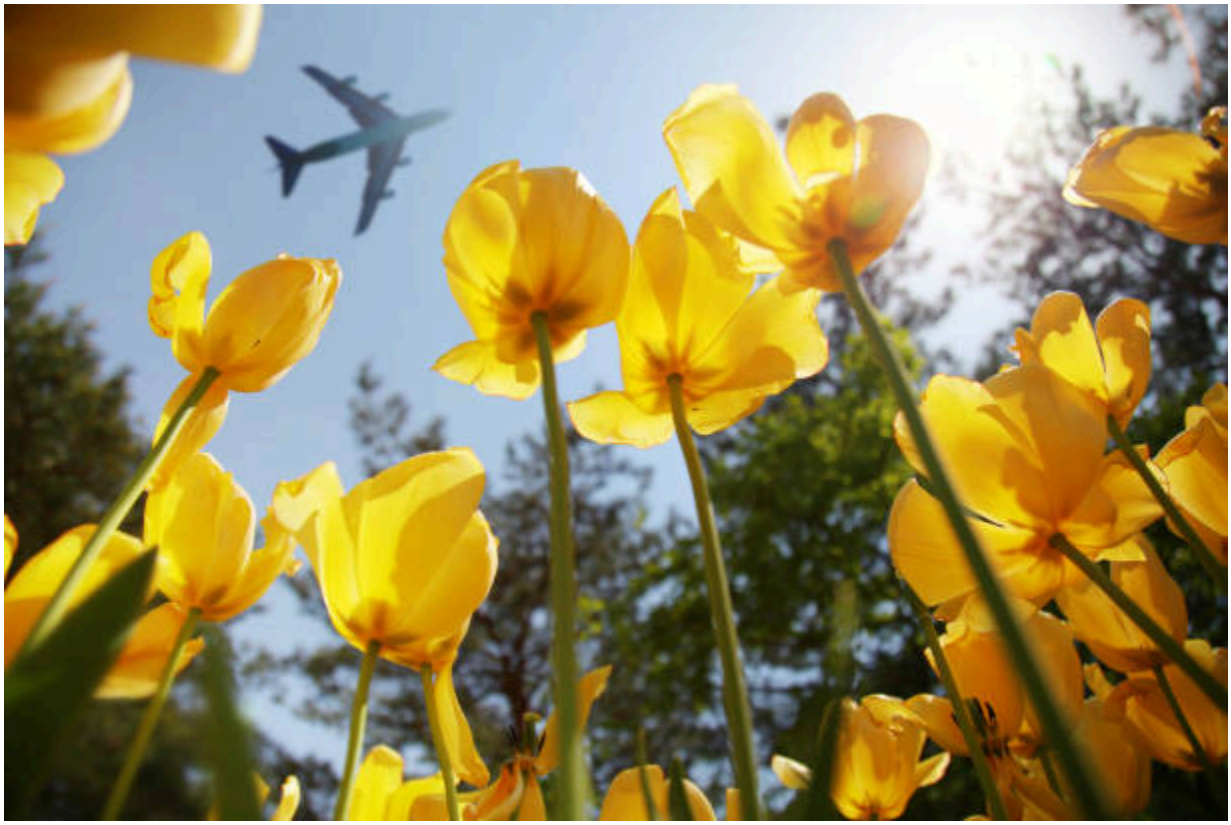
Aviation Education Council

Spring 2025 Newsletter

The Beauty of Flight



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Aviation Education Council

From the Desk of Michael Castania, NJAEC Executive Director...

Space, the Final Frontier???

The first moon landing, achieved by the Apollo 11 mission in 1969, was significant because it marked a monumental achievement in human space exploration, demonstrating the capability to send humans to another celestial body and return them safely, while also serving as a major symbolic victory in the Cold War against the Soviet Union by fulfilling a national goal set by President John F. Kennedy to land a man on the moon before the end of the decade; it also propelled advancements in technology and inspired a new wave of scientific curiosity about the solar system.

