



Welcome to AeroStar News

Taking Flight To Higher Heights in 2023!



Happy New Year!

2022 was a great year for AeroStar and we are looking forward to an even better 2023. This year, AeroStar is literally taking off as we celebrate a decade of youth programming! We are dedicated to the next generation of aviation, one that promotes diversity, inclusion, and access. Thank you all for your support these past ten years, and we look forward to even greater heights in the next ten.

The state of aviation continues to be unpredictable and ever-evolving. The industry is still facing a pilot shortage that will continue to affect major airlines moving forward. Over the holiday season, hundreds of Southwest Airlines passengers were left stranded and confused as thousands of flights were cancelled. The FAA experienced a system shutdown that crippled air transportation in the US. And in Nepal, sixty-eight people lost their lives in a tragic plane crash, with the reason for the crash still unknown. On behalf of AeroStar, our thoughts are with our friends in Nepal, our partner United Community Nepal, the family of those lost and all of those affected by that terrible incident.

It is rather overwhelming that all of these events are happening at once. But it is clear that the aviation industry needs to take a fresh look at innovative solutions to move our industry into the future. The caliber of our infrastructure and our workforce is more important than ever. AeroStar is committed to the next generation of our industry, and it is imperative that aviation modernizes to ensure a safe and prosperous future.

In this month's issue of AeroStar News, you will learn about **my next adventure to Nairobi Kenya**, our **celebration ahead for Black History Month** and our **girls only** workshop for Engineering Week. You will also learn about trending news headlines and what's next for commercial travel.

We have an amazing year ahead of us. We are thrilled to show you everything that we have been working on—from in-depth interviews, to fun programs, and everything else in between. I cannot express my gratitude to all AeroStar donors, partners, and supporters. Without your continued generosity, we would not be where we are today! I hope you enjoy

this year's content, and again, Happy New Year!

To donate, in-kind services, and sponsorships click [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 #GoodLeadstheWay #AeroStarAvion #WingstoDreams

AeroStar Heading to Nairobi, Kenya

100 YEAR STARSHIP
presents



31 JAN - 4 FEB 2023

IN **THE CRADLE OF HUMANKIND**
**WHEN SPACE, PURPOSE,
& CULTURE COLLIDE...**

ENVISION, CONNECT, & CONTRIBUTE TO
SPACE TODAY AND TOMORROW

IN-PERSON + VIRTUAL

DESIGNED & HOSTED BY
DR. MAE JEMISON
PRINCIPAL, 100 YEAR STARSHIP
FORMER NASA ASTRONAUT
1ST WOMAN OF COLOR IN SPACE



VISIT [NEXUSNAIROBI.ORG](https://nexusnairobi.org)
REGISTER NOW
LIVE FROM **NAIROBI, KENYA**
2023.01.31 - 02.04

DR. MAE JEMISON, THOUGHT LEADER, PHYSICIAN, ENGINEER, ASTRONAUT, ENTREPRENEUR, SOCIAL SCIENTIST, HUMANITARIAN, DANCER AND EDUCATOR LEADS 100 YEAR STARSHIP®, A GLOBAL INITIATIVE TO ENSURE THE CAPABILITIES FOR HUMAN TRAVEL TO ANOTHER STAR EXISTS WITHIN THE NEXT 100 YEARS WHILE IMPROVING LIFE HERE ON EARTH EVERY STEP OF THE WAY.

Our next adventure is leading our Founder & CEO, Tammara L. Holmes to Nairobi, Kenya,

where she has been invited to speak on the future of aerospace education. AeroStar is humbled to share the global stage with ICON Dr. Mae Jemison, the first African American Female Astronaut and the first person of color in Space. Her organization 100 Years Star Ship is celebrating its ten year anniversary with the first ever Nexus Conference. The theme, "*When Space, Purpose and Culture Collide*," is all about celebrating the world of science, space, astronomy, and aviation. We are so honored that AeroStar is partnering for this groundbreaking experience.

