

NJAEC Newsletter

Vol: 22-1

My Path to the Skies

Lora Lewis

Educational Resources

High School Aviation Courses: Preflight for

Aerospace Industry Careers

Erik Yates

AOPA You Can Fly!

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From the Executive Director's Desk...

Do you remember the first time you fell in love with aviation? One day you stumble upon a plane in a somewhat random place at a random time, and that moment changed the course of your life immediately.

The fact is someone introduced you to aviation. Someone planted the seed, showed you the ropes, and made you believe you could become a pilot. Had that person or program not existed, would you have discovered aviation on your own? A sobering thought, right?

That is why it is so important to expose young people to aviation. Unless someone in their family is a pilot, many kids will never think about aviation as a probable hobby or career for them. Even a young person who has been exposed to aviation might find the process, and the environment, to be too foreign to really identify with it in a way that makes them believe that they can really become a pilot.

Did you know that 763,000 new pilots will be needed in the world by 2039, based on Boeing's Pilot and Technician Outlook? Ironically, the number of pilot certificates issued by the Federal Aviation Administration has decreased by more than 60 percent since 1980. This mismatch of supply and demand presents a tremendous opportunity for students to pursue aviation careers that they may not previously have considered.

This is where we come in. The New Jersey Aviation Education Council (NJAEC) is a non-profit statewide organization that provides a network for students, educators, the aviation/aerospace industry, and the government to interact and share knowledge and resources, in order to promote the exciting opportunities available in the world of aviation and space.

OUR MISSION STATEMENT

To encourage and reinforce interest in aviation/aerospace subjects and careers, and to educate students about the value of the aviation and aerospace industries in the local, state, and national economies, as well as in the security and recreational environments.

Working with AOPA (Aircraft Owners & Pilots Assoc.), Civil Air Patrol, EAA, Pathways to Aviation, ALPA, FAA, among others... We provide aviation resources about all the possibilities in aviation/aerospace, including Scholarship Information, Universities, Flight Schools, Aviation Technician Schools, Airline Career Programs, Aviation Info Sites, Military Service, and Teacher Resources.

“If you can dream it, you can do it” – Walt Disney

To sustain dreams, we need more young people. We need fresh ideas. We need to expose people to aviation who might not otherwise discover it on their own.

Dreams can come true...

Join us!

Note: my thanks to Redbird and AOPA for sharing their thoughts with us.

NJAEC Executive Committee

Executive Director - Michael Castania Michael.Castania@njwg.cap.gov

Deputy Executive Director - Tim Cwik

Secretary - Janis Blackburn

Treasurer - Bob Watkins (Harry Aschoff temporarily filling in)

Education Committee Chair - Dr. Kevin S Doyle, Ed.D., kdoyle@mhrd.org

Webmaster - David Sarkisian, davids@thesarkisians.com

The New Jersey Aviation Education Council (NJAECE) is a non-profit statewide organization that provides a network for students, educators, the aviation/aerospace industry, and government to interact and share knowledge and resources, in order to promote the exciting opportunities available in the world of aviation and space.

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My Path to the Skies – Lora Lewis



I grew up in the Charlotte, NC area, and for as long as I can remember, always loved airplanes and dreamed of flying and being an astronaut. During high school, I got a part-time job after school and saved all the money so I could begin flying lessons during my senior year, and got my private pilot's license right after graduation. I added my glider rating at the US Air Force Academy, where I met my husband on the soaring flight line. For various reasons, I ended up making a decision to resign from the Air Force and support my husband's 24-year military service career, while raising and homeschooling our 7 children. Our family included adopted children with significant special needs, so my flying dreams were put on the back burner for several decades.

However, I never lost sight of flying, as I raised a pilot, my oldest son who graduated from USAFA and is an Air Force pilot today.

My years of homeschooling also included many years of volunteer work, in both flying and non-flying organizations. I volunteered with Civil Air Patrol's cadet programs for many years as a PT Officer (physical fitness training), and then once I got all my flying ratings, I became a Mission Transport Pilot, Instructor Pilot, Cadet Orientation Pilot, Glider Check Pilot, and Director of the Glider Program for the Florida Wing. I was on the Board of Directors for the Women's Soaring Pilots Association, and an active member of the 99's Association of Women Pilots, founded in 1929 by Amelia Earhart. I also started my own flight training business, which grew from 1 airplane in 2015 to 8 aircraft, a simulator, a full-time bookkeeper and office staff, two mechanics, and a dozen flight instructors today. (www.flydiamondtx.com) It was during my years as a flight school owner and flight instructor that I began to realize it was not too late to fulfill my dream of flying jets, as many of my former students were now airline pilots.