A young girl holding a copy of The Washington Post with headlines about the first Moon landing captures a defining moment in history. The achievement marked a monumental step in human exploration and technological innovation, as astronauts successfully landed on the lunar surface. This event symbolized the culmination of years of scientific effort, determination, and international competition during the height of the space race. For many, it was not only a testament to human ingenuity but also a shared moment of global wonder and unity.

The image of a child holding the newspaper highlights the impact of the Moon landing on the younger generation. It sparked dreams of possibility and a fascination with space exploration that inspired countless young minds to pursue careers in science, technology, engineering, and mathematics. Newspapers played a vital role in documenting this historic milestone, bringing the awe of the lunar achievement into homes worldwide. For children and adults alike, the headlines served as a tangible reminder of humanity's ability to achieve the extraordinary.

This historic event ushered in a new era of exploration and discovery, shaping the course of space exploration for decades to come. The girl holding the newspaper is a symbolic representation of hope and curiosity, embodying the inspiration that this achievement brought to people of all ages. It remains a pivotal moment in human history, celebrated for its profound influence on science, culture, and our understanding of what humanity can accomplish when united in purpose.

The act of putting three people on the moon—and then safely bringing them back home—proved that successful human exploration in space is possible.

NJ Aviation Education Council
aviationec.com

Michael Castania
Executive Director
NJ Aviation Education Council

Roxbury Aviation

Dr. Michael Gottfried

The world of STEM, and specifically aviation, is more accessible than you think. All it takes is a little exposure, and students will realize the number of opportunities available. One of the key goals of Roxbury's aviation program is to address the shortage of aviation personnel by preparing students for careers in this exciting industry. This starts by actively preparing students for their Part 107 drone pilot and Private Pilot written exams. However, this continues by exposing them to the plethora of aviation careers available. Students often don't realize how they can connect almost any career or area of interest to STEM, especially aviation. In addition, it's vital to strengthen advocacy for underrepresented groups through outreach events and by providing opportunities for them to engage more fully in aviation.

Starting in 2025-2026, Roxbury will host an Aviation Academy with Morris County Vocational School of Technology to increase aviation exposure to students across Morris County. The goal is to provide motivated students with access to aviation in districts that lack an aviation program. The program is taught by Mike Gottfried (Private Pilot, AGI, Part 107, AUVSI TOP Level 1 certified) and Chris Blough (Part 107 certified). In addition, students earn dual enrollment credits through Warren County Community College by earning their Part 107 license. Students will progress through Roxbury's four courses, which prepare them for aviation careers by flying on flight simulators and using indoor and outdoor drones. By the end of year 3 in Roxbury's program, students are eligible to sit for the FAA written exams for Private Pilot and Part 107. In total, over 130 students have gone through the program. 18 students have taken an introductory flight, 13 have started flight training, 7 have flown solo, 4 have earned their private pilot license, and 4 have earned their Part 107 drone license.

Roxbury discovered that everyone in the aviation field is passionate about what they do and willing to inspire others to pursue an aviation career through collaboration. By working together, exploring resources, and supporting one another, programs can

easily close the gap between the industry's need for personnel and student interest in aviation. Roxbury will continue to foster partnerships and show other programs how to achieve similar levels of success. Preparing students for careers in aviation has been achieved through field trips, hearing from aviation professionals, and providing students with firsthand experience in the field of aviation. It's one thing to learn about the need for Air Traffic Controllers. It's another thing to hear it firsthand from the Director of Newark's Tower in class, and then visit the tower a few days later. Experiences like this make seemingly inaccessible opportunities very tangible. Students have changed their career paths based on their exposure to industry professionals who have visited the classroom, including representatives from FedEx, the New Jersey State Police Helicopter, JetBlue, United, the FAA Career Technical Center, and many more.