Nexus will be in person and online, and will run between January 31st and February 4th. We hope everyone has the chance to attend! For more information, click [HERE!](#)

Register - Virtual Attendee



The poster features a dark background with a large, glowing yellow lightbulb on the left. A thin line extends from the top of the lightbulb, passing through the portraits of five speakers at the top. Below the portraits is a quote in a cursive font. The main title 'EDUCATING FOR GENERATIONS WORKSHOP' is in large, bold, white capital letters. At the bottom left is the Nexus logo with the tagline 'space. radical. vital. down to earth.' At the bottom right is the website 'NEXUSNAIROBI.ORG' and a 'REGISTER NOW' button, followed by a copyright notice.

TAMMERA HOLMES
PRESIDENT & CEO / AEROSTAR

PEGGY BROOKINS
PRESIDENT & CEO / NBPTS

MONICA ARES
CO-FOUNDER, FIERCE XR

MAE JEMISON, M.D.
PRINCIPAL / 100YSS

JASON D. BATT
AUTHOR & EDUCATOR / 100YSS

...the interstellar journey provokes educational frameworks to develop talent, knowledge & skills that persist across generations...

**EDUCATING
FOR GENERATIONS
WORKSHOP**

100 YEAR STARSHIP
presents
nexus
space. radical. vital. down to earth.

VISIT **NEXUSNAIROBI.ORG**
REGISTER NOW

© Copyright, 2022/2023 100 Year Starship

BAE Day Virtual Field Trip



BLACK AVIATION EXCELLENCE

- Free virtual event for students and teachers
- Personal stories, panel discussion and keynote speaker and more

To register visit:

<https://bit.ly/BAEDay2023>



BAE DAY CELEBRATION

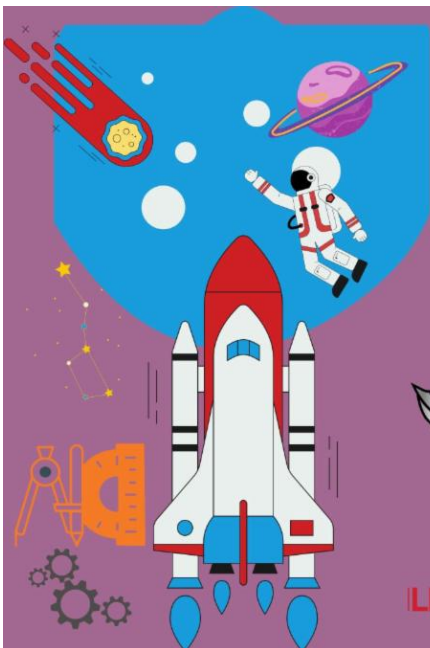
FEBRUARY 22, 2023
9:30 - 11:30AM CST



Please join us in celebrating our third annual Black Aviation Excellence (BAE) Day with aviation professionals from all over the US! **This event is a virtual field trip**, and we are inviting teachers and students from all walks of life to celebrate the accomplishments of African-American aviation professionals, learn their personal stories, and hear about their amazing careers! We hope to see you there!

REGISTER NOW



Girls Just Wanna Have Fun...In STEM!



ENGINEERING HER FUTURE IN SPACE

Saturday February 25th
9:30AM - 12:00PM
Illinois Institute of Technology
Siegel Hall, 3301 S. Dearborn
Chicago, IL 60616

GIRLS ONLY



ILLINOIS TECH | Armour College of Engineering

We are teaming up with the Illinois Institute of technology to celebrate engineering week! We will close out the week on Saturday, February 25th, with a special event **just for girls**, grades 5th through 12th. The day will be filled with aerospace workshops, panel discussion, and a special Keynote by Illinois Institute of technology alumni, Mae C. Williams, President & CEO CKL Engineers! This event is FREE.

REGISTER NOW

Spring Programs Important Update

Dates for our Spring programs have been postponed. But don't fret--new dates are coming soon!



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!

WE ARE LOOKING FOR A PROGRAM SPECIALIST!

The **Program Specialist** is to manage and coordinate programs that align with AAI's mission and strategic goals; for example: program implementation, recruitment, fundraising, partnership development and assisting with the planning of outreach strategies. The Program Manager works alongside the Chief Operating Officer to accomplish these goals. Other responsibilities include: assisting with scheduling and staffing volunteers for events; leading group volunteer experiences in AAI; delivering orientation and guiding volunteers at program locations; managing AAI'S event calendar and ensuring opportunities are posted on multiple Chicago volunteer sites, and more.

