



Welcome to AeroStar News!

Future of Aviation



Hello colleagues & AeroStar Friends!

We are excited to announce that we have concluded our work on the FAA Youth Access to American Jobs in Aviation Task Force. When I was appointed by the US Secretary of the previous administration, I along with 20 other youth aviation advocates took on the daunting task of addressing the major workforce issues surrounding our industry. We focused on four areas:

- Early Awareness
- Early Access
- Connected Pathways
- Clearing Financial Hurdles

This day is the culmination of two years' work. I want to thank the Secretary of Transportation Pete Buttigieg, Acting FAA Administrator Billy Nolen, FAA Task Force Designated Advisor Angela Anderson and our Chairperson Sharon DeVivo for the commitment to secure the future of the aviation industry. Our collective findings are now available in the final report submitted on Wednesday September 28th, 2022. These recommendations outline for Congress our guidance on how to create exposure, to educate, empower and employ the next generation of aviation professionals in America. In the report, we pay special attention to the issue of diversity in the industry and include in our recommendations ways to attract, retain and sustain a diverse talent pipeline. The FAA Youth Access to American Jobs in Aviation Task force is now sunset, but the hard work is just beginning.



I'm honored to say that our AeroStar Aviation Talent Pipeline Project is a proven program model for diverse aerospace talent development and is hailed as a model for the nation. The work we have accomplished has impacted the lives of over 11,000 minority and underserved young people across the country.

None of this would be possible without the support of The Boeing Company, United Airlines, The Chicago Department of Aviation, Olive Harvey College, Foot Locker, Chicago Housing Authority, Tuskegee NEXT, American Airlines and a host of partners, collaborators and supporters. I would also like to thank the countless parents who trust us with their children, to guide, mentor and coach them through the turbulence of uncertainty as they pursue Aviation and STEM careers. And lastly, but most importantly, I want to thank TEAM AEROSTAR for 14 years of service, dedication and relentless pursuit of excellence toward our mission to provide a pathway to the stars for students who never dreamed it was possible!

To view the full report, please visit: <https://bit.ly/FAAYIATFReport>

To watch the final public meeting, [click here](#).

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

Youth Access to Aviation Jobs in America Task Force (YIATF) Summary



Youth Access to American Jobs in Aviation (YIATF) Report



Presented By YIATF Task Force

By Kathryn B. Creedy

"The Youth Access to Aviation Jobs in America Task Force (YIATF) set out the herculean tasks needed to turn the great recommendations from its just released report into reality. Reading the YIATF report is as daunting as it is hopeful, but no one said this "moon shot" would be easy.

But to get recommendations done will mean industry reform as well since it is one of the biggest obstacles. Industry has called for workforce development programs for years usually pointing at someone else to do the heavy lifting. It, however, must understand we cannot rely on "someone else," but must gather our forces to what needs to be done ourselves. With its many recommendations, industry must now take up the gauntlet because we know we can do it. All we need is organization.

Recommendations are at once simple and complex. In a nutshell, the Task Force cited a need for content creation for parents, teachers, guidance counselors, libraries and a one-stop, comprehensive industry internet platform for aviation careers and pathways which

connects the dots to education and funding. It also called for the creation of aviation-related gaming and social media and a youth advisory committee well-versed in social media influencers and gamers advising on game developers who could fund and develop aviation-and-aerospace, skill-building games.

The Task Force recommended expanding dual enrollment programs so students earn college credits while still in high school, popular with students and parents for defraying rising college costs. The Task Force called for us to rethink educational affordability, a critical need throughout society. That will mean higher education must address its cost. The Task Force cited a more expansive definition of diversity, a metric to be adopted by anyone wishing to make the rhetoric the industry espouses today meaningful.

The Task Force offers a ton of great ideas building on the hundreds of programs already working to promote aviation and aerospace careers to youngsters. It also resists reinventing the wheel yet again. It links to the effective online and in-class curriculum and teacher continuing education programs. A key conclusion, the 21-member Task Force found was, as suspected, waiting until high school is too late, recommending education start by age 10, and again reinforcing the message at late high school when students are turning interests into career ambitions.