Roxbury plans to expand this network in the coming years and support other schools and programs in doing the same. Mike Gottfried and Matt Mawn co-founded the K-12 NJ Aviation Roundtable, which brings together 20 New Jersey districts to discuss best practices and experiences, as well as collaborate to explore new avenues for students. In addition, Roxbury supported the first annual Aviation Career Night, hosted by Morris Hills and Morris Knolls, which was open to all New Jersey schools. In April of 2024, Roxbury hosted the first annual drone obstacle course competition with Hoboken High School, where students collaborated and competed in various events. This included time trials through obstacles, and blindfolding the pilot, who had to rely on a partner and communication to navigate the course. Finally, Roxbury created a STEM outreach program at all four elementary schools in the district, where high school students teach younger peers how to fly drones and promote aviation. These programs have had a significant impact on aviation in our community, instilling a love of aviation in these kids and hopefully making the field a little more accessible to them.
If your school is interested in joining the Aviation Roundtable, email aviation@roxbury.org

Roxbury HS Peer Outreach w/ 4th graders

Flight simulator at RHS

Field trip to CAE to fly on the full motion simulators

Field trip to Morristown Airport

From the Desk of Michael Castania, NJAEC Executive Director...

Educators and aviation professionals from throughout the State of New Jersey attended the New Jersey Aviation Education Council's (NJAEC) Aviation Symposium on February 28 to learn about the numerous aviation degree programs that are available at Atlantic Cape Community College for high school students interested in a higher education that can prepare them for a successful career in the burgeoning aviation industry.

From Cherry Hill to the west and Millville to the south, Hoboken and Passaic to the north, and Brigantine and Egg Harbor Township to the east, the symposium drew broad appeal from across the state. Atlantic Cape began its Aviation program in 2012 and debuted the State's first UAS/drone degree program in 2014.

"The aviation economy is right here in Atlantic and Cape May counties. Atlantic Cape has been supporting this industry since 2012, and we remain steadfast in supporting this important regional industry," said Atlantic Cape President Dr. Barbara Gaba. "Our aviation programs at the college are especially designed to give our students hands-on, real-time training and technical knowledge to pursue a variety of fields, such as airport management, Aviation Business Administration, air traffic control, air transportation management, as well as preparing students for commercial pilot and private pilot licenses for airplanes and helicopters."

Gaba touted the College's Small Unmanned Aircraft Systems (UAS) drone program, which, in 2014, put Atlantic Cape at the forefront of an industry with unlimited possibilities for steady, high-paying careers, including government, law enforcement, real estate, weddings, environmental protection, and more.

"Our UAS drone pilot and technician degree and certificate programs were the first in the State in 2014, and our students have been able to earn their credentials upon completion," said Gaba. "Just over two years ago, thanks to a private funder, we were able to begin teaching a course to high school students and high school educators for them to earn their UAS credential. This has allowed us to build capacity and excitement for this ever-emerging field, which builds a pipeline for our students."

A shining example of the new and younger generation fulfilling their lofty dreams and expectations in the aviation industry was the symposium's keynote speaker, Priya Abiram. Abiram, a native of Edison, New Jersey, who is currently completing her undergraduate degree in Aerospace Engineering at Cornell University and preparing to begin her graduate program in the fall, is also a Citizen Science Astronaut Trainee at the International Institute of Astronautical Sciences.

Abiram reminisced about the day she discovered her love for aviation and astronomy during a visit to the National Aeronautics and Space Administration's (NASA) Kennedy Space Center.

"It was my first visit to the Kennedy Space Center's visitor center when I was seven years old. I remember walking in, looking around, and seeing these huge machines that touched the sky," said Abiram. "I remember asking the tour guide What are these things? He said these are rockets; they are the hardest thing that man has ever built, and even harder to fly. After I met an astronaut later that day, I asked my dad if he could do it, Why can't I?"

Through eighth grade and high school, despite her insecurities and self-doubt, Abiram enrolled in courses, signed up for competitions, clubs, and teams, and ultimately surprised herself with her successful accomplishments. Proving, in her own words, that we have the ability to create opportunity where opportunity currently doesn't exist.

"The sky is no longer the limit, but just the beginning," said Abiram.

Following the keynote presentation, seven workshops were held over the course of three sessions, ensuring that all in attendance had the chance to visit as many as possible. The workshops included:

Aviation programs-in-action roundtable

- Aviation resources for students offered by the Experimental Aircraft Association (EAA) and NJAEC
- Aircraft Owners and Pilots Association (AOPA) high school aviation curriculum
- Aeronautics STEM
- Civil Air Patrol and Aerospace Education Member Program
- Implementing a Drone Course with Industry Certifications
- Aviation careers speaker panel

To ensure the cultivation of subsequent generations of skilled and knowledgeable students who may be interested in pursuing the myriad fields associated with aviation, space exploration, and engineering, Abiram is a staunch advocate for increased funding at the K-12 level, so students can build a foundation before reaching high school.