Submit resume and cover letter to HR@avioninstitute.org with the subject line, Program Specialist Applicant.



A career at Southwest offers several benefits and perks, including unlimited space available flight privileges, our 9.3% 401(k) Company match, career mobility resources, and more! Apply [here](#)!

- **Aircraft Appearance Technicians** are essentially "airplane detailers." These folks clean the hangars and refresh our aircrafts and equipment to provide a safe environment for our Maintenance Technicians as well as our Customers. This role could be a great starting point for individuals who hope to pursue a career in aviation maintenance. **Pay starts at \$17/hour.**
- **Material Specialists** maintain Company storeroom logs and records, deliver aircraft parts to various Technical Operations Teams with Southwest Hospitality, and multitask effectively to meet required deadlines. This role could serve as an entry-point into a career in supply chain management or logistics. **Pay starts at \$17/hour.**

ON THE RADAR

**United's Aviate Academy Graduates 1st Class
70% Women & POC**



Tammera took a quick trip to Arizona this week to attend the United Airlines Aviate Academy's first graduation, which was nearly 70% women or people of color! United says the airline's goal is to train about 5,000 new pilots at the school by 2030 with at least half being women or people of color. They knocked that goal out the park with this first class!!!

Congratulations to all of the graduates! And huge congrats to the entire United Aviate team. Thank you for inviting us to be apart of the celebration.

UnitedAirlines is the official airline of the AeroStar Avion Institute ☐☐☐✈



Pentagon Releases its Long-Awaited 2022 UFO Report



The Pentagon has released their 2022 report on Unidentified Aerial Phenomena after a months long delay. A total of 510 UAP reports were made last year, and 336 of them have been newly identified. While some sightings ended up being simple objects like balloons, a whopping 171 sightings remain unattributed and uncharacterized. The report takes into account factors such as weather conditions, atmospheric effects, and lighting. Those within the UAP committee hope that transparency regarding aerial sightings will help break stigma and speculation.

[Read More](#)

Departing To	Airline	Flight	Gate	Time	Status	Departing To	Airline	Flight	Gate	Time	Status
Atlanta	DELTA	4518	E49	6:00A	Now At 9:15 A	Chicago-Midway	Southwest	2114	A4	9:15A	Cancelled
Atlanta	DELTA	972	B19	6:59A	Now At 10:00 A	Cleveland	DELTA	4563	E51	7:21A	Now At 9:00 A
Atlanta	Southwest	553	A9	7:25A	Now At 9:30 A	Columbia	DELTA	5026	D44A	7:59A	Now At 11:30 A
Atlanta	DELTA	410	B20	8:00A	Now At 10:00 A	Dallas Love Field	Southwest	1054	A4	6:55A	Now At 9:30 A
Atlanta	DELTA	3477	E52	9:00A	On Time	Dallas Love Field	Southwest	2295	A5	9:25A	Now At 11:43 A
Atlanta	DELTA	967	9:05A	Now At 12:15 P		Dallas-Ft. Worth	DELTA	2866	C34	5:00A	Now At 9:30 A
Birmingham	DELTA	5332	D44B	8:47A	Now At 11:45 A	Dallas-Ft. Worth	DELTA	1839	D38	6:50A	Now At 9:30 A
Boston	DELTA	2552	C33	6:00A	Cancelled	Dallas-Ft. Worth	DELTA	1114	D42	8:39A	Now At 9:30 A
Boston	DELTA	5837	B15	6:15A	Now At 9:30 A	Dallas-Ft. Worth	DELTA	2101	C33	9:42A	Now At 1:36 P
Boston	DELTA	2146	C27	8:00A	Now At 10:45 A	Dayton	DELTA	5050	E49	7:35A	Now At 11:30 A
Boston	DELTA	5706	B19	9:00A	Now At 9:30 A	Detroit	DELTA	5253	E48	8:35A	Cancelled
Boston	DELTA	2169	C29	9:00A	Now At 10:54 A	Ft Lauderdale	Southwest	1642	A2	6:00A	Now At 9:30 A
Boston	jetBlue	1954	C24	9:30A	On Time	Ft Lauderdale	jetBlue	379	C28	8:58A	Now At 8:49 A
Charleston, SC	DELTA	4458	C23	8:34A	Cancelled	Ft. Myers	DELTA	1367	C27	8:35A	Cancelled
Charlotte	DELTA	1865	D36	5:46A	Now At 9:30 A	Greensboro	DELTA	5237	E57	8:30A	Cancelled
Charlotte	DELTA	5255	E57	6:40A	Now At 9:30 A	Greenville	DELTA	5251	D43B	8:35A	Now At 11:30 A
Charlotte	DELTA	798	D41	8:32A	Now At 9:30 A	Houston-HOU	Southwest	733	A6	6:05A	Now At 9:30 A
Chicago O'Hare	UNITED	695	B14	6:00A	Now At 9:10 A	Houston-IAH	UNITED	1647	B11	6:00A	Now At 9:30 A
Chicago O'Hare	DELTA	2903	D37	6:00A	Now At 9:00 A	Houston-IAH	UNITED	697	B11	7:59A	Now At 9:30 A
Chicago O'Hare	DELTA	2304	D43	6:56A	Now At 9:25 A	Huntsville	DELTA	5311	E49	8:15A	Cancelled
Chicago O'Hare	UNITED	1190	B12	7:00A	Now At 9:10 A	Indianapolis	DELTA	4735	E59	6:47A	Now At 9:00 A
Chicago O'Hare	UNITED	2003	B14	8:30A	Now At 9:00 A	Jacksonville	DELTA	5304	E46	7:40A	Cancelled
Chicago O'Hare	UNITED	4698	B10B	9:45A	On Time	Kansas City	Southwest	735	A6	7:25A	Now At 9:30 A
Chicago O'Hare	Southwest	1869	A9	6:15A	Now At 9:30 A	Key West	DELTA	4715	D38	8:37A	Now At 11:14 A

