

# YALE AVIATION NEWSLETTER

January 2018

## UPCOMING EVENTS –

- **The New England Air Museum**, in Windsor Locks, Connecticut, will hold an **Open Cockpit Day** on **Jan. 13**, offering visitors a chance to climb aboard its historic aircraft, including a Lockheed F-104C Starfighter and a Bell UH-1B “Huey” helicopter.
- **Simulator Open House** – Jan 20, 9-11 am. Check out the new place at 55 Whitney Ave., 4<sup>th</sup> floor. Just drop by! Contact Jake White for more information: [jake.white@gmail.com](mailto:jake.white@gmail.com).
- **Cloud Crowd** – February 4, 2pm at the simulator room, located at 55 Whitney Ave, 4<sup>th</sup> floor. We’re going to try one of the scenarios using the simulator! For more details contact Mirai Hashimoto ([hashimoto0514@gmail.com](mailto:hashimoto0514@gmail.com)).
- **Mory’s Get-Together** – Feb 15. More details forthcoming....
- **Wash & Wax 55044** – 55044 was out of town for our last wash & wax, so we’ve decided to set **Saturday, Feb 24, 9am to noon** to get this plane clean! Come see the nice new equipment, if you haven’t already.... There will be food!
- **Board Meeting** – March 1, Robinson, 6 pm.
- **YA VMC Club** – **Jill Levine** has finished with her training for this EAA-sponsored club where VFR scenarios are discussed. More information coming soon.

## PILOTS...

### The Flying Gourmet Challenge!

Click the logo below to get the Flying Gourmet Challenge's Facebook Page.



**The Challenge has begun!**

The 2017 New England Flying Gourmet Challenge (NEFGC) has begun. This year it will run from October 1, 2017 to May 31, 2018. We have moved the start date up to October 1 so that you may participate in The Challenge when taking your leaf

peeping trips up north.

The rules are basically the same. Visit each of eight restaurants during the 8 months of the Challenge, get a sticker at each restaurant, and submit the completed card to us by June 5th to be entered into the finishers prize drawing and receive your NEFGC T-Shirt. Complete rules are available by clicking the image above.

This year there are some changes to the participating restaurants. Please click on each restaurant's name below to learn more on their hours, specials and contact information.

[The Flight Deck - EEN](#)

[Mid-Field Cafe - ASH](#)

[Nancy's Airfield Cafe - 6B6](#)

[Papp's Bar and Grill - BAF](#)

[121 Restaurant - OXC](#)

[Hangar B Eatery - CQX](#)

[Cafe 511 - GON](#)

[The Flying Monkey Grill and Bar - HFD](#)

Two special notes:

1. Papp's Bar and Grill has been sold to new owners and there will be a name change around the first of the year.
2. Hartford has agreed to waive their ramp fee for the required visit under The Challenge. To have your fee waived you must present your card, with The Flying Monkey sticker on it, at the Hartford Jet Center counter.

New for 2017 will be a prize drawing that non-finisher can participate in. Anyone submitting a card by June 5th will be entered into this drawing. All prizes will be for \$50 of AVGAS. You will receive one entry for each restaurant you visited. Complete the challenge and you have 8 entries in this drawing as well as being entered in the finishers drawing. Speaking of prizes the following are the current finishers prizes. More will be added as The Challenge goes on.

An exterior aircraft detailing by [New England Aircraft Detailing](#)

A Dynamic Prop Balancing by [Tally-Ho Aviation](#)

A 12 quart case of Phillips X/C 20w50 Oil by [Aptis Maintenance](#)

\$25 off an oil and filter change at [Monadnock Aviation](#)

It wouldn't be the Gourmet Challenge if we didn't have food. So again this year 5 lucky winners will receive a pair of tickets to Rock'n RibFest in Nashua, NH for Father's Day weekend.

Each winner will be allowed to choose which one of the prizes they want from the Finishers Prizes. The first card drawn will be able to choose from all prizes. The second and subsequent winners will be able to choose from the remaining prizes.

Current fuel prize sponsors are located at

[Chatham Airport - CQX](#)

[Plymouth Airport - PYM](#)

Also this year the restaurants are offering two specials to those who completed The Challenge last year. To receive these specials you **must** wear last year's finishers T-Shirt to the restaurant. The specials are:

1. A free small non-alcoholic beverage on any visit
2. One restaurant per month will give you 10% off on the cost of the meal of the shirt wearer. The following is the schedule for this offer:

October - The Flying Monkey Bar and Grill

November - The Flight Deck

December - Hangar B Eatery  
January - Nancy's Airfield Cafe  
February - Mid-Field Cafe  
March - 121 Restaurant  
April - Papp's Bar and Grill  
May - Cafe 511

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



**Winter Flying:** Winter is here! Frost, snow, ice and freezing rain. When you schedule the aircraft, more than likely it will need to be deiced (frost or freezing rain) and pre-heated.