In 2019, I began work with Envoy Air (wholly-owned regional of American Airlines) flying the 76-passenger Embraer 175 as American Eagle, and my husband took over the daily running of our flight school so I could fully focus on my airline career. After accumulating about 3000 hours of total flying time and over 1200 hours of jet time, I applied for and received a job offer from United Airlines, and I'm now flying the B737, based in LAX. We still live in the DFW area and have our flight school here, and I am working to train and mentor the next generation of pilots. Sometimes people wonder if they are too old to have a career change, but I am proof that it is never too late, and to never give up on your dreams. The opportunities for young pilots today are tremendous!

NJAEC Website

Take a look at our new and improved [website](https://aviationec.org/) for more information about the New Jersey Aviation Education Council

<https://aviationec.org/>



[Home](#) [Get Started](#) [Activities](#) [Media](#) [Get Involved/Contact](#)

The New Jersey Aviation Education Council

ABOUT US

The New Jersey Aviation Education Council (NJAE) is a non-profit statewide organization that provides a network for students, educators, the aviation/aerospace industry, and government to interact and share knowledge and resources, in order to promote the exciting opportunities available in the world of aviation and space.



FEATURED EVENTS AND CONTENT

- [Egg Harbor Township STEM Expo](#)

March 26th 10am-3pm

QUICK START RESOURCES

Learn more about all the possibilities in aviation and aerospace, including universities and flight schools, airline training programs, and military service:

AOPA You Can Fly! Initiative



Join the growing list of high schools in New Jersey that offer an aviation program to its students. For more information please go to

<https://youcanfly.aopa.org/high-school>

Or contact:

Executive Director of NJAEC - Michael Castania

Dr. Kevin S Doyle kdoyle@mhrd.org

Captain David Sarkisian hyedave@gmail.com

1. AOPA is super proud to be featured in the following Education Week special report:
<https://www.edweek.org/teaching-learning/figure-it-out-how-to-teach-students-to-be-the-ultimate-stem-problem-solvers>

2. AOPA has put together a special media page for people interested in seeing the coverage the AOPA Foundation Curriculum has received.

<https://youcanfly.aopa.org/high-school/high-school-media-center>



High School Aviation Courses: Preflight for Aerospace Industry Careers

Erik Yates, Director of Curriculum Development, AOPA Foundation

I want to be a pilot! And I like fixing things. I want to be a pilot! And I think contracts and litigation are cool. I want to be a pilot! And I really like interior design. I want to be a pilot! And I inherited the family farm.

Having an office with an amazing view at 30,000 feet as an airline pilot may be a goal for some students, but there are many students who love aviation and love the idea of a different career. What does the aviation industry offer them, and how does participating in courses like those in the AOPA Foundation High School Aviation STEM Curriculum prepare them for jobs where the office isn't a flight deck?

When students take the first course in our curriculum, they learn about aviation from the mythology of Icarus to the reality of NASA's Artemis program and everything in between. Their tour through aviation history connects them to the wonder of flight humans have experienced every time they saw a bird soaring above and the freedom that gliding through the sky must be.

Orville and Wilbur Wright dreamed of flight and approached their dreams with a scientific, methodical approach to examining wing shapes. Students in our program do the same as they construct a wind tunnel like the one the Wrights used and test their own airfoils in it. Future pilots gain an appreciation for how angle of attack affects lift, and future computational fluid dynamics engineers are inspired by the testing and analysis the hands-on lesson introduces them to.

With all of the new homes that are under construction and renovation projects homeowners undertake, students might be thinking of a career as an electrician--until they enroll in an aviation class like ours where they construct and test electrical circuits in one of the many lessons about aircraft systems. Pilots use complex electronics for flight planning, aircraft monitoring, and navigation, but students whose career aspirations are sparked by this lesson may find themselves in a lucrative career as an avionics (aviation electronics) specialist.

