



EAA Chapter 166

Hartford, Connecticut

September 2022



NEXT MEETING

**September 24,
2022, 10:00am**

in Steve's Hangar

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PRESIDENT'S MESSAGE

by Steve Socolosky

Hello to all our EAA 166 Members and Friends!

What a great meeting last month! Thanks to all of you who attended! We had some new potential Members, some young families and plenty of aviation camaraderie!

At our August meeting, EAA 166 Member and Hartford Jet Center owner, Lindsey Rutka spoke about Aviation Innovation Day (which occurred on Sep. 6 and 7), where the Alpha Electro, all-electric airplane was unveiled and FLOWN! Our Ray Scholar, Will Coates, flew the airplane with instructor and Learn2Fly owner, Phil Smith! Will commented that it was different making power settings in KWHs instead of RPMs! Lindsey also connected with a group from Israel, called Air One, who had their all-electric, eight-rotor, two-seat personal vehicle prototype which they hope to have certified by 2024! There was much going on those two days and the number of people, including politicians, showed that there is much support for this technology and Brainard Airport!

Please check out all the happenings below! We have a lot going on in the next few months! A few events are listed here, but there's more with pictures!

-EAA 166 YOUNG EAGLES RALLY! SATURDAY, OCTOBER 1, 10:00 AM – 2:00 PM AT HANGAR 2! Volunteers are always welcome! Please mail Manu: md.ramesh@gmail.com

-Check out this link for Girls in Aviation Day on September 24th, when, as one of several events at Brainard Airport, we will showcase our RV-12 to promote aviation to young girls, thanks to Women in Aviation International CT Chapter President and EAA 166 Member, Mickey Perez!

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EAA Chapter 166



EAA 166



@EAA166

PRESIDENT'S MESSAGE

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- The Simsbury Fly-In is Sunday, September 25.
- EAA WORKSHOPS at the NEW ENGLAND AIR MUSEUM – SAT. and SUN., OCT 8 and 9.
[Sign up for either:](#) SHEET METAL BASICS or ELECTRICAL SYSTEMS AND AVIONICS
- EAA 166 Annual Awards Dinner – Saturday, November 12, 5:30 PM at the CT State Armory Officers Club in Hartford.

Finally, we have a very special guest speaker for our September 24th meeting, Rich Rozanski, a Designated Airworthiness Representative (DAR), who will speak about certifying Experimental/Amateur-Built (E/AB) aircraft.

NEXT MEETING: SAT., SEP 24, 10:00 AM at my hangar!

I hope to see you all soon!
BLUE SKIES!
Steve



EAA 166 Ray Scholar, Will Coates, has the Alpha Electro grin after flying the all-electric plane with flight instructor and Learn2Fly owner, Phil Smith.



AIR ONE, made by airev.aero in Israel, was at Brainard Airport on September 6 and 7!



Rick Montero, Pitts Special owner, Chris Meyer and EAA Student Members, Seth Varrato, Logan Vidal and Will Coates.



Young Eagles Coordinator, Manu Ramesh and "Flyboy" Dave Armando, Young Eagles helicopter pilot, with our 30 Years of Young Eagles Award



Future pilots with EAA 166 Member Chris O'Connor and his Aeronca Champ!



The EAA 166 crowd



EAA Workshops at the New England Air Museum – Saturday and Sunday, October 8 and 9. [Sign up for either](#): Sheet Metal Basics or Electrical Systems and Avionics



Lego Day at NEAM!
with FIRST® LEGO® League

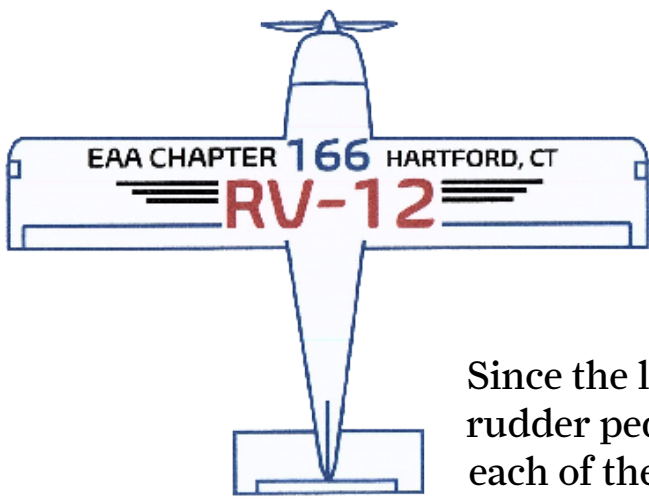
Saturday, September 24, 2022
10am - 3pm

Calling all Lego lovers! Join FIRST® LEGO® League on Saturday September 24th for all things Lego at the New England Air Museum!

- Build your own creations at Lego & Duplo build stations
- Drive Lego robots
- Meet local Lego groups, and learn more about FIRST® LEGO® League
- Color your own Lego picture to take home
- ...and more!

Great for all ages!
This event is included with the price of admission.

