

YALE AVIATION NEWSLETTER

June 15 2018

UPCOMING EVENTS –

- The New England Air Museum will hold its **Father's Day Open Cockpit, Sunday, June 17**, from 10:00 a.m. to 4:00 p.m. For more information visit www.neam.org.
- **Thursday June 21st, 6pm OR Saturday, June 23rd 10^{am} – Get to Know your GTN650.** This 90 minute interactive presentation will take place at the Air Force ROTC Hangar on the 4th floor of 55 Whitney Ave, New Haven. President **Jake White** will guide us through a scenario using the GTN Trainer app. [GTN Trainer App can be downloaded from <https://itunes.apple.com/us/app/garmin-gtn-trainer/id479670018?mt=8&ign-mpt=uo%3D8>] Please bring an iPad with the trainer already loaded if you want to follow along, but this is NOT mandatory, as we will be projecting Jake's iPad onto the big screen. RSVP asap to Laura Baldwin (yaleaviationsecretary@gmail.com), or you can rsvp to your preferred date on FB. **The "winning date" will be announced on Saturday, June 16th via email.**
- **Let's get breakfast!** We are in the first stages of organizing a fly-out for breakfast sometime in August or September. Interested? Contact Hack Hackly (richard.hackley@uinet.com)

PILOTS...

Congratulations to **Charlie Skelton**, the AOPA Airport Support Network Volunteer of the Month (May) for his timely notification of and work with AOPA on the potential closing of runways 14/32 at Tweed. As AOPA's Eastern regional manager Sean Collins says:

....I wanted to take a moment to personally recognize and thank ASN Volunteer Charlie Skelton of the Tweed-New Haven (HVN) Airport in Connecticut. Like many of you, Charlie has served ASN for 20 years. As part of that service, he saved my bacon by letting AOPA know about legislation that, among other things, called for the 'permanent statutory closure' of the HVN crosswind runway. As a result of his action to alert AOPA to the issue, we jumped into action with both the legislature and the HVN Airport Authority, even calling upon Connecticut members to contact their legislators opposing House Bill 5537. Although the broader effort of returning the crosswind runway to active status continues, the legislature formally adjourned on Wednesday, May 9th with the potentially damaging legislation left tabled on the House Floor, effectively ending its chances of passing this year. Although a 'special legislative session' could always change the status quo, this qualifies as a win for ASN and the Connecticut General Aviation community as we continue to work together to positively influence other issues impacting the HVN airport! Thank you, Charlie, for your awareness and quick action to alert AOPA of the issue. You serve as a great example – as do so many of you – on the value and importance of ASN Volunteers to AOPA members!



Related article: [AOPA Working to save New Haven crosswind runway](#)



AND more congratulations to affiliate member, **John Ackerman**, on being designated a Master Pilot by the FAA. The Wright Brothers **Master Pilot Award** is the most prestigious award the FAA issues to pilots certified under Title 14 of the Code of Federal Regulations (14 CFR) part 61. This award is named after the Wright Brothers, the first US pilots, to recognize individuals who have exhibited professionalism, skill, and aviation expertise for at least 50 years while piloting aircraft as "Master Pilots".

Drinks & Drones at Mory's, May 17

Report by **Jake White**

A group including **John DeCarlo, Jake White, Clarice Begemann, Hack Hackley** and others met on Thursday May 17 for a really interesting talk with **Ken Gray** (ex-FBI AND ex-Yale Aviation - we did apply a little peer pressure on that front...), who presented from his research at University of New Haven on the threat of UAVs.

Did you know that:

- DJI drones have a ceiling of nearly 20,000 feet, and can travel at nearly 40 knots?
<https://www.dji.com/phantom-4/info>
- DJI drones have a no-fly zone database?
- Today's consumer drones have a lift capacity of just about 5 pounds?



It led to a thought-provoking threat profile -- new and hard to detect, but with limited impact due to payload.