Who doesn't love that "new car" (well, new airplane) smell? Pilots are attracted to great-looking airplanes, and they love the look and feel of modern aircraft interiors, but who designed the paint scheme that drew a crowd around the airplane? Who worked with a wealthy client to design the interior of an intercontinental business jet? Probably a student who loves being around airplanes but also has an artistic flair for painting or interior design. Being exposed to these careers in a high school aviation class opens so many new possibilities in the eyes of students.

And who does the pilot call when something doesn't seem quite right with the aircraft? The airframe and powerplant (A&P) mechanic of course! Maybe that student who thought about being a diesel mechanic learned in a high school aviation class that some aircraft can carry an entire tractor-trailer and thought, "Now that's a piece of machinery I'd love to work on!" Aircraft engines are fascinating to learn about and repair, and the many novel systems throughout all aircraft can pique the interest of mechanically-minded students. Do airplane mechanics have to be pilots? No, but knowing what the pilot knows and having some flight experience gives the mechanic a greater understanding of problems pilots describe and vastly improves the troubleshooting process.

Planning and preparation are major elements in the safe outcome of a flight. Students in the AOPA Foundation's courses learn all the details surrounding weight and balance calculations, fuel consumption, navigation, weather forecasting, and airport research so that when they become pilots, they will have a deep understanding of what Code of Federal Regulations 91.103 means when it states that a pilot must be familiar with "all available information concerning that flight." Some students are planners. They are organized and love compiling all the details and assessing all the information to make informed decisions. These students may love the flight planning process so much that they pursue careers as flight dispatchers. Whether for a fractional jet company, an aerial surveying company, a large corporate flight department, or an airline, these students who have learned the flight planning process in our lessons may find the dispatcher job a rewarding one while enjoying recreational flying as a hobby.

New Jersey is the Garden State, and there is room for students with a keen understanding of aviation in the agriculture industry as well. Students with a penchant for extreme flying might be excited about a future job as an aerial application pilot (okay, we know them as "crop dusters"), or some students might find themselves custodians of the family farm, and a knowledge of aviation could help them increase yields and plan crop rotations. How could that be? Well, in our courses, students will

learn about the crop dusters, but they will also be able to prepare for their FAA Remote Pilot (or “Part 107”) certificate so they can be commercial operators of drones. The use of drones in agriculture is growing by leaps and bounds, and our students will have the opportunity to see how advanced sensing and programming in drones could help them analyze their crops and precisely apply any products they need to ensure healthy vegetation. They will also understand when to bring in the Ag Tractors for large-scale aerial applications.

You know the cliché about how parents want their kids to be lawyers or doctors? Well, maybe after enrolling in a high school aviation class, a future legal or medical professional will turn from the world of living wills and trusts or everyday colds and sprains to the world of aviation. Whether it’s regulations, specifications, contracts, or labor relations, being an aviation attorney is a specialty that allows a student to enjoy the life of a legal eagle among aviators and airplanes. Pilots are required to undergo medical testing--anywhere from every six months to every five years, and they may only receive their medical certificates from FAA-designated doctors: Aviation Medical Examiners (AMEs). Medical experts are important in a wide range of aerospace roles from studying pilot and astronaut physiology to assessing pilot medical histories and evaluating whether a pilot is fit to fly. There are doctors who are also pilots, and they use their piloting skills to fly to remote locations where medical care is hard to find. Some students who like to fly and provide emergency care might find roles as flight nurses or medevac doctors.

We hope that every student has the opportunity to enjoy flight whether it’s in a general aviation aircraft, a hot air balloon, a military jet, a heavy-lift helicopter, a cargo plane, or an airliner, but we also want every student to know that there are hundreds, if not thousands, of ways they can enjoy exciting careers within the aviation industry. We encourage teachers to reach out to the aviation community so students can hear from guest speakers and develop mentorships.

Our capstone semester gives students the opportunity to explore an aspect of aviation that interests them so they learn even more about a particular segment of the aerospace world. Being a part of a high school aviation class exposes students to careers they may never have considered or even knew existed, and having the deep STEM-oriented knowledge base that the AOPA Foundation High School Aviation Curriculum provides, will allow students to excel in any aviation-related business because they have seen the big picture and understand flying from so many different perspectives. The view from

30,000 feet is certainly exceptional, but those pilots are there because of the thousands of businesses working hard to keep that flying office aloft and safe.



A Phone Call and a Trip...

