

YALE AVIATION NEWSLETTER

April 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 10 minute flights on that day, with an assist from **Jake White** and **David Willmore**. For more information contact **Mike Quiello** (mquiello@aveloair.com).
- **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...

Wash & Wax – April 15, 2023

A huge thank-you to **Stephen Montano**, **Joel D'Angelo** and **Jake White** for organizing a



successful Wash & Wax on April 1, 2023. A good time was had by all, and the airplanes looked great afterwards!



Affiliate member Slawek Wojik sends the following from his aviation adventures in Poland:

Married life has helped me understand so many aviation memes. Now I know how many PA28 hours (which are hard to come by in Poland; I miss Pipers) are equivalent to a new kitchen :) Since last year the eastern part of the Polish sky became pretty crowded with NATO traffic but I also switched jobs around that time, so couldn't fly too much anyway. It should be getting better now, and I even have plans to make a hop across the pond for the Chicago marathon in the Fall. I wish one day I could do it in the cockpit instead of the cabin though...

Some photos taken recently in the Greater Poland region (I bet you wish you had such hangars like they have at EPPI - neither water nor enemy troops can get in...) and some older from Warsaw.

I'm happy to see that the YA community stays strong and the fleet grows - please say hi from me to Charlie, Akihiro and the rest of the folks!



Affiliate member **Ty Kamp's** son Frederick gets a tour of Avelo and their B-737-800s, hosted by member **Michael Quiello**.



Fred has been studying his ground school nearly non-stop since Wednesday, April 5th's visit. Thanks to Mike for fanning the flames of aviation interest in the next generation!

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_6Xvx0EZJNLgqjr0

Subject: Yankee Terminal Radar Approach Control (Y90) Facility Identification

Cancellation: 04/11/2025 1500 (UTC)

On June 15, 2023 charting and publications will be updated to show BRADLEY Approach or BRADLEY Departure as the official facility identification of the Y90 TRACON. Please make a note of

this upcoming change. In the interim, Y90 TRACON will self-identify as BRADLEY Approach or BRADLEY Departure.

Pilots that use the current YANKEE facility identifier will be acknowledged by ATC and advised of the upcoming change.

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

FYI: *For aircraft that have an unexpired and otherwise valid registration on January 23rd, 2023, the registration is automatically extended such that the expiration date is 7 years from the month of issuance on the last day of such month (regardless of the expiration date that is shown on the Registration Certificate being carried on board the Aircraft).*

This means that our aircraft will have registration certificates that expire in 2029, regardless of the date on the certificate in the aircraft. Keep this in mind!

6297J club checkouts are commencing. 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 A-OK. 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 has 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.

32028 has a potential buyer, and looks like it will be moving to Long Island!



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.
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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** lfaldwin@aol.com or **Jake White** jake.white+ya@gmail.com.

Certificates & Ratings on [FAASafety.gov](https://www.faa.gov/airman/certificates)

Notice Number: NOTC2913

Selecting your certificates and ratings on the website helps the website give you the information you want. Many users of the FAA Safety Team website do not have their



certificates or ratings listed in their account. They also do not have their airman certificate information linked to their airman account. By not having your ratings listed, you may receive information that doesn't apply to you.

Please do one of the following below as soon as possible to help the website get you the information you want.

Linking your airman certificate information will automatically list all your certificates and ratings on the website and help you access your account if you need to reset your password. To link your airman certificate to your [FAASafety.gov](https://www.faa.gov/airman/certificates) account:

- Click the link below
- Login to your account, in the login portal
- Click the My Preferences and Profile link
- Click the Airman Registry tab.

If you do not have an airman certificate or do not wish to link your airman record information to your [FAASafety.gov](https://www.faa.gov/airman/certificates) account, you can still manually select certificates and ratings:

- Click the link below
- Login to your account, in the login portal
- Click the My Preferences and Profile link
- Click the Certificates & Ratings tab to select ratings for your account

Runway Incursions

This two-page SAFO (Safety Alert For Operators) informs the aviation community that several highly visible and notable recent events

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demonstrate the need for continued vigilance and attention to mitigation of safety risks. It also includes some interesting resources, such as the Runway Safety Program webpage.