"By the time students reach high school, they have already made a decision as to what college major and career they want to pursue. By then, it's too late to start that educational foundation, which needs these engineering design teams, the ability to write and publish papers, the ability to talk to people in the industry, or having guest speakers to connect with," said Abiram. "All of this should happen starting in elementary school, middle school, and high school."

The New Jersey Aviation Education Council (NJAEC) is a statewide nonprofit organization, created in 1992, that connects students, educators, industry, and government to share resources and promote aviation and aerospace opportunities. The NJAEC provides a network for students, educators, the aviation and aerospace industry, and government to interact and share knowledge and resources, promoting exciting opportunities in aviation and space. Visit aviationec.org for more information.

Franklin High School Aviators Take Flight in Thrilling Homecoming Flyover

By Elangkathir Elamaran

Friday, October 25th, 2024, was already set to be a memorable day for FHS students, as the Franklin High School football team faced rival North Brunswick Township High School in what was their homecoming game and last game of the season. Little did the crowd of enthusiastic students know that they were in for an extra treat when a group of student pilots suddenly soared overhead in a stunning flyover prior to the beginning of the game. As the national anthem played, three small aircraft, piloted by student pilots from Franklin High School, flew in perfect formation over the roaring crowd, marking a historic moment for the school.

Six (6) FHS students were selected through a raffle to participate in the inaugural FHS homecoming flyover. These six students are all part of Franklin High School's elite aviation program, which consists of two elective classes (one introductory class and one advanced) and the aviation club, which meets after school. The aviation program is spearheaded by Ms. Sarah Montanari, a 9th-grade English teacher and student pilot. Ms. Montanari serves as the teacher for one of the aviation electives and as the advisor for the after-school aviation club.

The six students, along with certified flight instructors, took off from Princeton Airport in three Cessna 172s. There were two students in each plane, with one acting as the co-pilot and the other riding in the backseat.

Among the spectators was Dr. Daniel Loughran, assistant superintendent of the Franklin Township Public School District. Dr. Loughran has been a long-time supporter of the FHS aviation program and was instrumental in making the flyover happen. “The event went very well, and the students/crowd who were in attendance followed the instructions of the PA announcer who directed their attention to the sky and applauded when the planes flew over”, Dr. Loughran said. “By creating a flyover ‘event’ during a homecoming game, the aviation program was able to compete for students' and families' attention about their program and about the possibilities for young people to learn how to fly planes. This event may have been the first time some of these folks have heard about our aviation program and/or thought about aviation as a career.”

The flyover was made possible through the support of Princeton Airport, which has been instrumental in providing students with opportunities to explore aviation. With an increasing number of students expressing interest in flight training and aviation, the success of this event could lead to more aviation-related activities and deeper support for the aviation program at FHS.

As the game continued and the excitement from the flyover persisted, one thing was clear: this game wasn't just about touchdowns—it was about reaching new heights, literally and figuratively. The ambitious student pilots from FHS set a new milestone for the advancement of aviation and aerospace education in Franklin Township and helped the remarkable aviation program at FHS take off!

How Flying Made Me a Better Driver

Janis Keown-Blackburn

As a flight instructor, I am having to think about what's happening in the airplane, what my student is doing, and what's happening around us. Thinking back on all of this, I realized that flying has made me a better driver. For instance--

When setting anything to autopilot, we always look and double-check that what is set is what we want, for example, a new altitude. Well, in the car, after I shift the transmission from park to drive or reverse, I always look to make sure I see a D or an R (and not the wrong one) in front of me. It's pretty embarrassing if all of a sudden you move backward when you planned to move forward, plus think about the danger in it.