And it does make for some interesting video, like (scare-mongering alert!): <https://www.youtube.com/watch?v=Jt37R638aV8> and <https://www.youtube.com/watch?v=Fl--wFfipvA>

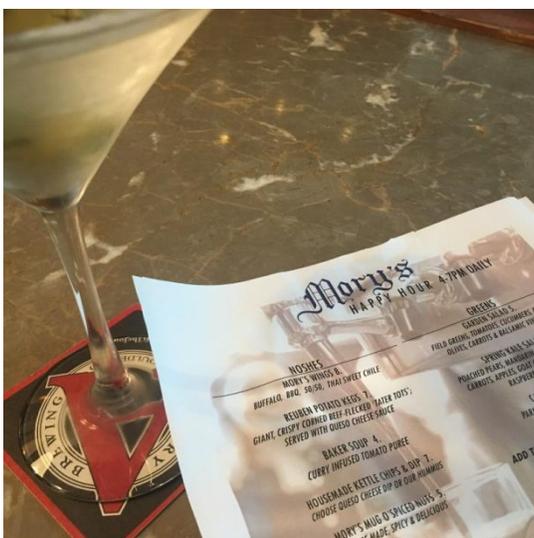


Oh, and who doesn't want to check out eagle-based countermeasures!

<https://www.youtube.com/watch?v=Hr-xBtVU4lg> and <https://www.youtube.com/watch?v=tKNN49idCUo>

And what could a drone strike mean for us as YA pilots? About as bad a day as meeting a Canada goose in flight (no pictures on that one!) -- 2-7 pounds of drone can definitely damage a Cherokee.

Yale Aviation Board VP **John DeCarlo** is putting together a mix of events like this -- some thought-provoking and conversational, others more GA-oriented educational, all of them social. If you



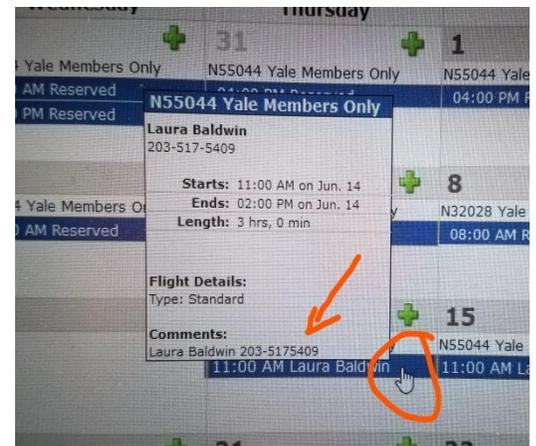
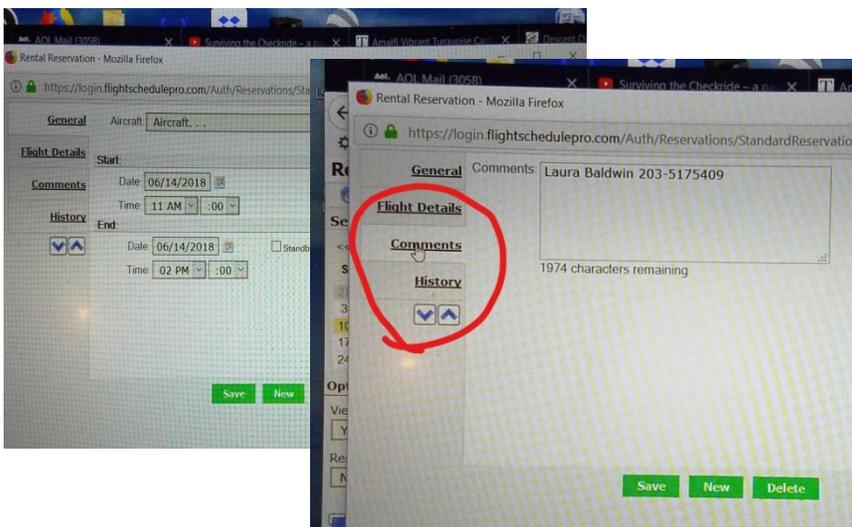
have suggestions for a program or would like to present, contact John. And do take the opportunity to join us!

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

It's flying weather! There are a couple of things you can do to help keep our airplanes flying and fellow members happy:

1. Consider including your name and cell number in the "Comments" tab of your reservation form (see photos below). The tabs are located down the left side of the form. The information from the Comments tab can be seen when you hover your cursor over the reservation.