It recommended review of government regulations, to ensure certification standards are performance-based, something aviation safety experts and airline training professionals have advocated for years. It recommended adapting regulations to allow for skill development and adaptability to new resources and technologies."

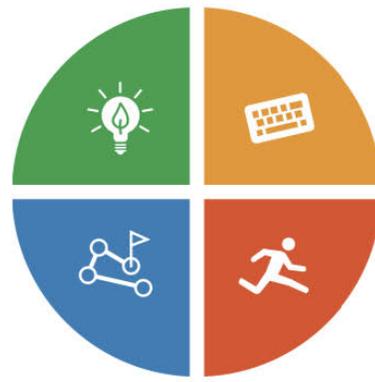
Read the full summary [here](#).

To view the full report, please visit [here](#).

To watch the final public meeting, [click here](#).

(Source: [Future Aviation/AeroSpace Workforce News](#))

Summary of Recommendations



Early Awareness and Engagement

1. Fund libraries to provide aviation and aerospace books and media
2. Provide in-person engagement whenever possible and develop written materials on aviation and aerospace for school staff and teachers
3. Develop turnkey afterschool aviation and aerospace activities
4. Launch early outreach to future teachers and guidance counselors
5. Empower teachers to ignite student interest
6. Meet the students where they are with gaming and social media
7. Industry stakeholders can sponsor student competitions



Information Access

8. Create a one-stop aviation/aerospace information portal
9. Create a "virtual counselor" component on the site



Collaboration

10. Create industry advisory councils
11. Tap the power of college and career readiness platforms
12. Significantly increase the mentoring, pre-apprenticeships and apprenticeships available to grow future employees
13. Build educational outreach to underrepresented groups at Minority-Serving Institutions, community colleges and technical institutions
14. Dual enrollment programs between high schools and colleges/universities as well as workforce development grant programs create well-aligned pathways.



Address Financial Hurdle

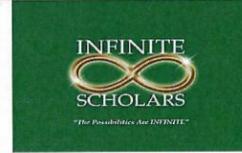
15. Decrease the cost of flight training by increasing the allowable simulator time for pilot certification
16. Increase the maximum Pell Grant for students
17. Develop a national aviation scholarship program
18. Implement a multi-faceted aerospace workforce development program
19. Increase donations to aerospace education programs by increasing the corporate tax benefit
20. Aviation and aerospace companies could consider several different financial options to assist in bringing underrepresented groups to the sector
21. The FAA should review its regulations and guidance related to technical proficiency of industry personnel and certification standards as well as update its own practices for managing and developing government human resources

Upcoming Events

On October 18, 2022 from 9:00 am to 1:00 pm, the Urban League of Northwest Indiana & Infinite Scholars Program is holding its Annual Scholarship Fair. The event is available for residents of Lake, Porter and La Porte Counties. Come and visit with college, university and ROTC representatives. Find opportunities and funds for future endeavors. Open to students and parents! Students register [HERE](#).



**The Urban League of
Northwest Indiana &
Infinite Scholars
Program**



Present



**The Annual Scholarship Fair
for Lake, Porter & La Porte Counties**

Over 50 college, university and United States Army ROTC representatives will be on site offering admission and college scholarship award opportunities to qualifying students!

Date: Tuesday, October 18, 2022

Time: 9:00 a.m. – 1:00 p.m.

Location: Indiana University Northwest

**3400 Broadway
Savannah Center
Gary, IN 46408**



The Urban League of Northwest Indiana and the Infinite Scholars Program are proud to host our Annual Scholarship Fair on Tuesday, October 18, 2022 for high school students in Northwest Indiana.