When ready to move the plane after it has stopped, we never give it a sudden burst of power; just a gentle touch to get ourselves moving. It's an airplane, we don't need to go from 0 to 60 in nothing flat. Heck, once we get in the air, we're going faster than any vehicle down there on the road. I do the same in the car; I just use a little pressure on the gas pedal to start moving before I increase my speed. Also, why waste a bunch of gas on that initial movement?

When taxiing an airplane, we only taxi; we do not change radio frequencies or set up the GPS. We stop the aircraft to do these things. So, in the car, I only adjust the heat or change the radio when I'm stopped at a traffic light, never while the car is moving.

While teaching, I tell my students that they don't have to look at me when they answer a question or ask one. We are both wearing headsets, and I can hear and respond. Even while speaking, we are both looking out the window, checking for traffic, watching our pitch, and making sure we're heading in the right direction. In the car, I never look at a passenger when talking with them. I'm not being rude, but just as in an airplane, looking for traffic is more important.

When the runways are wet or snowy, we have to be extra careful. Hydroplaning is quite possible, but it's also possible in an automobile. So, extra care must be taken when it's wet out there.

And, speeding. You might not think that there are speed limits in the sky, but there are. And, as a pilot, we must obey them. So, since I need to follow the limits up above, I do the same on the ground. It's not that hard.

But, a biggie in flying is Situational Awareness. And, it's just as important in a car as in an airplane. Knowing what's going on around you is essential. Before taxing across a runway at an airport with or without a control tower, we look both ways. Before entering a runway, we also look on final. I've found myself doing the same thing as I

drive through an intersection, especially if I'm starting after a red light. Many people think that a red light is just a suggestion and will blast right through it. If you look before starting, you could save yourself from getting stuck in the middle. So, just as in flying, knowing where you are, where you're going, who might be around you, and what they could be doing could save a life.

We hear about airplane accidents because, compared to auto accidents, there are so many fewer of them. It could be because pilots are taught about how to stay safe.

Networking of the "Best Kind"...

NJWG's Twin Pine Composite Squadron showcased an inspirational exhibit titled “If you dream it, you can achieve it.” Girl Scouts had the opportunity to meet female pilots from Civil Air Patrol ,including NJ Wing Commander Amy Myzie (mission pilot), Capt. Shelley Ewalt (pilot/aviation lawyer), and Maj. Janis Blackburn (NJ Aviation Education Council member, retired airline pilot, author, and a whole bunch more).

Our NJ Aviation Education Council member, along with two others, shared their life experiences and aviation successes with the participating young women during the Festival of Flight this past “end of summer” event at Fort Mott State Park, dedicated to inspiring the next generation of aviation enthusiasts, particularly with the participating young local Girl Scouts.

Janis Keown-Blackburn, *Hanging out with the Girl Scouts...*

Our former Airline Captain/Author was there...

Janis began flying in 1967, when few other women were flying:

Retired Airline Pilot: Commercial certificate issued in 1967. From there it was off to Princeton Airways pilot 1981-1982 (First female pilot there), Summit Airline 1982-1984, Sun Country Airlines 1984-1985 (First and at that time only female pilot), Eastern Air Lines 1985-1991, KIWI Airlines 1994-1999, Spirit Airline 1999-2013 (retirement—at age 65.

Other Accomplishments: - CFI: Monmouth Area Flying Club, Board of trustees’ member and flight instructor. - Civil Air Patrol Member, National Flight Academy Instructor, CAP member since mid-1970s - Former NJ Aviation Education Council Executive Director - ***NJ Aviation Hall of Fame 2015 Inductee.***

Aviation Organizations: Ninety-Nines, Women in Aviation, Mercer County College Aviation Advisory Board, Ocean County VoTech Aviation Advisory Board, and Atlantic County Institute of Technology Aviation Studies Advisory Board.

The Girl Scouts of Central and Southern New Jersey designed the Festival of Flight to provide Girl Scouts with hands-on experiences through various stations, with the goal of encouraging young girls to explore aviation in its many forms.

The stations included activities like “Buzzing in Flight,” kite-making, passport-style photos with a pilot, Blackburn’s special reading of her book “Teddy the Airplane,” and a

coloring station featuring an original design and an aviation-themed coloring book by Cadet Staff Sgt. Logan Lancellotti, an aspiring pilot.

