



*From
Infant
to
Engineer*

From cradle to career

Ultimate career pathway

Endless Possibilities

Tomorrow's Aeronautical Museum

Unlocking the Future

Tier 1

Upgrade to Smithsonian quality



Meet Our Team:

Lee Westropp

Director of Operations



- Enrolled in TAM's after school program at age 14
- Earned private pilot helicopter license at age 18
- Graduated from Purdue University with a BS degree in Aerospace Engineering at age 22
- Returned to TAM to run the operation
- Properly equip with administration staff including: Executive Assistant, Director of Operations, Programs Manager, Volunteer Coordinator, full time Grant Writer, etc.
- Flight line aircraft all brought up to airworthy condition
- Motion articulated simulators to assist with flight and astronaut training
- Entire building electrical system reworked to sustain new technology demands
- Entire facility computers upgraded to current industry standards
- Static displays restored to Smithsonian quality presentation
- Sky Cafe repaired and restored to working condition including viewing area for the community

Tier 2

Expand and improve museum

- Expand the educational staff with more teachers, tutors and STEM specialists to provide more focused learning experience

- Complete in depth upgrade of facility including external appearance to modernize and accentuate the artistic expression of the aerospace and aviation community

- Upgrade and modernize the internal working environment

- Properly equip the labs with the latest technology such as 3-D printers and a wind tunnel to complement the STEM education

- Addition of full motion simulator for aviation emergency procedures and astronaut training

- Build out robotic/drone lab

- Build out maintenance technician training lab

- Acquire ramp space to expand static display viewing area to accommodate large exhibits such as an MD-80 from American Airlines

Meet Our Team:

Kelly Anyadike Museum Grant Writer



- Enrolled in TAM's after school program at age 14
- Youngest African American female to solo 4 different planes on 16th birthday
- Graduated from Biola University with a BS degree in Intercultural Studies with a minor in International Development and Theology at age 22
- Graduated from Richmond, the American International University in London with a Masters degree in International Development at age 23
- Returned to TAM to write grants



Tier 3

Build classrooms for structured education



- Acquire land adjacent to the museum to build classroom and lab space providing the proper facility to expand and provide more structure for the afterschool program at TAM
- TAM's curriculum is currently being sold to school districts to provide STEM instruction in aviation and aerospace allowing them to transition to the academy model

Meet Our Team:

Bertha Gallardo

**Maintenance Technician
Instructor**



- Enrolled in TAM's after school program at age 16
- Graduated from Redstone College and acquired A&P license from FAA at age 23
- Started working at LAX for New Tech Aircraft Services as a mechanic at age 23
- Currently working for our sponsor American Airlines as a mechanic
 - Returned to TAM to instruct and maintain aircraft fleet

- The new facility will allow school districts to have an offsite campus where the students will graduate high school with enough hands on and in class experience to be hired by sponsor companies and other technology based institutions around the world
- High School students will obtain certificates from the FAA to be able to teach and maintain aircraft as A&P mechanics
- The museum currently develops professionals to lead the industry as: engineers, mechanics, aviation technicians, pilots, and soon astronauts
- The addition of the new academic facility

will expand the museum's living classroom space utilizing full motion simulators, wind tunnels, drones, robotics, flight training, CAD CAM, and 3d printers so students can design, build, and test experiments explained in the classroom. Literally making their dreams become a reality.

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American Airlines



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