



# Distance Learning Activities from Northeast Region

April 1, 2020



Thank you to those who have contributed so far: LtCol Karen Cooper, LtCol Shelley Rosenbaum-Lipman, Maj. Kent Hartig, Maj. Stephen Rocketto, Capt Josh Bell.

If you would like to contribute, please email the information and any links to [bcooper@ner.cap.gov](mailto:bcooper@ner.cap.gov) so we can add them to the page.

## National Headquarters [Civil Air Patrol/AE Offers](#)

- 1- New items will be added regularly to the new [AE Resources for Home Education page](#).
- 2- If you are suddenly finding yourself as a home-school educator or as a leader of youth who can only meet virtually, the NHQ/AE is producing and accepting from others video lessons of CAP AE lessons/activities [HERE](#).

## Ideas from the Field

Squadrons are having cadets prepare (PowerPoint) presentations about aerospace leaders, aircraft and spacecraft. The presentations are approved by the CC or AE and then presented virtually at the squadron meeting. The assignment could be related to the achievement the cadet is working on.

During this time you would have spent at squadron is a good time for Seniors to study for their Yeager Award test.

The Yeager test is a 100-question, open-book test, and is not timed. It is based upon *The Journey of Flight 3rd Edition*. You can download the textbook by going to

- [eServices/Aerospace Education/AE Downloads and Resources](#)
- *Journey of Flight* textbook

When you are ready to take the Yeager test, it is available by going to

- [eServices/Online Learning/Learning Management System/Axis Portal](#)
- Click on Course Catalog/Aerospace/Yeager Exam

When you pass the Yeager test, you will receive the *Brigadier General Charles E. "Chuck" Yeager Aerospace Education Achievement Award* and are authorized to wear the *Yeager Award* ribbon. Please advise your squadron AEO and CC so the certificate, ribbon and ceremony can be arranged.

## Other Resources

The AF Museum in Dayton, OH <https://www.nationalmuseum.af.mil/Visit/Virtual-Tour/>

- Have the members go searching for specific information.
- List two or three (or more) aircraft and have members determine what they have in common.
- Try the pod casts <https://www.nationalmuseum.af.mil/Visit/Tour-Podcasts/Lecture/>

Kansas Aviation Museum and Cessna Museum

<http://kansasaviationmuseum.org/educationalactivities/>

- There are educational materials at <http://kansasaviationmuseum.org/educationalactivities/>
- You might feel at home with the 406 rescue game.

Smithsonian <https://airandspace.si.edu/gsearch/Lesson%2BPlans>

- Lesson plans on space and aircraft. (List on left.)
- Click on the objects for interesting side stories.

## Air & Space

Join your hosts as they tell fascinating stories from one of the world's most visited museums, the *National Air and Space Museum*, which contains the largest and most significant collection of air- and spacecraft in the world.

- **Mythbusters fan?** Learn how Adam Savage, Smithsonian experts and makers across the country [\*\*reimagined an incredible piece of Apollo engineering.\*\*](#)
- **Have you ever wished on a shooting star?** [\*\*Learn why meteor showers occur,\*\*](#) when's the best time to watch and what you're actually looking at (spoiler: most meteors are A LOT smaller than you think.)

- **Don't miss a thing!** Join the AirSpace hosts for a [rewatch of the 1998 film Armageddon](#) to see how many inaccuracies they could find, including a few things that seemed ridiculous, but actually turned out to be true!

Airport Tycoon - Manage employees, restaurants, maintenance and more.

<https://sites.google.com/site/trendunblockedgames/airport-tycoon>

- What did you like about the career?
- What did you not like about the career?
- Is this a career you had ever considered? Why or why not?
- What did you learn about managing the airport? Why do you think the game included the categories it did?
- What did you learn about investing in the future?

Airport Madness 6 - Manage take-off, landing and taxiing aircraft

<https://poki.com/en/g/airport-madness-6>

- I would start with "Go easy on me." If you choose to "increase the pace" it will quickly increase the pace pretty quickly. I would not zoom in. The little green dots on the insert in the bottom right corner are incoming flights that are not yet on the screen.
- What did you learn about organization?
- What did you learn about situational awareness?
- What did you learn about the pace of the job?
- What did you like about the job?
- What did you dislike about the job?
- Is this a career you have ever considered? Why or Why not

Ginger Zee of ABC News and Good Morning America

- What makes a hurricane [https://www.facebook.com/gingerzeetv/videos/homeschool-help-3-how-does-a-hurricane-formtag-a-parent-that-may-want-to-use-thi/509730119725503/?so=permalink&rv=related\\_videos](https://www.facebook.com/gingerzeetv/videos/homeschool-help-3-how-does-a-hurricane-formtag-a-parent-that-may-want-to-use-thi/509730119725503/?so=permalink&rv=related_videos)
- What makes a tornado <https://www.facebook.com/gingerzeetv/videos/home-school-help-heres-a-tornado-tutorial-you-can-share-with-your-children-who-m/136290371153824/>

NASA E Clips <https://myemail.constantcontact.com/The-newest-NASA-eClips-Resources-picked-for-YOU-.html?soid=1102723065644&aid=EGz-1t4YosU> **Some events have passed and some of the lesson plans may take some digging.**

The following free courses found online. Expand your mind while you're cooped up inside!

- <https://www.coursera.org/learn/human-spaceflight>  
<https://www.edx.org/course/introduction-to-aerospace-structures-and-materials>
- <https://www.edx.org/course/cosmic-rays-dark-matter-and-the-mysteries-of-the-2>
- <https://www.coursera.org/learn/satellite-communications>
- <https://www.edx.org/school/smithsonianx> - This one has a Star Trek series.