Female role models in aviation are crucial because:

They provide visibility and inspiration for young women to pursue careers in the field

They break down gender stereotypes and encourage more females to enter traditionally male-dominated roles within the industry.

They ultimately lead to a more diverse and innovative workforce

Their presence demonstrates that women can succeed in aviation at all levels, which is critical for attracting our future female workforce.

Inspiring the Next Generation…

When young women can identify with successful female pilots, engineers, or executives, they are more likely to aspire to similar roles themselves.

Diversity of thought: A more diverse workforce, including gender diversity, can bring different perspectives and approaches to problem-solving, leading to improved innovation and decision-making within the industry.

Addressing workforce shortages: By actively encouraging women to enter the aviation industry, it can combat potential workforce gaps and access a wider pool of qualified candidates.

Positive impact on safety culture: Research indicates that diverse teams, including those with gender diversity, can contribute to a stronger safety culture by fostering open communication and critical thinking.

The Significance of Female Role Models in Aviation

Representation in male-dominated fields, such as aviation, is essential to opening doors for young women. Currently, only 5% of pilots and 19% of ramp agents at Delta are women.

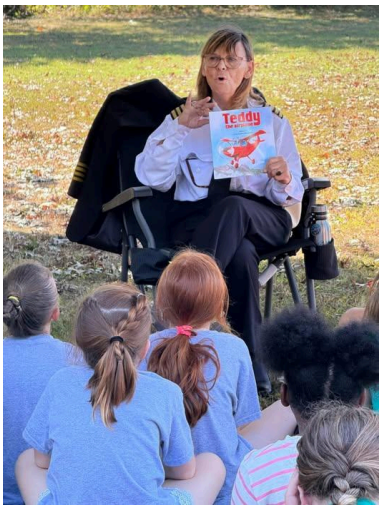
“I am thrilled that CAP can support Girl Scouts and promote aviation for women,” Myzie said. Ewalt described sharing her experiences with participants as “thoroughly enjoyable.”

“I am honored to be a volunteer for this event,” Cadet Master Sgt. Madison Couvertier said. “I think it’s very important for young girls to be exposed to an environment like this.”

Thank you Janis, needless to say, we are thrilled too…

Let the Networking begin!

NJ Aviation Education Council



Aviation Education Council

Networking 101:
What are the benefits of Networking?

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 government to interact and share knowledge and resources, in order to promote the exciting opportunities available in the world of aviation and space.

The New Jersey Aviation Education Council believes:

- Networking can open doors.
- Networking can help you become more visible.
- Networking can help you form trust and build relationships with others.
- Networking provides Organizational Branding that can influence decisions, partnerships, and opportunities.

Unlocking Career Pathways for Students

According to Boeing's Pilot and Technician Outlook, the world will need over 600,000 new pilots and nearly 700,000 new technicians in the next 20 years. Schools and districts nationwide must prepare students for these high-paying, rewarding careers in aviation and aerospace.

As the first curriculum of its kind, the AOPA Foundation High School Aviation STEM Curriculum sparks interest in aviation and aerospace among high school students through real-world aviation principles integrated into classroom learning.

The AOPA Foundation's High School initiative, designed to rebuild the pilot population and the aviation industry from the ground up, provides high-quality STEM-based aviation education to high school students nationwide; AOPA is opening the door to aviation careers for thousands of teens. Supporting AOPA's four-year high school aviation program also provides AEM recruiting opportunities.

The NJ Aviation Education Council currently supports 20 high schools across the state. Providing additional resources such as educational materials, STEM Kits, classroom visits, and opportunities for flight via EAA's Young Eagles and Civil Air Patrol's Cadet and Aerospace Education Membership programs that would augment AOPA's curriculum and encourage primary and middle school students to sign up for aviation studies classes upon entry of their 9th grade year.

New Jersey Education Association (NJEA) NJ Aviation Education Council's Exhibit and Presentation

Our team had a great time chatting with fellow STEM enthusiasts, educators, and more on the exhibit floor during the two-day New Jersey Education Association's Annual Teachers Convention in Atlantic City.

