OBAP HOUSTON SOUTH
ACE ACADEMY 2024

DATE: June 23rd - 28th

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About the OBAP Houston South 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 Houston South 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 Houston South 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 18 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

Sterling Avia on High School

11625 Mar ndale Rd

Houston, Texas 77048

Contact Informa on

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Houston South ACE Academy Director
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Date	Time	Activity
Monday June 3rd	1800 – 1900	Parent/Guardian Brief via Zoom
Monday June 23rd	0800 – 0845	Welcome/General Safety Briefing/Meet the Team Introduction/Ice Breaker Exercise
	0845 – 0900	(Host) Sterling Aviation High School Introduction
	0900 – 0945	Lesson: Importance of Aviation, STEM and our Future
	0945 – 1000	Break
	1000 – 1100	Lesson: Texas History of Flight & Pioneers in Aviation
	1100 – 1200	Lunch
	1200 – 1300	Travel to Ellington Airport
	1300 – 15:00	United States Coast Guard Air Station Tour
	15:00 - 15:30	Travel to Sterling Aviation High School
	1530 - 1600	Daily Review and Wrap Up
Date	Time	Activity
Tuesday June 24th	0800 – 0830	Daily Preview/Brief

	0815 – 0900	Lesson: Careers in Business Aviation
	0900 – 0915	Break
	0915 – 10:00	NBAA/STXBAA Presentation
	1000 - 1045	Break/Travel to Signature Flight Support for Tour
	1045 - 1145	Tour Ellington Airport Control Tower
	1145 - 1245	Lunch
	1245 - 1500	Tour Airport Fire Station
	1500 - 1530	Travel to Sterling Aviation High School
	1530 - 1600	Daily Review + Dismissal
Date	Time	Activity
Wednesday June 25th ***Southwest Airlines Day***	0800 – 0830	Daily Preview/Brief
	0830 - 0900	Travel to Hobby Airport
	0900 - 1500	Southwest Airlines Day (Hobby Airport Tour)
	*12:00 - 12:45	Lunch inside Hobby Airport
	1500 – 1530	Return Travel to Sterling Aviation High School
	1530 - 1600	Daily Debrief

Thursday June 26th	0800 – 0815	Daily Review
	0815 – 0915	Guest Speaker
	0915 – 0945	Travel to 1940 Air Terminal Museum
	1000 - 1145	Tour 1940 Air Terminal Museum
	1145 - 1230	Lunch
	1230 - 1300	Travel to Lone Star Flight Museum
	1300 - 1500	Lone Star Flight Museum Tour
	1400 - 1530	Travel to Sterling Aviation High School
	1530 - 1600	Daily Debrief

Date	Time	Activity
Friday June 27th	0800 – 0830	Daily Review
	0830 - 0915	Lesson: Character, Professionalism and Integrity in Aviation
	0915 - 0930	Break
	0930 - 1000	Travel to Houston Hobby Airport
	1000 - 11:30	Houston Hobby Airport System Tour (Behind The Scenes) Pt.1

	1130 - 1230	Lunch inside airport
	1230 - 1430	Houston Hobby Airport System Tour (Behind The Scenes) Pt.2
	1430 – 1500	Travel to Sterling Aviation High School
	1500 - 1515	Break
	1515 - 1600	Daily Debrief/Survey

Important Notes

Student Drop-off and Pickup. Students will need to be dropped-off and picked-up daily at 0745 and picked up no later than 1600 from Sterling Aviation High School. Please see the address below.

Sterling Aviation High School

11625 Martindale Rd

Houston, Texas 77048

Gradua on + Introductory Flights

When: Saturday, June 28, 2024
Where: Signature Flight Support, Ellington Airport
Time: 0800 Start
What: Houston South ACE Academy Graduation
More information will be provided closer to the graduatin date.

*Waivers will be signed prior to introductory flights