presentation Will Highlight Differences Between Training Like You Fly Versus Training To A Testing Standard.

On Tuesday, July 18, 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; Wednesday, July 19, 2023 00:00 GMT)

Select Number:
CE03123137

Description:

US Army General George Patton once said, *“Train like you fight and fight like you train.”* He was encouraging troops to train “under the conditions of the expected operational

environment.” Doesn’t it make sense for pilots to Train Like You Fly?

This presentation will highlight differences between training like you fly versus training to a testing standard. We’ll look at lesson plans that pilots at all levels can use to improve pilot skills and to Train Like you Fly.

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

“Don't Get Rusty Webinar Series”: THE XC FACTOR - HONING YOUR TALENT FOR CROSS COUNTRY FLYING, Hosted by Chris Moser of AOPA

Thu, Jul 20, 2023 12:00 PM - 1:00 PM EDT

Cross-country flights are the bread and butter for really exercising the utility of our pilot certificates. You've mastered the flight planning process during your training, but what can you do to take it all to the next level. Review some often-misunderstood pieces and learn pro tips to taking your cross-country flights to the next level.

- Cross Country tip used by the pros
- How to remember those VFR weather minimums
- Flight Following tips
- Review some of the airspace you will likely see along the way including MOAs and Restricted areas

Register

here: <https://attendee.gotowebinar.com/register/7926905308804777228>

Please take this opportunity to send us any questions you may have on our topic with this link:

<https://forms.office.com/r/L0LD9ajyJr>

Generously sponsored by Boeing, Jeppesen, and ForeFlight.

WINGS credit offered for attending the live presentations.

If you would like to review one of our previous webinars in this series, you can find the playlist by clicking one of the links below

https://www.youtube.com/playlist?list=PLQCVVYDKYo3K_AbLl_6Xvx0EZJNLgqjr0

"Owner Maintenance - Can They Do It - Should They Do It"

Topic: Owner Can Perform a Variety of Maintenance Task on Their Aircraft. The Real Question is Should They?

On Wednesday, July 26, 2023 at 20:00 Eastern Daylight Time (17:00 PDT; 18:00 MDT; 19:00 CDT; 14:00 HST; 16:00 AKDT; 17:00 Arizona; Thursday, July 27, 2023 00:00 GMT)

Select Number:

EA39123229

Description:

Learn about the preventive maintenance items you can perform as an owner. Learn how to decide when to perform it yourself and when its better left up to the professionals. Learn what tooling is required to perform the maintenance. Find out about manuals and what you are required to have. We will also look at some accidents when these task are not properly done. With this knowledge, you'll have a better understanding what your mechanic faces everyday.

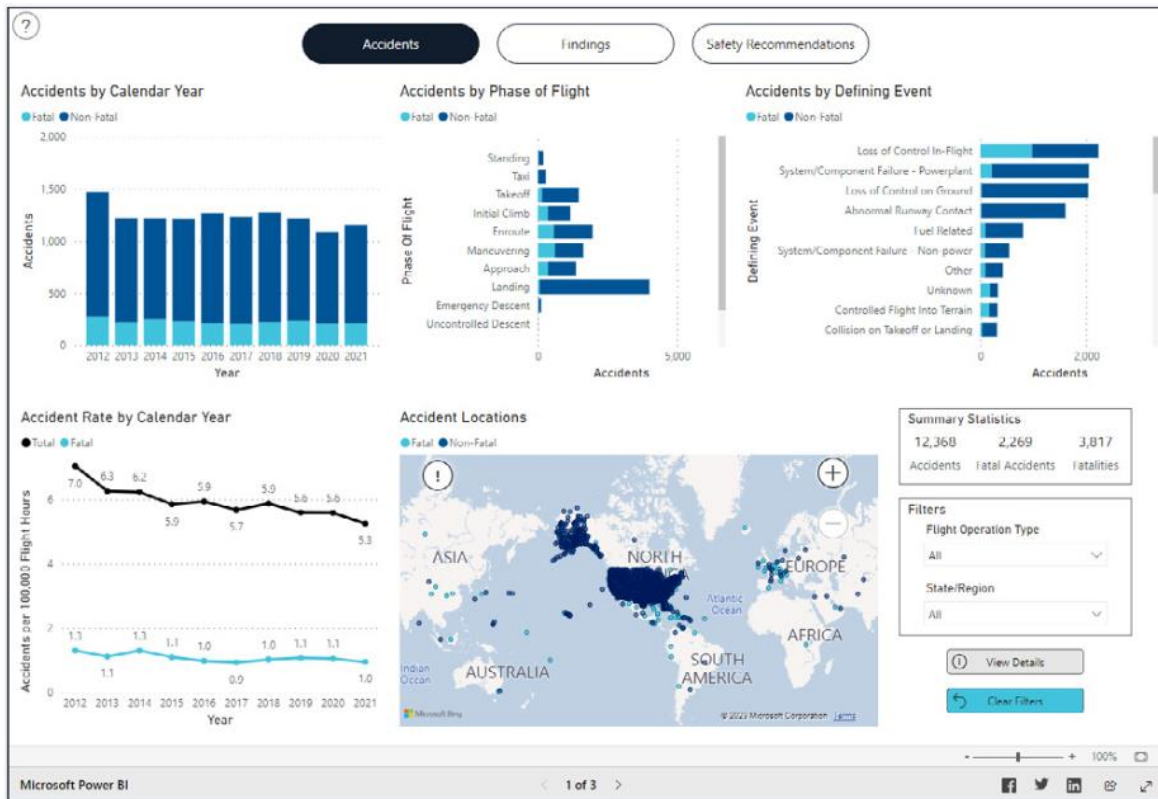
To view further details and registration information for this webinar, [click here](#).