[MORE INFORMATION & TICKETS](#)



EAA I66 RV-12 BUILD UPDATE

Since the last report, the build team has installed the rudder pedals and connected the plastic brake lines to each of the master cylinders. Each rudder pedal has a toe brake connected to a master cylinder. Installation of the brake lines required insertion of a brass insert, hose ferrules, and nuts. The inserts were difficult to install because of the tightness of fit. The team had to soften the line in boiling water and then press the insert into the brake line. Once the procedure was established and proper tools were acquired, installation was much easier.

The next task in our RV-12 build is to install the fuel lines.

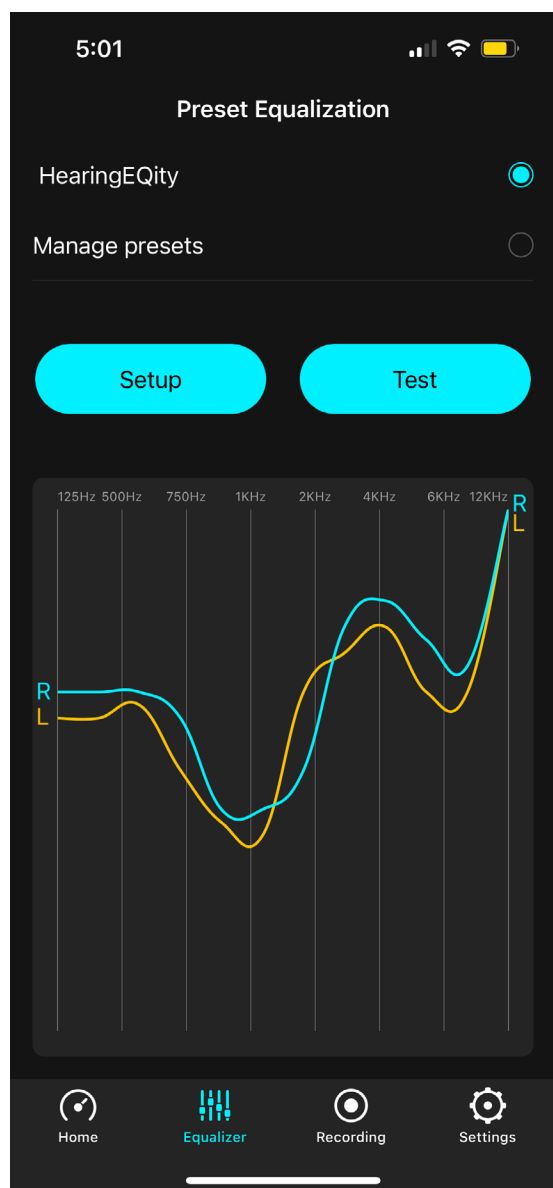
If you wish to help, please contact Rick Montero (rick.montero@sbcglobal.net) or Steve Socolosky (soco7a@aol.com).



Rudder Pedals, Master Cylinders and Brake Lines installed in Fuselage.
Photo Credit: Rick Montero.

Hearing Loss? Lightspeed's Delta Zulu Might Help

by Larry Anglisano



“Old pilots tend to be a deaf bunch,” as one AME so bluntly called it. He would know. The tough reality is sinking in that I too may someday join the ranks of the hearing impaired—wrong in expecting that growing old would take longer. A musician who’s been around airplane and motorcycle noise for a long time, I reach for the volume knob on the comm radios (and the TV remote) more than I used to. Sound familiar? Headset maker Lightspeed Aviation says it has a solution with its new Delta Zulu noise-canceling headset.

Priced at \$1099, it’s a high-end model that’s priced in the Bose A20 category. Lightspeed calls the Delta Zulu a “safety wearable,” because it has a built-in CO detector (good for 10 years) with in-ear audible alerting, plus a good interface with a smartphone app that keeps track of CO-level trend data. But the real draw is the headset’s built-in electronic EQ feature called HearingEQity, which starts with the headset running a 12-frequency hearing test for each ear. The results of this hearing profile—measured from 125 Hz to 12,000 Hz—are used by the Delta Zulu’s processor to automatically boost the audio levels in the appropriate frequency ranges. After my hearing test, the headset determined that I need help on the higher frequencies, and it set the unit’s audio boost accordingly (see the image of my results and the tweaks it made for each frequency). The hearing test can be run at any time, as many times as needed, which is useful for multiple wearers.

Lightspeed built the set with a new rechargeable lithium-ion battery pack that has roughly a 30-hour endurance, and it also comes with an interchangeable quick-release AA battery pack for 15-20 hours of endurance. In addition to the HearingEQity feature, the headset has a redesigned feed-forward noise-canceling circuitry that Lightspeed says works better than the current Zulu 3,

which will stay in the lineup. As you’d expect, it also has an A2DP Bluetooth for simultaneous cellphone, music streaming and tablet app audio. Fly with hearing aids?

The company said the headset should be compatible, but you won’t know until you try it. Of course, you may not need to use hearing aids if the Delta Zulu’s HearingEQity feature works the way it’s supposed to. Link to www.lightspeedaviation.com for more, and if you struggle with hearing in the cockpit and want to give the set a try as part of a long-term evaluation, reach out to me through the chapter.





PRIMARY TRAINING FOR KC-135 DRIVER

(Everyone has to start somewhere!)