**Pre-heating is a must when temperatures have been below 20 degrees at any time during the preceding 9-12 hours!** *One way to check if preheating is needed is by checking cylinder head temperature (CHT) during preflight.* It should be at LEAST 30°F. Remember that NO ONE should be inside the airplane when it is being preheated. Check out the CO monitor – it will go black!

**Light de-icing takes place outside:** 15 minutes with the tail of the airplane into the sun, followed by 5-10 minutes with the front of the wings into the sun should do the trick. Excessive melted water can be wiped off the wings, but it is best to just let water blow off once the aircraft is in the air. **NEVER scrape frost off the windshield**, or the wings for that matter – there is dirt in that frozen water, and it will cloud the Plexiglas & scrape the paint. If there is heavy frost, de-icing will require the hangar for a meltdown. **TO HANGAR THE AIRPLANES**, or for any pre-heating questions, contact our chief pilot, **Charlie Skelton** (203-640-3580). And be sure to tip those line guys a few dollars if they are preheating out in the cold for you for 20 minutes!

Winter flying is indeed something else. Our types of aircraft were not designed to traverse snow covered, iced-over ground so take caution: you are in a new environment (it is not a four wheel-drive!). Some very simple things: the Piper step is a small piece of cold metal, dark in color; it can be iced over even from previously stepping on it during preflight. The black walkway can be black ice. Stepping down from the wing onto ice can be dangerous. *Be sure not to be the next uncontrolled human flight!*

## ADS-B IN OUR AIRPLANES

55044 is having ADS-B installed during these first two weeks of January. This should allow us to get the \$500 FAA rebate. We plan to install an L-3 NGT 9000 in 32028 (although that may be delayed depending on the work done in Barnes regarding the corrosion program) and one of 55044's radios, since 55044 will have a Garmin GTN650 GPS unit installed, along with a GTX345 ADS-B solution.

Those flying 55044 will need to get additional training to become practiced in using the new Garmin. Below are some online resources so you can use to become familiar with the equipment:

GTN 650 Features Overview (Aircraft Spruce) -- [https://www.youtube.com/watch?v=VPke-jhp\\_8o](https://www.youtube.com/watch?v=VPke-jhp_8o)

GTN Intro Part 1 --

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

Part 2 -- <https://www.youtube.com/watch?v=cN-kK7fnaKg>

Part 3 --

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

Part 4 --

<https://www.youtube.com/watch?v=SUUcmNUIXX0>

Part 5 --

<https://www.youtube.com/watch?v=sH8Y09rILXQ>

Part 6 -- <https://www.youtube.com/watch?v=LulttBbUYmI>

Part 7 -- <https://www.youtube.com/watch?v=w3VgRMSJ3h0>



Sample of FlightTrainingApps [https://www.youtube.com/watch?v=Ew\\_-SHWCIUQ](https://www.youtube.com/watch?v=Ew_-SHWCIUQ)

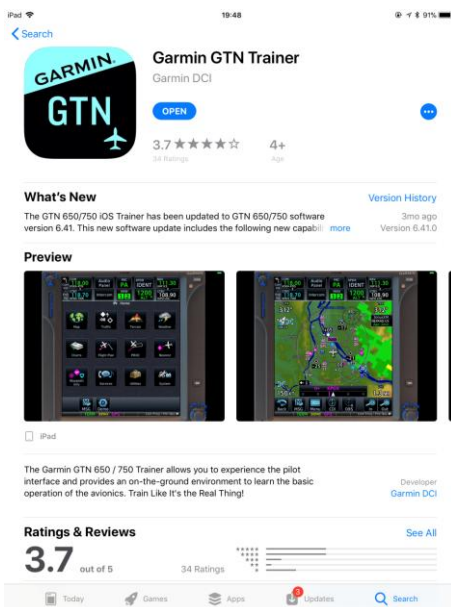
iPad Pilot News Overview of GTN iPad Trainer -- <https://ipadpilotnews.com/2017/10/garmin-gtn-avionics-trainer-gets-big-update-now-free/>

GTN Trainer App -- <https://itunes.apple.com/us/app/garmin-gtn-trainer/id479670018?mt=8&ign-mpt=uo%3D8>

In addition, Robinson has a unit one can use to practice on. Any comments or questions, please contact **Charlie Skelton**.