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

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

Basic Knowledge 3 - 1 Credit

Podcasts & Apps & Gadgets –



<https://www.nts.gov/safety/data/Pages/GeneralAviationDashboard.aspx> Get all the analysis you might want to research at NTSB’s **General Aviation Accident Dashboard**. Check it out for info on common GA accidents.

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 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, lfaldwin@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), 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 STEMPilot, 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).**

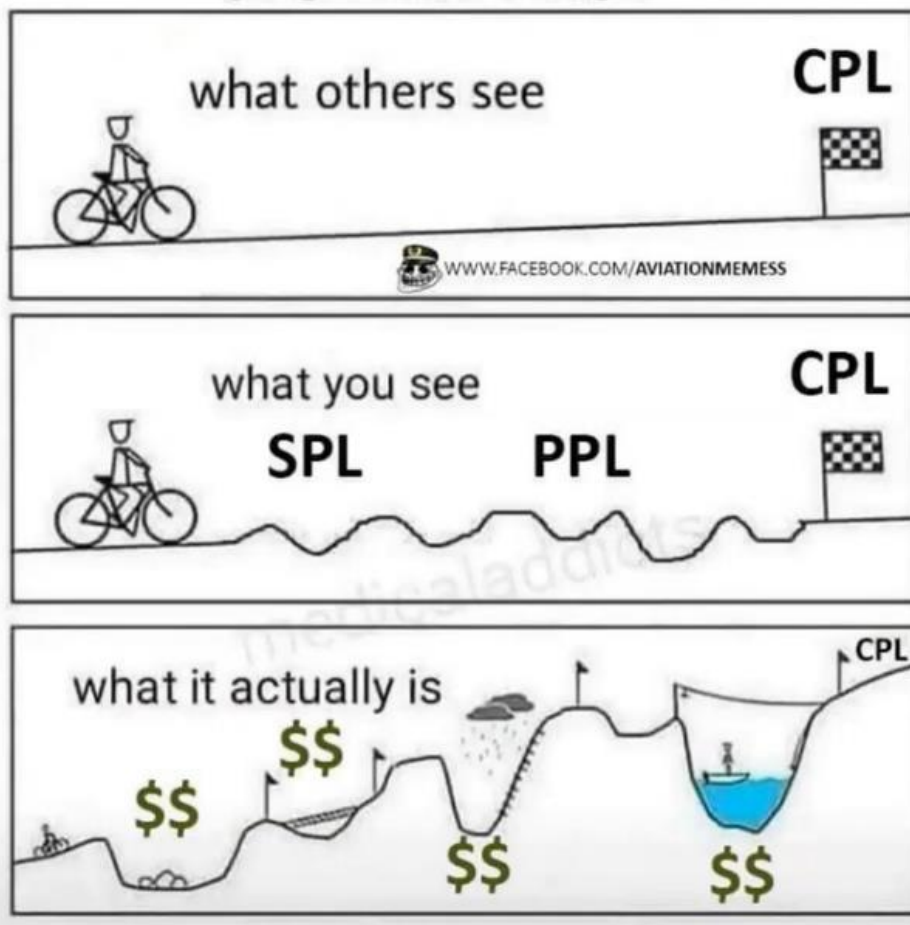


Loggable AATD Simulator Installed at 3Wing Aviation!

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!



STUDENT PILOT



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:

Secretary@gmail.com

Laura Baldwin, Secretary