

YALE AVIATION NEWSLETTER

October 2012

UPCOMING EVENTS –

- **Wash & Wax** – Saturday, Nov 3, 9 am to noon at Robinson. Come help us keep the planes clean!!!
- **Annual Meeting** – Dec 4, 2012. This evening meeting, required by our By-Laws, will vote in the slate of Directors and Officers for next year. Have any suggestions? Want to help?? LET US KNOW (email yasecretary@aol.com) BY OCTOBER 31 if you wish to be on the Nominating Committee!
- **Yale Aviation Society** (our campus counterpart) is working to set up two online calendars to show when the simulator is being used and to help reach out to pilots who would like to take YAS members on flights with them (Buddy Flights). Watch for more information on this in future newsletters, along with information on flying with the Young Eagles and Eagles programs run through EAA (see article below)!



Stewart belongs to the Gentlemen's Aeronautic Society.

PILOTS...

It's that time of year again – Charlie needs to renew the Club's insurance, and for that he needs each pilot to send him the following [as of whenever you decide to send it]:

- Name, age, current certificates and ratings
- Total hours (dual, PIC, or student) flying all aircraft
- Total hours (dual, PIC, or student) flying PA28-180's
- Total hours (dual, PIC, or student) flying PA28-140's
- Dates of your last medical & flight review

Please email this info to Charlie (rbocas@comcast.net) as soon as is convenient! Due date is Nov 14. (Questions? Ask Charlie!)



Welcome to **Rafi Bildner**, a freshman in Yale College (originally from Montclair, New Jersey) who is a new member. He arrives at Yale after a gap year in which he started a small farm in Western Massachusetts, went to culinary school in Canada, and worked for the Obama presidential campaign in Chicago. Most of all, he is incredibly passionate about aviation: he has his private pilot's license and is very close to getting his instrument rating. He loves exploring new airports, is excited to become a member of the vibrant aviation community here at Yale, and plans on getting up in the air as often as possible!

Young Eagles/Eagles Flights

On a gorgeous October morning, **Charlie Skelton** took Christian Disdier for an introductory flight. By all accounts, everyone had a great time. Wouldn't you like to do this also?

Christian Disdier got his first flight, complete with introductory logbook, student EAA membership, and FREE online Sporty's training (worth \$215) through the EAA's Young Eagles Program, which has allowed 1.7 million young people ages 8 – 17 all over the world to participate in the joy of flying since 1992. (For more information, check out www.youngeagles.org/)

This program is so successful that we as a club would like to encourage our membership to take part. While some clubs do Young Eagles rallies (taking groups of kids on flights), we would like to start by doing one-on-one flights. Even adults (18 and up) can participate through the Eagles Program just begun this year by EAA to similarly help older folks along their path to becoming pilots. This might be a good way to get YAS members off the ground, for example. (You can find more information on Eagles Program at www.eaa.org/eagleflights/)

Anyone interested in participating should call Clarice (203-483-8737) for more information, as there are some requirements: for example, the pilot needs to be an EAA member (\$40/year), the young eagle parent needs to filling out forms, the pilot must be current, etc. Through the program, EAA also provides \$1 million of flight insurance.

In the photo below, Yale Aviation's first Young Eagle, Christian Disdier, gets his signed log-book from Charlie Skelton. (This plane just happened to be behind them ☺; the flight was in 028).



As you plan out your yearend donations, don't forget Yale Aviation! As a 501(c)3 organization, your contribution is tax deductible and helps promote aviation education!!

... & PLANES



N55044 has come out of its annual and is good to go. An intermittent problem with the Nav lights was traced to a bad switch, which has been replaced with a new toggle switch located with the circuit-breakers (see photo at left).

Photo at right is an inside view of the box that holds the gasulator bowl and electric fuel pump.



Photo below left shows the ELT unit, found behind the panel in the baggage compartment. Behind the ELT is the rest of the airframe out towards the tail. Control wires for the rudder and stabilator run down the right side of this (rather fuzzy) picture.

N32028 A-OK after its 100 hour, although it has had a problem with its VOR and radios that was fixed with the installation of new volume switches.

AVIATION EDUCATION & NEWS –

"Take A Look Under The Hood!"

Topic: Advanced Preflight
On [Tuesday, October 16, 2012 at 7:30 PM](#)

Location:

Three Wing Flying Services
400 Great Meadow Road
Stratford, CT 06615

Select Number:

EA6346070

Description:

How can you be certain that the aircraft you are about to fly meets all of the applicable airworthiness requirements? Simply completing a normal preflight inspection is likely not good enough! You don't know what you don't know, so don't miss this exclusive briefing on Advanced Preflight! A more thorough method of ensuring aircraft airworthiness and critical to flight safety. Learn from the experts at this new and informative safety briefing. Refreshments generously provided by Three Wing Flying Service.