[SAFO23002.pdf](#)

Excellent and informative video on summer weather with Scott Dennstaedt:

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

"NAFI - Sweat Showers Not Thunderstorms"

Topic: Learn Why Thunderstorms Are Dangerous But It Doesn't Take A Supercell Thunderstorm To Ruin Your Day!

On Wednesday, April 19, 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, April 20, 2023 00:00 GMT)

Select Number:

CE03121511

Description:

The training you received to stay far away from thunderstorms is the wrong approach! It will lead you down the primrose path to falling into a deadly trap in the future. Yes, thunderstorms are dangerous, but it doesn't take a supercell thunderstorm to ruin your day.

The goal is to minimize your exposure to deep, moist convection. In this webinar, we will look at the seldom explored dangers of the towering cumulus stage of the thunderstorm life cycle.

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

ASA Presents:

Join us for our first Author Talk on Wednesday, **April 25, at 5:00 pm (PDT)** as airline pilot and author Capt. Kristofer Pierson discusses new regulatory requirements for pilot professional development as well as resources from his book **"Pilots In Command: Your Best Trip, Every Trip"** that aid pilots in becoming higher-level professionals, leaders, and mentors.

Whether you are a student pilot, professional, or on track to becoming one, this presentation is for you. You can also earn credit towards the WINGS Pilot Proficiency Program.

Use this [link](#) to join at 5:00 pm (PDT) on April 25, 2023.

"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 (FAASafetyTeam) 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 –



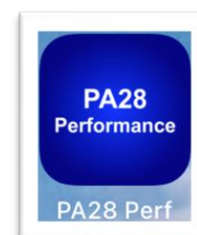
PACE youtube video series gives you everything you need to refresh your aviation knowledge:

https://www.youtube.com/watch?v=7X8I6QTAm9Q&list=PL-5QIDZIK74GrL0fb6V_FZSLX86V9A7j4

PA28 Performance:

Performance app for calculating pre-take-off and landings distance, cross winds, etc, for Piper PA28s. Available at the Apple store:

<https://apps.apple.com/app/id1541462246>



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, 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 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).**

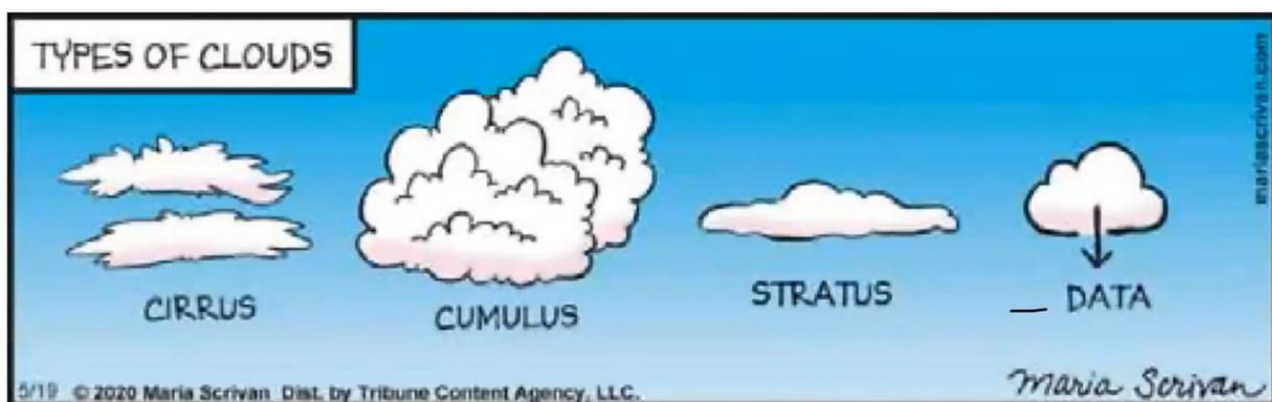


Loggable AATD Simulator Installed at 3Wing Aviation!



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** (lfaldwin@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