FAA Shutdown is "Wake-Up Call" for Cyberattacks: Ex-NATO

Chief

The FAA suffered an outage that ordered 500 U.S. flights to immediately ground to a stop. The incident was fixed at 9 a.m. EST. Despite the White House reassuring that the incident wasn't a cyberattack, the root cause is still unknown. The U.S. Department of Transportation have been ordered to fully investigate the matter. This incident comes off the heels of Southwest's holiday mishap, which led to thousands of canceled flights. Many figures within the industry, such as former NATO Supreme Allied Commander James Stavridis, lament that this is a wake-up call about cyber security issues within air travel.

[Read More](#)



New aircraft design from NASA and Boeing could benefit passengers in the 2030s

NASA and Boeing are working together to create a single aisle aircraft that will reduce emissions. This aircraft is projected to be completed and used by the 2030s. The first test flight for this new aircraft will fly in 2028, with Boeing predicting that demand will increase by 40,000 planes. The current Biden administration has a goal of reaching net-zero carbon emissions by 2050, and new technology such as this can help achieve that goal. The aircraft will utilize a new design called Transonic Truss-Braced Wing, which deploys thin wings that connect to the aircraft, which ends up burning less fuel. The partnership with NASA will end up costing \$425 million over seven years of production.

[Read More](#)



Congress OKs Voluntary Age Limit - 70?

A 70-year old age ceiling for pilots could very well be in the cards. Due to a provision in the federal spending bill, it allows the option for someone as old as seventy to remain a pilot for Part 91K and 135 operators. The option is mandatory. This measure establishes an age ceiling for pilots, only if the operator wishes. How would you feel about a pilot over the age of 65?

[Read More](#)

Donate Today!

HELP US RING IN THE NEW YEAR!

You can help expand our mission to train and employ youth in this exciting industry. Now 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...the future of aviation...[DONATE NOW!](#)

Give Wings to Dreams!

Book Teaches Kids to Fly Through Fear

What if you were afraid to fly? Authors Kenyatta Scott and contributor Tamera L. Holmes join forces to show girls and boys how to face their fears! Grab a copy, or three for the children in your family this holiday season.

**Tamera 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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