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

VATSim (Virtual Air Traffic Simulation network): For those of you who can't get enough of flying, or who always wondered what it must be like in ATC, this online game may be your answer. It is free to sign up, and instruction is given for both pilots and traffic control. You can explore more than 20,000 airports all around the globe together with more than 250,000 members from nearly every country. All you need is a Flight Simulator, the wish to learn, and a bit of time to study. For someone who is interested in real world skills in online flight simulation and air traffic control, VATSIM and its members, many of whom bring real world experience and expertise to our community, offer an ideal environment. For pilots, you'll be able to fly with radar service by air traffic controllers who issue instruction and assistance in all phases of flight from getting your clearance to arriving at your destination airport. For air traffic control enthusiasts, the entire world is simulated meaning you can work ATC

virtually anywhere from a general aviation airport to the busiest airports in the world. Nearly all of the real world positions are available for you to choose and learn to work.

Thanks to Michael Quist for sending me this link! (www.vatsim.net)

TWEED NEWS -

On September 20 around 2:15 pm, a jet aborted take-off due to hitting a deer close to the intersections of runways 14-32 and 02-20. Seth Kyle has put together an edited mp3 file from LiveATC with the Tweed controller doing a heroic job of rerouting traffic and directing clean-up while the airport was closed for 30-40 minutes. Bravo Tweed! (And thanks to Seth for the audio file, which I can send you, if you are interested)

Be sure to check out the photo of the damage done to the airplane's wing and landing gear.



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**TSA Badges** – Have you renewed? Remember that to complete the procedure, you must have a completed application signed by our TSA signatory, **Jeff Welsh** (203-481-7676, calling between the hours of 10 am to 5 pm is best). Once that is done, you **MUST CALL KATHY GRANT** (203-466-8833 ext 109) to reserve a spot in the security refresher classes given over at West Ramp.

## WEBSITE

Check out the updated Yale Aviation website at [www.YaleAviation.org](http://www.YaleAviation.org). The team of **Tom Sobocinski**, **Ty Kamp**, and **Laura Baldwin** looks forward to your suggestions, as we continue to refine and update the information! The next addition will be a gallery section of names and pictures to help you remember fellow members – please send Laura ([lfbaldwin@aol.com](mailto:lfbaldwin@aol.com) ) a picture as we work to include this new feature on the site.

## SIMULATOR

Last month Yale Aviation got together with the Aviation Society at Yale to welcome Jay LeBoff as he demonstrated the simulator his company, HotSeat Chassis, Inc, donated a couple of years ago. About 15 people met in the Sim Room, located near Davis Auditorium in Becton Hall. Jay gave a demonstration and running commentary on the history of flight simulation and his part in creating a better flight experience.

Jay became a simulator seat inventor later in life, but has always felt a need to fix things that don't feel right. A race car driver since the early 1970's, Jay became frustrated when trying to use an Xbox racing game with his son. He decided what was needed was a better interface between the game and the player – in other words, the seat, the sound, and the controls should feel more like one was really driving. Naturally a similar need was present for

Microsoft's Flight Simulator X or, better yet, Lockheed Martin's more sophisticated *Prepar3D* flight software. The most advanced simulator HotSeat builds is a 6 display *Pilot Pro* mounted on a pitch and roll motion platform.

HotSeat has installed simulators in colleges, among them Columbia and Princeton, high schools, NASA, and military contractors. Their newest project, the ***Defensive Teen***, is designed to change the way we teach teens how to safely drive cars and is now under development at The Cooper Union in New York City. The ***Defensive Teen*** uses the same techniques used in aviation teaching procedure then practice in scenarios all wrapped in a video game format. The high fidelity program hopes to



sublimely teach proficiency in panic braking, panic lane change, skid recovery along with a basic physics lesson. A similar advantage is gained by student pilots, where he/she can become 70% proficient in procedures and scenario flight before ever getting in the aircraft. Experienced pilots use simulators to prepare for upcoming flights, become familiar with new aircraft, airports or to train for instrument flight.



Jay closed his remarks by speaking about the new ***Flex Sim***, a flight & driving simulator with ***Access for All***, designed for adults and juvenile wheelchair users. Jay hopes it will help veterans, for example, regain fine motor skills as well as to train for jobs in aviation such as Air Traffic Control. Glen Weston Murphy of the Yale Engineering Department helped test the ***Flex Sim***. Jay is looking for opportunities in the VA system or other medical or rehab applications. Any thoughts or suggestions along these lines, please contact Jay directly: [jleboff@gmail.com](mailto:jleboff@gmail.com), 914-262-1366 (cell).

As a result of his Flight Simulator demonstration at the end of September, Jay LeBoff has offered to upgrade the sim set-up with a new yoke, throttle quad, instrument pod with radios and auto pilot, and rudders. In addition he will be installing Prepar3D from Lockheed Martin to give a better flying experience plus the ability to save flight scenarios. All this should be up and running this week.

Anyone needing simulator access should e-mail Ty Kamp ([tahia.kamp@yale.edu](mailto:tahia.kamp@yale.edu)) the alpha-numeric code on the back of their Yale IDs. Those without Yale IDs need to enter with Charlie, who has a key to the Simulator Room in Engineering.

The Yale Aviation Newsletter will go 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: [YASecretary@aol.com](mailto:YASecretary@aol.com)

Laura Baldwin, Secretary