2. Be sure to cancel, especially due to weather, as soon as you can. Some of our members can make use of the marginal weather you may not be comfortable with, but they won't know the airplane has become free unless you cancel!
3. Of course, letting Charlie know if you are running late on a reservation, or want to cancel after your start time, is always an option.
4. Last but not least, we are interested in developing a dynamic list of those who are interested & available to fly with a fellow member. Often this can be beneficial for both parties. Email Laura Baldwin (lfbaldwin@aol.com) with your interest and general availability.

ADS-B IN OUR AIRPLANES

N55044 received its ADS-B in January, and members are beginning to fly using this new equipment. **Those flying 55044 need to get additional training to become practiced in using the new GTN650, especially before IFR flight!**

For VFR flight: You will need some basic training, which can be given by a YA CFI during a 90-day, Flight Review or basic YA checkout. We trust that our



members will use good judgment to be sure they are adequately familiar with this new technology for simple VFR flying.

For IFR flight: We will be requiring a sign-off by one of our YA CFIs to ensure that all the ins & outs of flight planning, approach loading, and validity of use of the GPS as a navigational tool are practiced and understood.

In addition, Robinson has an external power source one can use to power up our GTN for practice **BUT YOU MUST CONTACT Charlie Skelton** to do this! We have manuals and reference guides on our website, and plan on formulating a syllabus for both VFR and IFR use of this equipment. The checklist for 55044 is also being updated to include checks that should be made as the GPS unit powers up.

Any comments or questions, please contact **Jake White, Laura Baldwin, or Akihiro Hashimoto.**



HOW WE TREAT OUR AIRPLANES! When you arrive at the airport, you should expect the aircraft to be in good condition. 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. The picture below is NOT acceptable tie-down!!!! 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!



If the aircraft is not up to this standard, please let chief pilot **Charlie Skelton** (203-640-3580) know so he can improve matters. **Be sure to leave our airplanes secure and clean** – just like YOU would like to find them!

We like to encourage our members to take the airplanes and make use of them, but PLEASE remember that if you find you need to have fuel for the planes or take them in or out of the hangars afterhours, this will result in a **CALLOUT FEE of \$150** that will be charged to Yale Aviation and passed on to you. The easiest way to avoid these fees – and work well with the kind line folks at Robinson – is **FOR YOU** to let the Robinson front desk know well ahead of time if you need fuel or wish to use the airplanes early or late. Please be as considerate as you can of their time and efforts.

In addition, there is a drop box to the right of the doors to the hangar nearest the FBO entrance from the ramp. This is where you can leave airplane keys if you return to the airport after Robinson has closed. PLEASE be considerate of your fellow aviators.

Any questions? Please give **Charlie Skelton** a call and he can go over both dropbox use and what constitutes a callout!



32028 is AOK.

55044 is also AOK, with a new pressure sensor that will allow our new Hobbs meter to function correctly. It has also had a new stall warning unit installed.

ALSO NOTE:

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, then having the cover off is preferred. When in doubt, ask Charlie!
2. Remember: **ONLY remove the cowling when you have at least two (2) people.** 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!

AVIATION EDUCATION & NEWS –

"Westchester Aviation Association Safety Standdown 2018"

Topic: Enhancing Safety In a Digital World
On Tuesday, June 19, 2018 at 18:15 Eastern Daylight Time

Location:

Doral Arrowood
975 Anderson Hill Road
Port Chester, NY 10573

Select Number:

EA1181692

Description:

At this 2018 Westchester Aviation Association Safety Stand Down we will discuss multiple topics for small general aviation operators including:

- Aeronautical Decision Making
- Smart Cockpit Technology
- GA Specific Survival Equipment & Skills (Including Ditching)
- Aeromedical Awareness for Pilots & Passengers
- Long Distance Cross-Country Flight Planning

This evening session is aimed at the Light General Aviation Operator and is free to the public. Click the link below for more details and to register for this exclusive event.