Four years ago, Morris Hills Regional District Assistant Superintendent, Dr. Nisha Zoeller (my boss), received a phone call from a community member who happened to be a captain for a major airline. He was excited to share a new high school aviation program and curriculum, AOPA's You Can Fly! Initiative, with our district.

Dr. Zoeller was intrigued and she asked me to review the program's curriculum. I found that the program was well thought out and organized, and the curriculum designers had aligned their work with the standards used in New Jersey. When I reported this to her, she said, *"Great! Let's go to their conference in Dallas and find out more"*.

We arrived on a warm Sunday night in Dallas in November. As a resident of northwestern New Jersey, I looked forward to the warm weather. However, by the next day, the temperature had dropped dramatically and we started the conference on a cold Monday morning. Besides being unprepared for a "cold" Dallas (I hadn't packed any sweaters or jackets), we also discovered that the venue had been super-cooled over the weekend for previous events. Every time I spoke, I saw my cold, misty breath in the air before me. Despite the cold, though, the conference was great. Within 2-hours, we knew that this aviation program was a good fit for our district. My boss and I went to a meeting room and quickly wrote out a proposal (which we had to get to our Board of Education in less than 48 hours) to add the aviation program to our district. If we had any hope of getting the program up and running for the next school year, we had to act right away.

Success, the Morris Hills Regional District School Board loved our proposal and our presentation. We assured the Board members that we would not be launching any planes from our campus nor would our students be required to leave the ground as part of the program. Instead, students would learn about the history of aviation, what it takes to fly a plane and a drone, and the science and math of flight. Furthermore, they would develop their pilot skills using simulators, which we had not yet purchased. As an added bonus, she told me that I would be running the program. *"Great!" "Wait... What?"*

Although I am part of a district that prides itself on providing teachers and students with the best educational learning experiences to meet their needs and interests, I know a lot about education, but I don't know anything about flying a plane. Heck, I struggle with figuring out how to put my luggage in the overhead bins when boarding a flight. One Christmas, while building my young son's drone for Christmas, I ended up unintentionally using it as a weed wacker on the houseplants. I'm not sure if my wife has forgiven me for that one. I saw myself as the last person who should be running an aviation program for manned and unmanned aircraft. Yet here I am, only a few years later, confidently running the first two aviation programs in New Jersey at each of our high schools.

I ended up doing what I always do when faced with a task that seems beyond me - I asked for help from professionals. I sent out emails to everyone I could find in aviation. I sent emails to every local airport (you would be surprised how many there are), to every local flight school, to every major airline (I did not know that there were a lot of subsidiary airlines as well), to the Civil Air Patrol, to the local military recruiters, and to anyone else I could find on Google and I invited them to a community outreach night. Their response was amazing ¹.

There were a few things I learned that night. First, there are many people involved in the aviation infrastructure. Second, they all want to help promote aviation in the schools. Third, if someone says that they are a pilot, they almost definitely have a ton of highly entertaining stories to share. Get them to share them with your students. Finally, you do not need to know how to fly to run a successful program; you just need to capitalize on the passion of the students, teachers, and professionals around you.

At last, we had the support of the Board of Education and the support of the community, and we had students who were eager to be part of the program. All that was left was to find teachers on our staff, none of whom were pilots, to teach our students to fly.

¹ In hindsight, I realize that I forgot a lot of organizations as well, the NYPD, the NJ State Police, news organizations, flight controllers, simulation companies, etc.

When I promote this program across the state, the first thing I hear is, “But our teachers do not know how to fly.” Few people know that you do not need to be a pilot to teach aviation or piloting skills; you just have to be enthusiastic and willing to learn about aviation. I picked the most enthusiastic teacher at each school and introduced the program to them. They accepted right away. They led the way for the eight teachers who are teaching the program today. I could not be luckier or prouder.



Providing students with the opportunity to learn about aviation, to decide if they want to follow a career in aviation, and provide them with proven hands-on educational experiences is not a challenge; it is a calling. Our global infrastructure is going to need 612,000 pilots by 2040². Without the sustained effort of our teachers and students, we will not meet this number.

Our public schools have a duty to serve their students, community, and country. Public schools should be places where students explore their curiosities and develop their passions for free. Once they graduate from our schools, they should know where they want to invest their time, money, and effort. Without a strong aviation program in our schools, we cannot make this happen.

