



Welcome to AeroStar News!

Soaring Into Summer



Dear AeroStar family and friends,

A lot of things are happening in the aviation industry. There has been major progress as well as some stumbling blocks. Yet with all of the shortcomings, we are leading toward some exciting new innovation. With airlines losing bags left and right, passengers have taken advantage of air tags (popular digital tracking devices) to track their own luggage. With so many flights being canceled due to the pilot shortage, we have an opportunity to reinvigorate our talent network. I choose to look at these obstacles from an angle of opportunity.

All of this is gearing us up for a momentous shift in operations. It is laying the groundwork for unmanned aerial systems, eVTOL electric, vertical takeoff and landing. These aircrafts can move in multiple directions. Look out, because that's coming in the next two to five years, and it's going to completely replace helicopters almost immediately. It's a much more stable, much more advanced, much more fuel efficient aircraft. It's one of the exciting innovations that are coming from our field.

There is a lot of joy and excitement that comes with being able to be at the forefront of technology and advancement in industries such as aerospace and aviation. Obstacles have created an opportunity for innovation, growth, improvement and advanced technology. One of those pieces of technology is the James Webb Telescope.

The images that shocked the world are stunning. You look at those pictures and remember how small we are. You look at those pictures and really consider if we are the only ones out there. Our galaxy has billions of solar cells, billions of solar systems and trillions of stars, but if we were to collect all the grains of sand on the entire planet, the Milky Way galaxy would be only one grain.

To be able to look at the obstacles and find innovation is precisely what we need. Everything might not be perfect but our outlook is up.

Donate cash, in-kind services, and sponsorships [HERE](#). Collaborate and volunteer (click [HERE](#) to volunteer). Support AeroStar and the future of aviation. Please contact me today at Tholmes@aerostarcorp.com for branded sponsorship opportunities.

Thank you for Giving Wings to Dreams!

Tammera L. Holmes
President & CEO, AeroStar Consulting Corporation
Founder & CEO, AeroStar Avion Institute NFP

#BoeingInspires #BoeingPartner #AeroStarAvion #WingstoDreams

Upcoming Events

The [EAA AirVenture OshKosh 2022](#), “The World’s Greatest Aviation Celebration,” runs from July 25-31. It features job fairs, air shows and more. You can view the fun right from home via [AirVenture Live](#) and join AeroStar in this event.



The Chicago Air and Water Show presented by the City of Chicago is the largest FREE show of its kind in the United States. It begins Aug. 20-21 from 10 am - 2 pm at North Ave. Beach and along the lakefront. Come witness a wide variety of military and civilian performers and aerial demonstrations.



Exciting Features



AeroStar's "Foot to Flight" Campaign Creates Lift for Young CHA Residents

The AeroStar Avion Institute was one of 16 U.S. nonprofits to be awarded Foot Locker Foundation Community Empowerment Grant.

Through our partnership with the Chicago Housing Authority (CHA), we have been able to create FREE aviation and STEM engagement opportunities for CHA student residents ages 14-24. The award was also critical in helping AeroStar meet program staffing needs and support strategic program capacity building goals.

The Foot Locker Foundation Community Empowerment Program is open to candidates from the United States, as well as Canada and European nongovernmental organizations. We strongly encourage others to apply. For more information about the program, click [here](#).

Hakeem Oluseyi

Hakeem Oluseyi moved around as a child, never living in the same state for two years. He spent a lot of time indoors reading and watching PBS nature shows, and eventually discovered Jacques Cousteau on TV and Albert Einstein in my reading. In primary school, he created a computer program that did relativity calculations. When his program won first prize in physics at the state science fair, judges told him to become a physicist. Now, Oluseyi is an astrophysicist. This journey came after enlisting in the Navy. He earned three degrees in physics and one in mathematics. After a stint in Silicon Valley, he returned to astrophysics research. He worked on the 2011 Nobel Prize winning Supernova Cosmology Project and now works at the Large Synoptic Survey Telescope (LSST). Oluseyi also has a passion for education. He spreads his scientific knowledge through professorship, TED Talks, and visiting sub-Saharan African schools. He helped form the African Astronomical Society and the One Telescope Project that seeks to acquire a research-grade telescope for each nation in the world. On the James Webb telescope images, Oluseyi says, "My mind was blown...Hubble was revolutionary and the James Webb Space telescope has taken it orders of magnitude beyond."