**REQUIREMENTS TO PARTICIPATE IN
THE SCHOLARSHIP FAIR INCLUDE:**

1. A G.P.A. of 3.0 or better is ideal, however some colleges and universities will consider lower G.P.A.'s
2. 21 ACT Score or SAT Score of 1100.
3. 250 word essay explaining why a college education is important to you.
4. Students should register at www.infinitescholar.org

REMEMBER TO BRING SEVERAL COPIES OF: transcripts, ACT/SAT scores

High school students and recent high school graduates are encouraged to attend. College students that have graduated from a two (2) year accredited college or university and wish to pursue a degree at a 4 year higher education institute should attend as well.

PARENTS ARE ENCOURAGED TO ATTEND WITH THEIR CHILDREN

For more information please contact:
Urban League of Northwest Indiana, Inc.
3101 Broadway, Gary, Indiana 46409
Phone: 219-887-9621

We Would Like To Thank Our Collaborative Partners and Sponsors



Afterschool Alliance
AFTERSCHOOL FOR ALL

International Space Station event
with Keke Palmer and Jessica Watkins
Thursday, October 20, 4:20 PM ET

Join the Afterschool Alliance, NASA, and Million Girls Moonshot for a virtual Lights On Afterschool event, featuring a pre-recorded interaction at the International Space

Station with astronaut Jessica Watkins and actress Keke Palmer. During the event, scientists and engineers will answer your questions about all things NASA missions and careers!

Join us Thursday, October 20, 4:20PM ET as we celebrate Lights On Afterschool with an exciting discussion about NASA missions and STEM careers. Organize a watch party in your afterschool program to highlight STEM in afterschool!

Programs can submit questions to be answered live by NASA, using our [question submission form](#).

[Sign up for this special NASA event](#)

If you can't join the event at 4:20 PM ET, not to worry: [send in your questions](#) and watch the event on the [NASA STEM Youtube channel](#) afterward. This special Lights On Afterschool event is brought to you by NASA, Million Girls Moonshot, STEM Next Opportunity Fund, and the Afterschool Alliance.

Questions about Lights On Afterschool? Photos to share from events? Reach out to loa@afterschoolalliance.org.

[Register Here!](#)

The Aviation Career Summit Committee will host an Aviation Career Summit presented by Republic Airways on October 21 – 23. Republic Airways' vision is to ensure students are aware of, have access to, and can see the visual representation of diverse people in careers across the aviation industry. The Aviation Career Summit is an exciting, introductory event for middle school, high school, and college students as well as job seekers and career changers who are interested in the exciting and growing aviation industry. Register [HERE!](#)



SAVE THE DATE!

AVIATION CAREER SUMMIT
20 22
Presented by Republic Airways

INSPIRING, CONNECTING AND SUPPORTING
Future Aviation Professionals

Join us as we kick off our 1st Aviation Career Summit right here in Indiana! Our goal is to plant the seed of aviation in the minds and hearts of a new audience.

The Aviation Career Summit is a three-day event for students as well as job seekers and career changers interested in the exciting and growing aviation industry. Aviation offers incredible opportunities and is seeking to welcome people of all backgrounds and cultures. Don't miss being part of this exciting experience!

Friday, October 21: Indianapolis International Airport
Saturday, October 22: Ivy Tech Community College
Sunday, October 23: Republic Airways Hangar

Help support the education of the next generation of aviators.
For more information, please email us at aviationsummit@rjet.com or visit aviationcareersummit.com.

October 21-23, 2022

Come join us the Saturdays of October 22 and October 29 for Aviation Themed Family Fun Day! Children in grades K-12 are encouraged to attend with their parents from 10:00 a.m. to 2:00 p.m. A waiver is required to participate. Don't wait. Register now!

FOR
CHILDREN IN
GRADES K-12

Completed participation
waiver required.



Aviation Themed FAMILY FUN DAY

*Join us for a fun day
learning everything
about aviation!*

Register at <https://bit.ly/FFAVIATION>

SATURDAY, OCTOBER 22 AND SATURDAY, OCTOBER 29

SIEGEL HALL – ILLINOIS TECH MIES CAMPUS – 10 a.m. to 2 p.m.