If you want to find out more, you can reach me at (973) 664-2242 or kdoyle@mhrd.org, take a trip to visit us and see our program, and decide if you will accept the call.

Stay Strong, Stay Healthy.

² <https://www.boeing.com/commercial/market/pilot-technician-outlook/>

Aviation Education Resources

FAA Grant

The U.S. Department of Transportation's Federal Aviation Administration is seeking applications for two [Aviation Workforce Development Grant](#) programs aimed at developing and inspiring a more diverse pool of pilots and aviation maintenance technicians to join the next generation of aviation professionals. This is the FAA's second funding opportunity for these programs. A total of \$10 million is available for the grants.

ASA **Aviation High School Student Notebook**

(<https://www.asa2fly.com/Aviation-High-School-Student-Notebook-Softcover-P4429C922.aspx>)

The interactive **Aviation High School Student Notebook** addresses a growing need for future-ready competencies in aviation and provides an exciting and engaging context to learn Science, Technology, Engineering, and Math (STEM). Students will be introduced to the innovative field of aviation, study the fundamentals of flight, and explore the various career opportunities available within the aviation industry.

Through the engaging activities in *Aviation High School*, students will develop skills to pursue a career in the aviation and aerospace industry or gain knowledge applicable to numerous other STEM fields.

Fourteen essential aviation topics are divided into chapters:

- Aviation Training
 - Aircraft Basics
 - Airport Operations
 - Aircraft Weight & Balance and Performance
 - Aviation Communications
 - People, Events, and Trends in Aviation
 - Careers in Aviation
 - Aerodynamics of Flight
 - Aircraft Systems
 - Flight Maneuvers
 - Airspace
 - Weather
 - Aeromedical Factors
 - Navigation and Flight Planning
-

ASA Aviation High School Facilitators Guide

(<https://www.asa2fly.com/Aviation-High-School-Facilitator-Guide-Softcover-P4424C922.aspx>).

The **Aviation High School Facilitator Guide** and corresponding interactive *Student Notebook* address a growing need for solid instruction, inquiry, and development of future-ready competencies and interest in aviation at the high school level. This guide delivers the resources for high school teachers to utilize science, technology, engineering, and math (STEM) instruction to provide an excellent introduction to aviation. The content promotes aviation as an innovative field and includes an exploration of aviation as an industry, the study of the fundamentals of flight, and an introduction to the diverse career opportunities available within the industry.

The *Facilitator Guide* and accompanying online Instructor Resources include plans for research-based teaching of technical information, standards-based activities, assessments, and resources all designed to engage students' different learning styles. Lessons are designed to be taught independently within any subject (science, technology, engineering, math, history, language arts) or used as a comprehensive aviation-themed curriculum for grades 9–12. The lesson plans incorporate engaging and interactive activities, including recommendations for using small unmanned aircraft systems (drones) and flight simulators to demonstrate and reinforce aeronautical knowledge and key flight concepts.



Go to eaa.org to find a chapter near you.

Young Eagles

<https://www.eaa.org/eaa/youth/free-ye-flights>

The Civil Air Patrol

The Civil Air Patrol provides additional resources to educators and their students. The Civil Air Patrol's Aerospace Education Member (AEM) program is a great way to augment your district's current K-12 curricular offerings in addition to possible participation in the aforementioned curriculum opportunities at no obligation other than a one-time AEM membership fee per teacher. CAP's Aerospace Education Member (AEM) program is designed for grades K-12 (formal and informal) educators, youth organizations, museums, and libraries that offers a number of unique opportunities, education materials, and STEM Kits. There is a one-time \$35 membership fee, with free annual renewal thereafter, as long as an educator wishes to continue using the CAP AE products and programs. This special category of CAP membership entitles educators to access our products and programs designed especially for teaching aerospace/STEM Education and integrating this fascinating subject into the curriculum.