The New Jersey Education Association (NJEA), has approximately 130,000 members, including teachers, education support professionals, higher education faculty, retired educators, and students preparing to become teachers. However, this premier educational event here in New Jersey only attracts approximately 15%, which equates to around 19,000 attendees (most likely much lower, but still worth the cost of being there).

In addition to participating as an exhibitor, I had the opportunity to present *"The Search for Meaning and Significance, Inspiring Educators Using K-12 Aerospace Education Lessons and Resources in Our Classrooms,"* promoting education materials, STEM kits, and other aviation and aerospace resources.

With endless possibilities available, participation in educational conventions encourages student involvement in aerospace education, ignites young minds, and provides active engagement. The importance and benefits of teacher networking during these events enable educators to compare curricula, exchange ideas, and learn new methods of instruction.

Networking for Success: Barnegat High School Career Fair…
Superintendent signs off on district-wide AEMs

Barnegat High School is currently one of twenty secondary school districts in New Jersey that is embracing AOPA's high school aviation curriculum.

On November 18, members of the New Jersey Aviation Education Council participated in the school's first Career Fair, held in the gymnasium. Nine hundred eighty-three students, grades 9 - 12, rotated in and out throughout the day, speaking to program representatives from several dozen potential future career pathways from a myriad of career offerings.

Members Janis Blackburn (retired Spirit Airline Captain), Kurt Stofko (EAA member), and Michael Castania (NJWG's Director of Aerospace Education), all pilots, promoted various aviation career pathways that included Pilot Careers, Airline and Airport Operations, Aircraft Maintenance, Air Traffic Control, Aviation Science & Technical Services, Aircraft Manufacturing, Airline & Airport Services and more…

Because of our participation, we had the opportunity to speak with the district's Superintendent of Schools to further promote aviation, K-12, through CAP's Aerospace Education Member program, which again, augments AOPA's curriculum… a definite win/win scenario!

Barnegat High School Principal, James Barbiere, stated, *"Excellent, thank you! This is certainly an amazing opportunity for our students, and we are interested in learning more about the various resources and programs you offer. I'm also going to bring this*

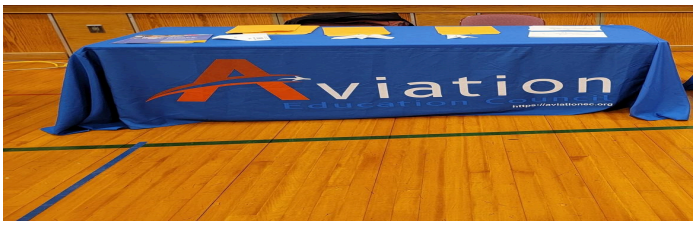
information to our Board of Education to receive official approval for our teachers to become Aerospace Education Members".

"The sky is no longer the limit"…
"If you can dream it, you can do it"…
"Dreams Can Come True"…

Michael Castania

Executive Director, NJ Aviation Education Council

NJAEC in action



The NJ AEC's Aviation Symposium On Friday (28 Feb), the NJ Aviation Education Council held its first Aviation Symposium @ Atlantic Cape Community College.

This dynamic event provided invaluable networking opportunities and resources to over 80 K-12 school educators and administrators across New Jersey who were interested in aviation education, incorporating aviation into their curricula, or launching their own aviation programs. The symposium aimed to support and inspire educators by offering expert-led discussions and access to industry professionals who can help guide the integration of aviation topics into school programs.

A huge thank you to Dr. Carmelita Graham (Director Vocational and career Education, Egg Harbor Township Schools) Tim Cwik (Aviation Dept. Chair, Atlantic Cape Community College), and Dr. Barbara Gaba (President, Atlantic Cape Community College).

Keynote Speaker, Ms Priya Abiram (Jersey Girl): Pilot, Analog Astronaut, Congressional Award Gold medalist, Citizen Science Astronaut trainee @ International Institute of Astronautical Sciences, former Cadet Lt Col CAP, and currently Engineering Student @ Cornell University.

The Behind the Scenes: Council Members that Made This All Happen...