3301 South Dearborn Street, Chicago, IL 60616

Featuring dedicated classrooms for grades k-4, 5-8, and 9-12.

Parents are required to stay with their children and complete a participation waiver.



Office of Community Affairs



ILLINOIS TECH | Mechanical, Materials, and
Aerospace Engineering

Registration

The DuSable Black History Museum and Education Center is holding a Wings of Celebration Gala where CEO and founder of AeroStar, Tammera L. Holmes, will be honored among other influential entities in aviation. The event will take place on October 27, 2022 at 6:00 p.m. Buy your tickets now!

JOIN US FOR A
WINGS *of* CELEBRATION

gala

Honoring our past and soaring into the future

Please join us for an evening of cocktails, dinner and entertainment celebrating honorees including United Airlines, William "Bill" Von Hoene Jr., Tammera L. Holmes, and other special guests.

THURSDAY, OCTOBER 27, 2022
6 P.M. CT

The DuSable Black History
Museum and Education Center
740 E 56th Pl, Chicago, IL 60637

Creative Cocktail Attire

*Please RSVP by 10 / 20 / 22 to desiree@p2consultinginc.com
or call 773-255-1472*

The DuSable
BLACK HISTORY MUSEUM and EDUCATION CENTER
A Smithsonian Affiliate

Official Media Sponsor:



On Nov. 4, 2022 from 9:00 am to 1:00 pm, come join AeroStar and Boeing for Aviation Day! The expo is a FREE event that introduces inner-city youth to the aviation and aerospace fields and mentors career aspirations that may ultimately lead to well-paying, satisfying careers in flight and aerospace. Participants will interact with flight simulators, mini-drones, and robots. Additionally, industry professionals will provide one-on-one mentoring opportunities. The event is open to Gary and Chicago school students. Register [HERE!](#)



AVIATION DAY

November 4, 2022 | 9am-1pm
B. Coleman Aviation Executive Hanger

**FREE
ENTRY**

**GRADES
5-12**

WORKSHOPS



garyaviationday.eventbrite.com

Join OBAP for the virtual Girls Learning and Understanding New Career Horizons (LAUNCH) virtual event! Girls LAUNCH hosted by the Organization of Black Aerospace Professionals (OBAP) provides students of all ages with interactive experiences and meaningful conversations with female aerospace professionals to boost interest in various aviation opportunities. The event will take place on Saturday, November 12, from 10:00 a.m. - 3:00 p.m. EST. Click [here](#) for more information.



Girls LAUNCH

Learning and Understanding
New Career Horizons

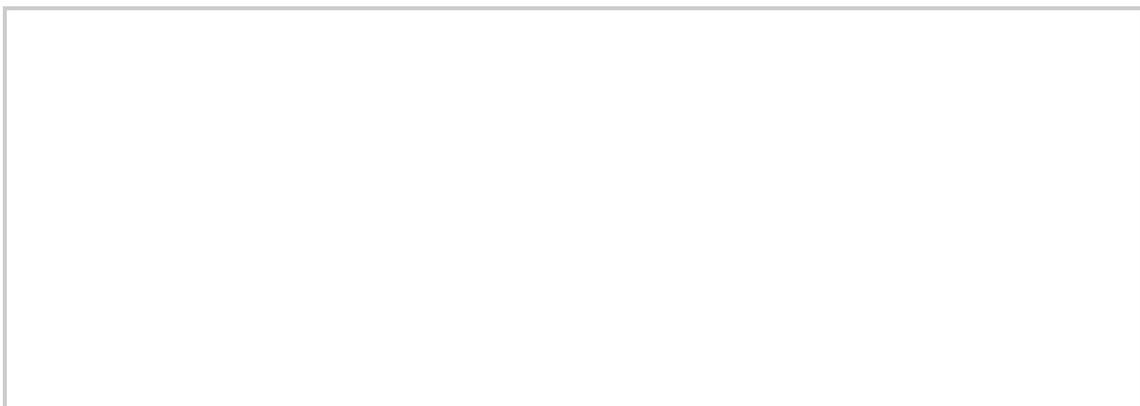
Saturday, November 12, 2022
| 10 AM – 3 PM EST

Girls LAUNCH provides girls and women of all ages with interactive experiences and intimate conversations with female aerospace professionals to boost interest in the unlimited opportunities in aerospace at a young age.

