OBAP PHILADELPHIA ACE ACADEMY

2026 SCHEDULE OF EVENTS

DATES: JUNE 22ND-26TH, 2026

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About the OBAP Philadelphia 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 Philadelphia 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 Philadelphia 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 orientation before the program begins.

Primary Location

Mathematics, Civics & Sciences Charter School
447 N Broad Street
Philadelphia, PA 19123

Contact Information

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Schedule of Events

Date	Time	Activity
Monday June 15th	1800 – 1900	Parent/Guardian Orientation Brief (Zoom)

Date	Time	Activity
Monday June 22nd	0800-0900	Student Arrival / Administration / Material Issue
	0900-0920	OBAP ACE Academy Overview
	0920-0930	BREAK
	0930-1020	Instructor / Student / Volunteer Introductions
	1020-1030	BREAK
	1030-1055	Aviation History / Black Aviation Pioneers
	1055-1100	BREAK
	1100-1150	Aircraft Types / Parts & Pieces / Control Surfaces
	1150-1300	LUNCH BREAK
	1300-1350	Intro to Aerodynamics & Aircraft Instruments
	1350-1400	BREAK
	1400-1420	Drone Activity Introduction
	1420-1540	Individual Drone Assembly
	1540-1550	Wrap-Up/Summary

	1550-1600	Clean-Up / Release

Date	Time	Activity
Tuesday June 23rd	0800-0830	Student Arrival / Admin
	0830-1030	Drone Test Flights
	1030-1130	Transportation / Access to Boeing Facility
	1130-1200	Boeing Facility In-Brief
	1200-1330	LUNCH (Panel Discussion)
	1330-1530	Boeing Facilities Tour
	1530-1600	Return to MCS Charter School / Release

Date	Time	Activity
Wednesday June 24th	0800-0830	Student Arrival / Admin
	0830-0945	Transportation to FAA Technical Center
	0945-1000	Facility Access / Welcome Brief

	1000-1130	Facility Tour Part 1
	1130-1230	LUNCH BREAK
	1230-1445	Facility Tour Part 2
	1445-1600	Return to MCS Charter School / Release

Date	Time	Activity
Thursday June 25th	0800-0830	Student Arrival / Admin
	0830-0900	Transportation to Philadelphia International Airport (KPHL)
	0900-0930	Visitor Pass Issue / Security Checkpoint
	0930-1130	Ramp Tower / Operations Tours
	1130-1300	LUNCH BREAK
	1300-1330	Ground Operations Bus Tour
	1330-1430	Commercial Aircraft Tours
	1430-1630	Maintenance Hangar Tour
	1630-1700	Return to MCS Charter School / Release

Date	Time	Activity
	0800-0815	Student Arrival / Admin

Friday June 26th	0815-0845	Transportation to Northeast Philadelphia Airport (KPNE)
	0845-0915	Pilot Introductions & Safety Brief
	0915-1200	Discovery Flights / Mentoring Sessions
	1200-1300	LUNCH BREAK
	1300-1500	Discovery Flights Mentoring Sessions
	1500-1530	Graduation Ceremony
	1530-1600	Return to MCS Charter School / Release

Important Notes

Student Drop-off and Pickup. Students will be dropped-off and picked-up daily at the **ACE Academy Primary Location**. Please see the address below:

Mathematics, Civics & Sciences Charter School
447 N Broad Street
Philadelphia, PA 19123

Graduation Ceremony

A graduation ceremony will be held on **Friday, June 26th at the Aviation Institute of Maintenance located at the Northeast Philadelphia Airport** at **3:00 PM**. Parents & Guardians are welcome to attend the ceremony. Please see the address below:

Aviation Institute of Maintenance
3001 Grant Ave
Philadelphia, PA 19114