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

The sponsor for this seminar is: **Farmingdale FSDO FAA Safety Team**

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 2 - 1 Credit

Basic Knowledge 3 - 1 Credit

Basic Knowledge 1 - ½ Credit

[Click here to view the WINGS help page](#)

"Finding (Near Miss) Thermals"

Topic: How to Find Thermals for the Sailplane Pilot.

On Tuesday, June 19, 2018 at 20:00 Eastern Daylight Time (17:00 PDT, 18:00 MDT, 19:00 CDT, 14:00 HST, 16:00 AKDT, 17:00 Arizona, 00:00 GMT)

Select Number:

EA6183500

Description:

This webinar teaches concepts (including vario settings, basic beginner-level observations, and a simple search pattern) that will help you find about twice as many thermals - than if you never turn (for a thermal) till your vario beeps (i.e., reports a climbing glider). It's especially helpful in blue skies but is also helpful when you fly to a cumulus cloud but miss the good part of the thermal on your first pass.

To view further details and registration information for this webinar, [click here](#).
The sponsor for this seminar is: **FAA Team**
The following credit(s) are available for the WINGS/AMT Programs:
Basic Knowledge 3 - 1 Credit

"Hartford IMC Club Monthly Meeting at KMMK"

Topic: Mastering the Art of Instrument Navigation, with Instrument Training Scenarios and Group Discussion

On Tuesday, June 26, 2018 at 18:00 Eastern Daylight Time

Location:

Meriden Airport
213 Evansville Ave
Meeting Room, Airport Terminal
Meriden, CT 06450

Select Number:

EA6383615

Description:

You are invited to the beginning of the summer season meeting of the IMC Club, Hartford Chapter. IFR skills are critical this time of year. At this meeting a new instrument flying scenario will be presented and discussed. Through its nationwide chapters, the IMC Club, in association with the EAA, provides organized "hangar flying". Our training is focused on building proficiency in instrument flying with the

philosophy that safety and proficiency are developed through education and experience. Our monthly meetings use real world scenarios to engage members and allow them to share and build on their own experience. You do not have to be an instrument rated pilot to attend. Following the presentation, we will conclude with the question, "What would you do?". Refreshments will be served. **Click the link below and register today!**

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

The sponsor for this seminar is: **FAA Safety Team and the Bradley FSDO**

The FAA Safety Team (FAA Team) 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 3 - 1 Credit

[Click here to view the WINGS help page](#)

PODCASTS & APPS & GADGETS— Please send me your favorite app, tech toy, video or podcast suggestion to share!

Just a bit of fun: flying cars, anyone?? <https://www.youtube.com/watch?v=VRZNL7Px4>

TWEED NEWS -



TSA Badges – Need a new or renewed badge?? Remember that for the procedure you must have a completed application signed by our TSA signatory, **Laura Baldwin** (203-966-8499, lfbaldwin@aol.com). Once that is done, you call

KATHY GRANT (203-466-8833 ext 109) over at WEST ramp to make an appointment to take training, have your fingerprints taken, pay your fee of \$30 (cash or check made out to "HVN") and have your new badge issued. Renewals are \$15, which we all need to do every calendar year. Be sure to have your old badge plus two forms of government issued ID, and at least one NEEDS TO BE **PASSPORT, SOCIAL SECURITY CARD OR BIRTH CERTIFICATE**. **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-series 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-logged merchandise! One is at located at Customized Girl



(<http://www.customizedgirl.com/s/yaleaviationmerch>) and one at Zazzle (<http://www.zazzle.com/yaleaviationstore>).

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're taking 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 at Sporty's – 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 has been moved to a new, improved, and easily accessible location! It now lives in the “Hangar” of the Yale AFROTC suite. The address for the simulator is 55 Whitney Avenue, Suite 450, 4th floor.

We are in the process of obtaining a Cherokee 180 for the simulator, along with a GTN650, so that using this setup will be more realistic for our members.

For those with Yale Net IDs that would like to gain access to the building and the simulator, send an email to Michah@yale.edu with your name and Yale Net ID. He will work with the AFROTC team to give you access.



If you do *not* have a Yale Net ID, you will need to gain access to the sim through **Charlie Skelton** or another club member with access. YA has priority over use of the sim, so feel free to use it even if cadets are there when you arrive.



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