Girls LAUNCH features:

- Learning tracks for elementary, middle school, high school, and college students
- Career stories video library
- Instructional activity videos
- DIY learning activities
- Behind-the-scenes virtual tours, and more!

Fall Program Registration - Register NOW!



Aerospace. Fun. Aviation.



**LAUNCH INTO
FALL
REGISTRATION**

EVERY SATURDAY

OCT 8 **GRADES 5-12**

**Olive Harvey College TDL Evolution Center
October 8th- Decemeber 17th
Free**

WWW.AVIONINSTITUTE.ORG/PROGRAMS



Fall registration is upon us! We are excited to have you join us in the Fall for more fun and learning. Saturday sessions start October 8, 2022. Programs are available for students in grades 5-12. Students are immersed in aviation, aerospace and engineering projects. They operate flight simulators, remote controlled helicopters, drones, RC airplanes and VR headsets. They study and demonstrate extensive knowledge on flight theory, aviation weather, aircraft radio operation, aircraft cockpit instrumentation and STEM careers. Please follow the [link](#) to register for AeroStar classes now! Register [here](#) for After School Matters!

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

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



The Chicago Department of Aviation has open positions! Consider applying for the following posts.

Programmer/Analyst (O'Hare)

\$70,428.00
Job #367529
09/30/22 - 10/17/22

The day-to-day responsibilities will include reviewing, updating, and enhancing existing Power BI dashboards so they are accurate and up to date. Hires will also create new dashboards as needed/desired. Review, update the existing Azure Data Lake. Analyze data being uploaded to the Data Lake and continue to automate the dashboards' consumption of that data. Work on concept of a Digital Twin utilizing the data from the Data Lake if possible. Research and develop a plan to distribute the existing Data Lake into a multi-cloud structure to prevent a single source of failure scenario.

Student Interns (Both - O'Hare & Midway)

\$16.00 / Hourly
Job #365945
09/30/22 - 10/15/22

This is a temporary position in which individuals will perform various administrative functions to support program activities; Compile, tabulate and analyze statistical data, and research and collect information for inclusion in studies and reports; Use various software packages to type documents, create graphs, charts, and spreadsheets, and maintain databases; Provide general information regarding programs and services to the public; Maintain records and prepare work reports; Perform various office clerical functions; and, Participate in the organization, set-up and administration of special events and program activities.



In 2021, Swissport International AG provided best-in-class airport ground services for some 97 million airline passengers and handled roughly 5.1 million tons of air freight at over 100 cargo warehouses worldwide. If this work is something that excites you, apply now!

[ORD-Fueling Agent \(2213108\) \(taleo.net\)](#)

[ORD-Cargo Ramp Agent \(2213315\) \(taleo.net\)](#)

[ORD- GH Ramp Services Agent \(2212839\) \(taleo.net\)](#)

[ORD-Cargo Warehouse Agent \(2213164\) \(taleo.net\)](#)

[ORD-Passenger Services Agent \(2212892\) \(taleo.net\)](#)

Flight Training - Apply Now!

The **Tuskegee NEXT Summer Flight Program** is open for applications! It is a full-time, residential program in the Chicago area that runs from mid-June to mid-August. It is open to applicants between the ages of 18-20, whom have completed their junior year of high school

with a minimum 2.75 GPA. Tuskegee NEXT seeks to provide role models and a clear path toward aviation careers through Flight Training, Life Skills, and Educational Assistance. The Tuskegee NEXT Summer Flight Program Application Deadline is December 31. Apply [HERE](#).