---

## Review of the Garmin DVDs for our new GPS unit, by Akihiro Hashimoto



As a club, we have recently decided to add a G650 to N55044. There were 2 demo DVDs that came with the GPS. The first DVD titled “GTN series familiarization” walked through the basics of using the G650. For instance, this video showed how to input COM/NAV frequencies as well as how to flip back and forth between them, how to input waypoints, and how to add and delete waypoints when the flight plan is active. I would highly recommend watching this DVD.

The second DVD however named, “GTN series PC Trainer” is worthless. This program consists of demo screens of various GPS units but does not include the G650 screen. It is a good way to get accustomed to using a GPS, however a better solution is to download “GTN trainer” from the Apple Store. This is a **FREE** – yes, a free application that will allow you to fool around on an actual G650 screen. This app proved to be the most beneficial for me to learn how to use the GTN.

I think it would be worthwhile to download the GTN Trainer App and watch the “GTN Series familiarization” DVD with it and follow along.

---

**HOW WE TREAT OUR AIRPLANES!** When you arrive at the airport, you should expect the aircraft to be in the following condition:

- **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 pictures at right are NOT acceptable tie-downs!!!! 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, **COVER ON!**
- Sunvisor is in position and correctly oriented, if no cover is in place.
- ALL instruments turned off – especially check the transponder! – **particularly important for doing the hot mag check at shut-down**, since an unexpected electrical surge could fry delicate avionics equipment left on!
- Fuel tanks topped off in winter or to the tabs in summer.
- Interior neat & tidy, no trash.
- For 044, the seat-back covers (those “caps” that slip over the top of the seat to prevent wear on the fabric) should be in place!



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. It will be going up to Barnes the last week of January (AreoDesign) where it will commence its corrosion program, have some of the cracks repaired, and inspection panels installed in compliance with the recent AD. It will then go to Stellar at KSNC for ADS-B installation, and to receive the old radio from 044.

**55044** is spending the 2<sup>nd</sup> to 3<sup>rd</sup> weeks of January at Stellar (KSNC) to have a Garmin GPS and ADS-B installed.

**ALSO NOTE:**

1. The reupholstered seat that had been placed on the left side has been returned to the right side. Some slippage had been reported when the recently upholstered seat was in the left position. Please be sure to check that the pins are secure before you start the aircraft – this is accomplished with the lever neither too far forward nor too far back!
2. We are working on mitigating a persistent leak through the door of 044. Please let Charlie Skelton know if you ever find dampness when you are doing pre-flight.
3. 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!

**"Alton Bay Ice Runway Operations 2018 - WEBINAR VERSION"**

Topic: Flight operations at the Alton Bay Ice Runway, located on Lake Winnepesaukee in New Hampshire.

On Saturday, January 20, 2018 at 10:00 Eastern Standard Time (07:00 PST, 08:00 MST, 09:00 CST, 05:00 HST, 06:00 AKST, 08:00 Arizona, 15:00 GMT)

**Select Number:**

EA6180374

**Description:**

Each winter, a unique airport in New England opens for just a short time. It is a great opportunity to try something new and challenging and experience some terrific winter flying. It also requires good Aeronautical Decision Making - Are you ready for both?

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

The sponsor for this seminar is: **The New England FAAS Team**

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

Basic Knowledge 3 - 1 Credit

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

---

**"Weather Risk Assessment"**

Topic: Gain Confidence in Weather Using Great Weather Detection Tools

On Friday, January 26, 2018 at 08:30 Pacific Standard Time (09:30 MST, 10:30 CST, 11:30

EST, 06:30 HST, 07:30 AKST, 09:30 Arizona, 16:30 GMT)

**Select Number:**

WP0180421

**Description:**

**In this 90 minute webinar (plus Q&A) Delia will demonstrate her method to clarify and add certainty to often conflicting weather information.**

- **The top resource for assessing potential turbulence or mountain wave.**
- **The most unreliable site that most pilots depend on (and what to use instead)**
- **How to determine if icing is a factor**
- **Recognizing LLWS even when it's not forecast.**

[Click here to register today](#)

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

The sponsor for this seminar is: **FAAS Team**

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

Basic Knowledge 3 - 1 Credit

Advanced Knowledge 1 - 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!

Pilot Workshops sends out weekly tips and tricks based on client questions. This one is on the dangers of taking off with a cold engine: <https://www.pilotworkshop.com/tips/engine-warm>

## 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](mailto: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](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-serie 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](mailto: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](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 -

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. 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](mailto: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, if desired, through Charlie Skelton or another club member with access.