- **Join:** <https://www.gocivilairpatrol.com/programs/aerospace-education/join-as-an-aem>
- **AE Programs:** <https://www.gocivilairpatrol.com/programs/aerospace-education/programs>
- **Program Offerings:** <https://www.gocivilairpatrol.com/programs/aerospace-education/for-educators>
- **Aerospace/STEM Resources For Remote Education**
<https://www.gocivilairpatrol.com/programs/aerospace-education/for-educators/aehome>
- **STEM Kits:**
<https://www.gocivilairpatrol.com/programs/aerospace-education/programs/stem-kits/available-stem-kits>

Civil Air Patrol's Cadet program links CAP Cadet Membership includes 5 rides (Orientation Flights) in our Cessna 172 aircraft where students will be allowed to manipulate flight controls at a safe altitude, participate in CAP's National Flight Academies (10 - 12 hrs of actual flight training), and be eligible for CAP flight training scholarships with no strings attached to the military. Think of CAP's Cadet Programs as Scouting on Steroids! BTW, there are 23 CAP Squadrons located around the state.

- **Cadet Activities:** <https://www.gocivilairpatrol.com/programs/cadets/activities>
- **Cadet Flight Opportunities:**
<https://www.gocivilairpatrol.com/programs/cadets/activities/cadet-flyi>

The Aviation Hall of Fame & Museum of New Jersey



Upcoming Events

Open Cockpit Days

May 21, 2022

June 18, 2022

Sep 10, 2022

Oct 8, 2022

November 18, 2022

Redbird Announces Flight Simulation Supplement to AOPA High School STEM Curriculum

Redbird Flight Simulations | Feb 25, 2022

At the 2022 Redbird Migration flight training conference, Redbird Flight (Redbird) announced the release of a new flight simulation supplement for the Aircraft Owners and Pilots Association's (AOPA) High School STEM Curriculum. The simulator supplement integrates seamlessly with AOPA's curriculum, building upon its preexisting hands-on exercises with engaging flight simulator lessons that allow students to broaden the exploration and application of their knowledge and skills.

Released to more than 70 schools during the 2018-2019 school year, AOPA's comprehensive science, technology, engineering, and math (STEM) curriculum currently provides pathways to aviation careers for approximately 10,000 students in over 322 schools nationwide. With the new simulator supplement from Redbird, these schools will have access to nearly 70 additional lessons, expanding their capabilities to immerse students in educational aviation coursework.

"With its high school STEM curriculum, the AOPA Foundation's You Can Fly program has opened doors to aviation careers for thousands of students from diverse backgrounds," said Redbird CEO Todd Willinger. "The new simulator supplement gives educational institutions and their teachers another tool to keep these students engaged, motivated, and on track to pursue myriad opportunities in an industry with an increased demand for highly-skilled workers."

Like the AOPA High School STEM Curriculum, Redbird's simulator supplement is available at no cost to participating high schools. Educators using AOPA's curriculum can access all ninth-grade simulator supplement lessons now. Redbird plans to release the 10th, 11th, and 12th -grade lessons at the AOPA Foundation High School Aviation STEM Symposium, which takes place on November 13-15, 2022, in Memphis, Tennessee.

As Redbird finalizes the content for the remaining lessons, the company invites educators to share their feedback and insights from utilizing the ninth-grade simulator supplement in their classrooms.

For more information, please visit

<https://simulators.redbirdflight.com/aopa-high-school-simulation-supplement>.

Pathways to Aviation

<https://pathwaystoaviation.org/>



- **Career Workshops** – Once a quarter, we host workshops at airports and aviation businesses, where industry leaders describe their career journeys, go into detail about specific aviation careers (e.g. pilots, technicians, designers, manufacturers, sales, operations, flight control, schedulers, and more. Each month, we host conversations, where students and job seekers visit with mentors to discuss career planning, obstacles they’re facing, tips for landing job interviews, and advice to landing great jobs. Link - <https://pathwaystoaviation.org/job-seekers/attend-a-workshop/>
- **Career Planning Workbook** – We just published an in-depth resource guide for students to learn more about career opportunities. It contains a list of schools offering aeronautical curriculum, a list of organizations offering scholarships, an aviation and aerospace salary table, and several career readiness best practices. The document is in an electronic format, which can be downloaded to use as a workbook, and is free of charge. Link - <https://pathwaystoaviation.org/job-seekers/career-planning-workbook/>
- **Career Readiness Certification** – A unique multi-step online process, immersing students and job seekers in a series of activities to learn about their interests and skills, articulate them in a written format (resume and LinkedIn), and present compelling verbal descriptions (elevator pitch, networking, interviewing). Upon completion of the process, the Certified Candidate is promoted to employers seeking exceptional new hires. Link - <https://pathwaystoaviation.org/job-seekers/become-career-ready/>

Additional Links

- Aviation Technician Education Council (ATEC) <https://www.atec-amt.org/>
-

UPCOMING EVENTS

Are you ready for GIAD 2022?