The **AIM HIGH Flight Academy** is a 3-week introductory flight training program for high school students aged 16-18 years old. Our goal is to inspire these students through flight to pursue aviation careers. There is no military obligation attached to the program. They are exposed to Air Force Aviator mentors who will show them the pathways to becoming an Air Force officer and aviator and guide them as they are introduced to aviation. The 2023 AHFA scholarship is now partnered with universities across the United States. The student applicant window is open until November 30, 2022. [Apply now!](#)



APPLY TO THE
AIM HIGH FLIGHT ACADEMY

CURIOUS ABOUT FLYING?



Earn **15 flight hours** and the chance to go on a solo flight.



All expenses paid, including training, rooms, meals and travel.



No experience needed to apply. We'll teach you everything you need to know!

APPLY HERE

WHAT IS IT?

The AIM HIGH Flight Academy is a three-week program designed to teach and inspire future aviators. You'll receive one-on-one training from U.S. Air Force Pilots and gain valuable experience in the classroom and in the sky.



Applications open in **October**

Open to ages **16-18**



recruiting.af.mil/Aim-High-Flight-Academy/

Join the Flight Crew

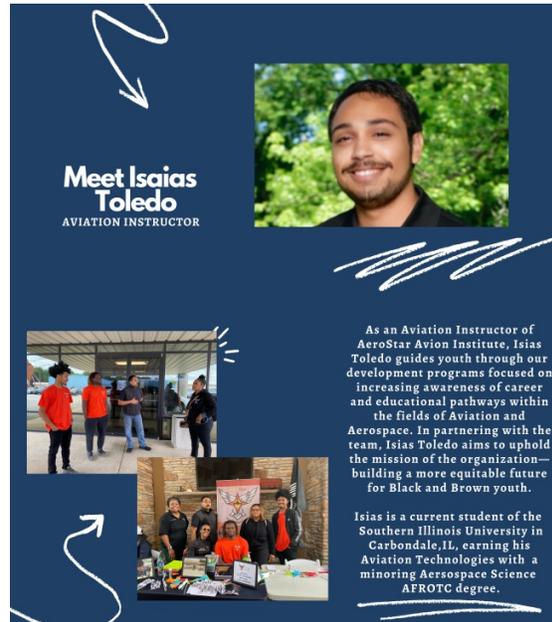


The **Flight Crew** is a group of youth advocates promoting the value of out-of-school STEM learning and equity in STEM for young people across the nation. The 2023 Flight Crew will participate in eight months of youth development and public speaking training to share:

- First-hand, impactful STEM experiences beyond the classroom that inspire,
- Aspirations to break down stereotypes and spark their peers' curiosity in STEM, and
- The ability to connect their STEM experiences to everyday life.

Youth (13-18) who identify as female, gender-expansive, or outside of the identity of cis-gender male, with experiences in out-of-school time STEM, are invited to apply to become a Million Girls Moonshot Flight Crew member! The deadline is November 11. Apply [here](#).

ON THE RADAR



AeroStar celebrates Hispanic Heritage Month (Sept. 15 - Oct. 15) to honor the culture and people who share this identity. Isaias Toledo is an AeroStar aviation instructor contributing his knowledge and experiences to AeroStar youth. He is among other Latinx individuals like Olga Custodio, the first Latina military pilot, and Ellen Ochoa, the first Hispanic woman in space, who are positively influencing and enriching the STEM and aviation field.

(Source: [Science Buddies](#))



Happy Breast Cancer Awareness Month from AeroStar. October is Breast Cancer

Awareness Month, an annual campaign to raise awareness about the impact of breast cancer. We can take part in funding a mammogram, supporting education, or helping reach women in underserved communities. Visit the National Breast Cancer Foundation, Inc. to learn more about how to RISE and ensure every woman has access to the screenings she needs and the support she deserves.

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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