* **Carmelita Graham**, STEM/Technology Egg Harbor Township Schools - Chairwoman
* **Tim Cwik,** Aviation Dept Chair ACCC - Program Chairman & Host for this event!
* **Janis Blackburn**, Airline Pilot - Panelist
* **Pam Bogdan** - Moderator
* **Shelley Ewalt**, Aviation Lawyer - Panelist
* **Mike Miller**, AOPA - Panelist
* **Andy Nebl**, ACIT - Session Speaker
* **Kurt Stofko**, EAA - Session Speaker
* **Michelle Riordan**, NASA Solar Ambassador - Session Speaker

Resources

New Jersey Aviation Education Council

https://aviationec.org/

Featured Article

How Did the Concord Fly So Fast - By Dr. Anthony Farina

Dr. Farina and the Concorde

New Jersey STEM Pathways Network

Defining and guiding a STEM vision for cradle-to-career pathways in New Jersey.

-ALIGNS RESOURCES TO SCALE AND REPLICATES PROMISING PRACTICES.

-PROMOTES STEM CAREER PATHWAYS BY TRAINING STATE LEADERS AND CREATING DEEPER PUBLIC AWARENESS OF OPPORTUNITIES AVAILABLE IN THE 21ST CENTURY WORKFORCE.

-IDENTIFIES LEARNING OPPORTUNITIES BY CONVENING NEW JERSEY'S STEM EXPERTS.

Learn more: https://njstempathways.org/

NJWG Aerospace Education, along with the NJ Aviation Education Council, partnered with NJ STEM Pathways during Thursday's NJIT's Newark Ecosystem Revitalization, which targeted inner-city children who do not have equal learning opportunities. NJWG AE was one of dozens of STEM organizations participating in and supporting this program.

Networking Works: Share the Wealth

Learn more: New Jersey STEM Learning Ecosystems

https://njstempathways.org/ecosystems/

PD/Training Opportunities for Teachers:

- Space for Teacher, Embedded Teacher Program:https://spaceforteachers.org/

Space for Teachers
Embedded Teacher Program, parabolic flight, STEM, school space projects, space for teachers, microgravity professional development, space, students, zero-g
spaceforteachers.org

Airway Transportation Systems Specialist (Electronics Systems Technicians)

The FAA is Hiring Technicians

Are you looking for a challenging rewarding career that impacts the nation's travel and commerce on a daily basis? The Federal Aviation Administration (FAA) is now hiring entry-level Airway Transportation Systems Specialist (ATSS) positions. Search "ATSS 2101" to find the open Public Notice & Direct Hire announcements for the ATSS within the Air Traffic Organization.

Applicants are highly encouraged to visit the USAJOBS resource center at USAJOBS Help Center - How to page. Learn how to build your resume, application process tips and view tutorials on applying and interviewing for federal jobs.

- US Citizenship is required.
- Selective Service Registration is required for males born after 12/31/1959.
- Designated or Random Drug Testing required.

Recently Opened FAA Jobs

Aviation Safety Inspector (Cabin Safety), Cabin Safety Inspector

$106,382.00 - $138,296.00 PA

- San Juan, Puerto Rico
- Salt Lake City, Utah
- Herndon, Virginia
- Richmond, Virginia
- Renton, Washington
- Spokane, Washington
- Charleston, West Virginia
- Milwaukee, Wisconsin
- Casper, Wyoming
- and more..

March 18, 2025

Aviation Safety Inspector (AC Maintenance), Air Carrier Maintenance Inspector

$106,382.00 - $138,296.00 PA

- San Juan, Puerto Rico
- Salt Lake City, Utah

Upcoming Events

THE MORRIS HILLS REGIONAL DISTRICT AVIATION PROGRAM IS PROUD TO PRESENT

Careers in Aviation

Open to the public, our career-fair style event will feature representation from a wide-range of aviation-focused professions.

Morris Knolls High School
50 Knoll Drive, Rockaway, NJ 07866
April 29, 2025
6:30PM - 8:00PM

FEATURING A HELICOPTER LANDING BY THE NEW JERSEY STATE POLICE AVIATION BUREAU AT 7:45PM!
(weather and conditions permitting)

Scan for the most up-to-date list of participants!

Scan for highlights from last year's event!