SPONSORED & HOSTED BY:
Signature
FLIGHT SUPPORT

FACILITATED & ADMINISTERED BY:
aviation
INFLUENCE®

In-Person at Signature Flight Support
Atlantic International Airport (ACY)

Girls
IN AVIATION DAY
A Women in Aviation International® Event

Saturday, September 10, 2022
Online Registration Required & Opening July 2022
AviationInfluence.org

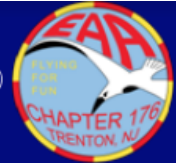
At Atlantic City Airport. For more information:

AviationInfluence.org

Young Eagles



FREE AIRPLANE RIDES FOR KIDS AGES 8-17



Young Eagles Day
at
Trenton Robbinsville
Airport



Saturday June 11th ★ 9 AM – 3 PM

- Personalized flight certificate provided to each child.
- Experienced, friendly FAA-certified pilot volunteers.
- Parent or guardian **must** sign registration form
- “Young Eagle” flights are sponsored **FREE** by the local chapter(176) of EAA, an international pilots’ organization, to introduce young people to the joy and wonders of flight.
- **To participate, you must register in advance at yeday.org**

Trenton-Robbinsville Airport
106 Sharon Road
Robbinsville, NJ 08691

For questions or more information

Contact George:
gnupe98@gmail.com

609-220-4353

Additional Young Eagle Events

May 14, 2022: Young Eagle Flight Rally, Ocean County Airport, KMJX 9 AM to 1 PM

June 11, 2022: Young Eagle Flight Rally, Ocean County Airport, KMJX 9 AM to 1 PM

June 25, 2022: Young Eagle Flight Rally, at Eagles' Nest Airport's Open House, 31E, 9 AM to 3 PM.

A parent can register their child for these events at youngeaglesday.org

For more information on Eagles Nest Airport's Community Open House, go to their website at eaglesnestairport.com

IAC 52 is sponsoring the Kathy Jaffe Aerobatic Contest on August 11 to 14, 2022 at Ocean County Airport. For more information go to iac52.org

EAA's International Convention called Air Venture is July 24 to 30 in Oshkosh, WI. For more information go to eaa.org

Aviation Scholarships

There are many organizations across the country that offer aviation-related scholarships. Browse our list of resources to learn more.

- [AAERO Scholarship](#)
- [AeroClub of New England's Scholarship Program](#)
- [Airline Dispatchers Federation Scholarships \(ADF\)](#)
- [Air Traffic Control Association \(ATCA\) Scholarship Program](#)
- [Aircraft Electronics Association \(AEA\)](#)
- [Aircraft Owners and Pilots Association \(AOPA\)](#)
- [Amelia Earhart Memorial Scholarships & Awards](#)
- [Astronaut Scholarship Foundation](#)
- [AvScholars.com](#)
- [Boeing Scholarships](#)
- [Epic Flight Academy Aviation Scholarship](#)
- [Experimental Aircraft Association \(EAA\) Scholarships](#)
- [LeRoy W. Homer Jr. Scholarship](#)
- [Michigan Takes Flight Training Scholarship Program](#)
- [National Coalition for Aviation Education \(NCAE\)](#)
- [United States FAA 2019 Commercial Pilot \(H\) Scholarship](#)
- [University Aviation Association \(UAA\)](#)
- [Women in Aviation International \(WAI\)](#)

Letter From The Editor

Thank you for taking the time to read through this newsletter. It is our intention to share with you our passion for aviation education and how important it is to prepare the next generation to take over our global aviation infrastructure. Feel free to share this with everyone you know.

We are looking to put out two newsletters each year, one in the fall and one in the spring. If you would like to contribute an article, a success story, photos, videos, links, etc., please feel free to contact me at kdoyle@mhrd.org

For the next edition, we would like to add student successes as they start to earn their flight credentials. Please send us a short blurb with an individual picture for each student who has done the following:

- Earned their Part 107 UAS
- Passed their FAA Written Pilots Test
- Earned their Private Pilots License
- Earned any other FAA Pilot Credential

Finally, if you would like to be added to our subscription list, please send an email to kdoyle@mhrd.org

Sincerely,
Kevin S Doyle, Ed.D.