(Source: [American Physical Society Physics](#); [ABC News](#))
(Image Source: Google)



In the News



NASA released the first batch of images from the James Webb telescope introducing proof of impossible views from ancient and distant galaxies. Gregory Robinson, the ninth of 11 children born to tobacco sharecroppers, began his education in a racially segregated elementary school. He reached college through football and earned degrees in math and electrical engineering. He served as director of the James Webb Space Telescope Program, realizing an impossible dream. The Webb Telescope images are proof of the unfathomable. It shows a variety of worlds outside of our own, and gives hope of habitable planets and other intelligent life-forms.

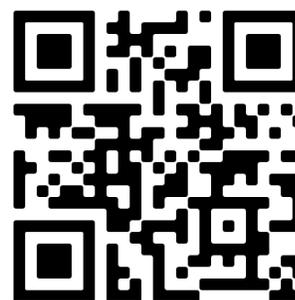
(Source + Image: NPR)
(Image Source: Mashable)



Summer Program



Our summer program kicked off on July 5 with 107 total enrollments. We are enjoying the trips, classes, and activities we've gone through with our participants. This summer, our AeroStars have visited Alder Planetarium, Museum of Science and Industry, and Oshkosh EAA Air & Water Show. The students have learned the dynamics of flight, the aspects of aerodynamics and toured various aircrafts like the Boeing 777. You can still join in on the fun! Registration is open for our 2-week aerospace aviation camp. Sign up before August 11 using the QR code or by visiting [this link](#).



Aviation Job Opportunities

AeroStar is seeking new and dedicated people to join our team. Your support will help the AeroStar Avion Institute train and prepare students to pursue the aviation and aerospace careers of their dreams!

AeroStar Aviation Instructor

Part-Time
Chicago, IL

The primary responsibility of a Program Instructor is to facilitate AeroStar curriculum online (AeroVerse) or in a classroom environment for students ages K through 12th. As an AeroStar Instructor, you will engage in fun aviation, aerospace, and STEM-focused programs and activities.

Submit resume and cover letter to HR@avioninstitute.org; CC: tholmes@aerostarcorp.com; Subject Line: Program Instructor.

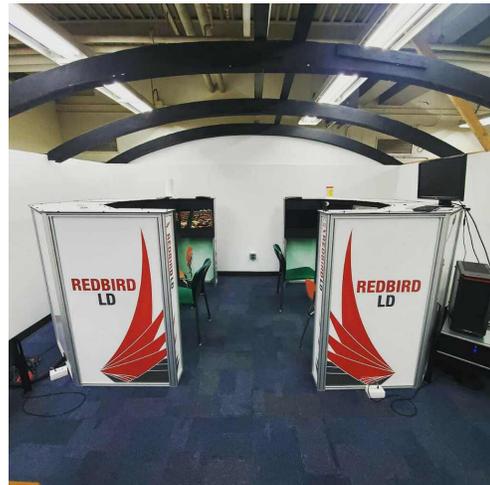
Aviation Flight Program Instructor

Full-Time
Gary, IN

The Aviation Instructor for the Gary Area Career Center will be the primary instructor for students to receive FAA certified level training provided they successfully complete the program. The instructor accomplishes this by providing students with a program of study that teaches required program skills, develops employability skills, and reinforces academic skills through the use of rigorous curricula. The Instructor will also handle all responsibilities associated with the High Tech Flight Simulator Laboratory, including program coordination, school-wide integration/collaboration, and special events/workshops/classes. The instructor will also handle coordination of flight simulator hardware and software routine maintenance, repairs, and updates. Apply [HERE](#).

