OBAP HOUSTON NORTH
ACE ACADEMY 2025

DATE: JUNE 23RD– 28TH

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8About the OBAP Houston North 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 Aerospace 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 North 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 North 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 students 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

United Airlines Maintenance Hangar X

4933 Wright Rd. Houston, Texas 77032

Contact Information

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Date	Time	Activity
Monday June 9th	1800 – 1900	Parent/Guardian Brief
Monday June 23rd	0800 – 0845	Welcome/General Safety Briefing/Meet the Team Introduction/Ice Breaker Exercise
	0845 – 0900	Break
	0900 – 0945	Introduction to Flight
	0945 – 1000	Break
	1000 – 1100	Lesson: History of Flight & Pioneers in Aviation Lesson
	1100 – 1200	Lunch
	1200 – 1245	Lesson: Aircraft Structure & Components
	1300 – 1600	Travel to Customs and Border Protection (Conroe)
	1600	Return Travel to United Airlines (Hangar X)
	1645	Daily Wrap-up and Dismissal

Date	Time	Activity
Tuesday June 24th	0800 – 0815	Daily Review
	0815 – 0830	How Air Traffic Control Works - video
	0830 – 1600	Travel to ATC Tower, Tech Ops, and TRACON with Lunch
	1600	Return Travel to United Airlines (Hangar X)
	1645	Daily Wrap-up and Dismissal
Date	**Time**	**Activity**
Wednesday June 25th	0800 – 0815	Daily Review
	0815 – 1015	United Airlines Aircraft and Maintenance Tour
	1015 - 1030	Break
	1030 - 1600	Travel to Bush Intercontinental Airport with Lunch
	1600 - 1615	Return Travel to United Airlines (Hangar X)
	1615-1645	Airplane Spotter Exercise
	1645	Daily Wrap-up and Dismissal

Date	Time	Activity
Thursday June 26th	0800 – 0815	Daily Review
	0815 – 1200	Travel to Lone Star Flight Museum
	1200 – 1300	Lunch
	1300 - 1530	Travel to Space Center Houston
	1530 - 1630	Return Travel to United Airlines (Hangar X)
	1630 -1645	Lesson: Aircraft Flight Instruments
	1645	Daily Wrap-up and Dismissal

Date	Time	Activity
Friday June 27th	0800 – 0815	Daily Review
	0815 – 0830	Travel to CommutAir
	0830 – 1130	CommutAir Experience
	1130 - 1230	Lunch
	1230 – 1430	CommutAir Experience
	1430 - 1445	Return Travel to United Airlines (Hangar X)
	1445 - 1515	Drone Demonstration
	1515-1615 1615-1645 1645	Aircraft Design Lesson and Challenge Graduation/Fly Day Briefing Survey, Wrap-Up, and Dismissal

SATURDAY JUNE 28TH GRADUATION/FLY DAY

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Important Notes

Student Drop-off and Pickup. Students will need to be dropped-off and picked-up daily at the United Airlines Maintenance (Hangar X). Please see the address below.

4933 Wright Rd. Houston, Texas 77032

Nearby Hotels

Hampton Inn & Suites Houston-Bush Intercontinental
15831 John F Kennedy Blvd., Houston, Texas 77032
*Free Breakfast

Staybridge Suites – Houston IAH Airport East
7195 Will Clayton Parkway, Humble, Texas 77338
*Free Breakfast

Sheraton Houston North
15700 John F Kennedy Blvd., Houston, Texas 77032

Double Tree Houston Intercontinental Airport
15747 John F Kennedy Blvd., Houston, Texas 77032

Graduation Ceremony

A graduation ceremony will be held on Saturday, June 28th

David Wayne Hooks Airport.
20803 Stuebner Airline Rd
Spring, Texas 77379

9am-2pm
Parents, Guardians, Friends, and Family are welcome to attend the ceremony and watch your student fly with a Certified Flight Instructor.