

# OBAP SAN ANTONIO ACE ACADEMY 2023



DATE: JUNE 19TH-24TH

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## **About the OBAP San Antonio ACE Academy**

The Organization of Black Aerospace Professionals ACE Academy is a nationally recognized program co-sponsored by the Federal Aviation Administration. (FAA) and the National Black Coalition of Federal Aviation Employees (NBCFAE).

The purpose of Aviation Career Education (ACE) is to offer first level exposure to the aviation industry by providing aviation career exploration for middle and high school students. Academy participants learn about aviation history, theory of flight, and other aviation related subjects. Students will have the opportunity to go on field trips to aviation facilities, museums and participate in other hands-on activities designed to give students a total aviation experience.

## **Overview**

The San Antonio ACE program is designed to expose youth to the wide variety of career opportunities in aviation. The goal is to provide an opportunity for students to receive hands-on experience of learning about the history of aviation, contributions made by minorities in aviation, fundamentals of aerodynamics, the role of government in aviation, and the many careers available in the aviation industry. It is also designed to help students understand the importance of education and how it relates to various aviation and aerospace careers. Students will also experience the joy of flight by flying in the right seat of an aircraft.

Students will meet Aviation Professionals and participate in field trips to a variety of aviation facilities and educational institutions.

## **Activities**

As a member of San Antonio ACE Academy, you will:

- Take an orientation flight in a Cessna or Piper aircraft
- Receive introductory aviation education
- Take field trips to different aviation-related facilities
- Be introduced to aviation history
- Fly a full-motion flight simulator, when available
- Learn the qualities of leadership
- Associate and work with other youth
- Meet professionals from the aviation community
- Operate unmanned aerial systems and remote-control vehicles, when available

## **Admission Requirements**

Admission is offered to boys and girls from 13 to 17 years old who have an interest in learning about aviation and aerospace. Students must be physically capable of participating in all activities.

- High standards of behavior and self-discipline are expected, and students must abide by all academy regulations.
- Parents or guardians must attend an orientation before programs begin.

### **Location**

Stinson Municipal Airport

8535 Mission Road

San Antonio, TX 78214

### **Contact Information**

Calvin Allen

San Antonio ACE Academy Director

calvin.allen@[obap.org](mailto:calvin.allen@obap.org)

Ph: (830) 751-2739

Assistant Directors' Name

TBA ACE Academy Director

[asstdiremail@obap.org](mailto:asstdiremail@obap.org)

Ph: (XXX) XXX-XXXX

Date	Time	Activity
Sunday June 18th	1600 – 1700	Parent/Guardian Brief (Optional)
Monday June 19th <sup>9</sup>	0800 – 0830	Welcome/General Safety Briefing/Meet the Team Introduction/T-Shirts/Team Assignments
	0830 – 0845	Break
	0845 – 0900	Travel To SAPD Helicopter Unit-Blue Eagle
	0900 – 1030	Tour Blue Eagle
	1030 – 1100	Travel To San Airport International Airport
	1100 – 1245	Airport Director/Airline Ops/Security Brief/Lunch
	1245 – 1330	Travel To Randolph AFB
	1330 – 1545	Tour Flight Training Squadron/UAS Training/Simulators
	1545 – 1630	Return To Classroom
	1630 – 1645	Recap/Dismiss

Date	Time	Activity
Tuesday June 20th	0800 – 0815	Daily Review/Report Assignments
	0815 – 0915	Lesson: Aviation Fundamentals
	0915 – 0930	Break
	0930 – 1000	Travel To Southwest Research Institute (SWRI)
	1000 – 1200	Tour SWRI/Astro labs/Satellite Clean Room/Aircraft structure testing facility
	1200 – 1300	Lunch
	1300 – 1330	Travel To St Mary's University
	1330 – 1645	Tour Aeronautical Engineering/Drone Labs Travel to Classroom Break Aviation Fundamentals/STEM Activity Recap/Dismiss
Date	Time	Activity

<b>Wednesday June 21st</b>	0800 – 0900	Daily Review/Assigned Reports
	0900 – 0915	Break
	0915 - 1000	Travel to 433rd AirLift Wing (C-5); Kelly AFB, TX
	1000 - 1130	Tour 433rd
	1130 - 1300	Lunch
	1300 - 1315	Travel To Boeing Aviation Facility
	1315 - 1515	Tour Boeing
	1515 - 1545	Travel to Classroom
	1545 – 1645	Assigned Reports/Daily Recap/Dismiss
<b>Thursday June 22nd</b>	0800 – 0815	Daily Review
	0815 – 0900	Guest Speaker/Assigned Reports
	0900 – 0945	Travel To San Antonio College/Scobee Planetarium
	0945 – 1200	Challenger Learning Center/Mars Mission
	1200 – 1330	Lunch

	1330 - 1400	Travel To Wyle Aerospace Physiology Facility
	1400 – 1530	Tour Wyle/Centrifuge/Altitude Chamber
	1530 - 1545	Travel to Classroom
	1545 - 1645	Assigned Reports/Daily Recap/Dismiss

Date	Time	Activity
Friday June 23rd	0800 – 0815	Daily Review
	0815 – 0900	Travel to San Antonio FAA ARTCC (Control Tower/Radar Facility)
	0900 – 1100	Tour of FAA ARTCC
	1100 - 1230	Lunch
	1230 – 1300	Travel to USAA Corporate Flight Facility
	1300 - 1500	Tour USAA/Corporate Aviation Briefing
	1500 - 1545	Travel To Classroom

	1545 – 1645	Complete Assigned Reports/Recap/Dismiss
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**Important Notes**

Student Drop-off and Pickup. Students will need to be dropped-off and picked-up daily at the Stinson Municipal Airport. Please see the address below.

8535 Mission Road  
San Antonio, Tx 78214

**Nearby Hotels**

Days Inn San Antonio South  
9403 Poteet Jourdanton Fwy  
San Antonio, Tx 78224.

Embassy Suites  
10110 US 281  
San Antonio, Tx 78216.

LaQuinta-Brooks City Base  
3180 Goliad Road  
San Antonio, Tx 78223.

Holiday Inn Express  
8222 City-Base Landing  
San Antonio, Tx 78235

**Graduation Ceremony**

A graduation ceremony will be held on Saturday, June 24th at the Stinson Municipal Airport. Parents and Friends are invited to attend. Ceremonies and orientation flights for ACE students only will begin at 9:00 AM.