QUALIFICATIONS

- CFI or CFII
- Be 18 years of age or older.
- Hold either a commercial pilot certificate or airline transport pilot certificate and an instrument rating.
- Have logged at least 250 hours of flight time.
- Hold a valid FAA 3rd Class Medical Certificate (or higher)
- Bachelor's degree from an accredited college or university AND 2,000+ hours of department-approved, aviation-related work experience, OR; No degree and 8,000 hours of department-approved, aviation-related work experience
- Complete Work-based learning Instructor requirements as directed by Indiana Department of Education: for selected candidate, certificate will be applied for by Gary Community Schools



Southwest® Careers



Southwest is excited to offer Ramp Agent roles in cities around the country, especially for high school students or graduates looking for real-world experience. Ramp Agents will direct planes on the ground, handle cargo/baggage, and ensure our ground operations run smoothly. Starting pay begins at \$17/hr. Apply [HERE](#). To explore more Southwest positions, start [HERE](#).

Did You Know...?



LifeLine Pilots is a critical service that offers free air transportation for medical, humanitarian and disaster relief flights. Founded in 1981, their vision is, "A world where every person has equal access to transportation for healthcare and humanitarian needs." If you or someone you know could benefit from their services, visit [their website](#) to find out more. If you're a pilot who wants to volunteer, apply [here](#).

(Source + Image: [LifeLine Pilots](#))

Internet Service Credit



The **Federal Affordable Connectivity Program (ACP)** provides eligible low-income households a credit up to \$30 a month toward the cost of Internet service (\$75 per month for households on qualifying Tribal lands). Participants in the program can apply the ACP credit toward the cost of participating plans from a variety of Internet service providers, including Comcast, as well as mobile services. Households that choose plans that cost

\$30/month or less will essentially receive their service for free.

More than 10 million Americans have already signed up for the ACP. Learn more about eligibility, how to apply and available plans at www.xfinity.com/acp.

ON THE RADAR



Happy Independence Day from AeroStar! On July 2nd, 1776, the Continental Congress voted in favor of independence from Britain, and two days later, delegates from the 13 colonies adopted the Declaration of Independence. We celebrate this day for freedom and the establishment of our country. We acknowledge and recognize that this original day did not mark the freedom of all people and all groups but hope that it will serve as a dedication to reach the values of fairness, freedom, and justice it represents.

(Source: [History](#))



There's nothing that brings more joy and excitement at events than a flyover salute. A flyover is "a ceremonial or honorific flight by a group of aircraft or a single aircraft." Flyovers date back to World War I. In history, it let ground troops know they were safe or if a mission was successful. It might also announce fallen comrades by dropping a wreath at the site. Today, that message has expanded to include even more purposes: to commemorate heroes, to boost morale, to train pilots, and to offer an awe-inspiring display. Over a battlefield or a funeral, the symbolism of the missing man is a fitting farewell for those who serve in the air.

(Source: [U.S. Naval Institute](#); [Wikipedia](#))

Donate Today!

One person *can* make a difference. Your generosity will help the AeroStar Avion Institute train and prepare students—K-12, college, and beyond—to pursue the aviation and aerospace careers of their dreams!

Please donate!

We're fired up about our mission to train and employ youth in this exciting industry, and we need your help more than ever before. To give, click **HERE**. Your donation is tax deductible, and 100% of your gift goes toward training the next generation of aviation and aerospace professionals.

Invest in the passion ... the mission ... DONATE NOW!

Give Wings to Dreams!

Book Teaches Kids to Fly Through Fear

What if you were afraid to fly? Authors Kenyatta Scott and Tammera L. Holmes join forces to show girls and boys how to face their fears!



Tammera L. Holmes Teaches Violet How to Fly Through Fear!

Follow along as ***Violet Takes Flight*** for the first time! Daddy teaches her and her brother Derek the true meaning of "doing it afraid." Follow along as Pilot Holmes makes her literary debut as Violet's flight teacher!

30% of all book sales support AeroStar Avion Institute, NFP, a female, minority owned NFP that teaches underrepresented youth in underserved neighborhoods about aviation STEM careers.

Buy your copy of ***Violet Takes Flight*** **HERE** today!

#thevioletbookseries
#wingstodreams

CREDITS



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