

YOU
CAN
FLY



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NGAP GLOBAL SUMMIT
SHENZHEN, CHINA

DEFINING THE OPPORTUNITY

A CONFLUENCE OF FACTORS IS CREATING AN ALL-TIME HIGH DEMAND FOR MANNED AND UNMANNED PILOTS.

Boeing anticipates a doubling of the commercial aircraft fleet in the next two decades.

Shortages of aviation professionals mean exceptional opportunities for students.

Industry analysts have named drone pilots as one of the fastest growing job markets.

As more companies and industries look to UAS to improve their businesses, capable and licensed pilots are in increasing demand.

THERE HAS NEVER BEEN A BETTER TIME FOR YOUNG PEOPLE TO ENTER THE AVIATION INDUSTRY.

WHY AVIATION?

WORLDWIDE AVIATION WORKFORCE NEEDS 2018-2037

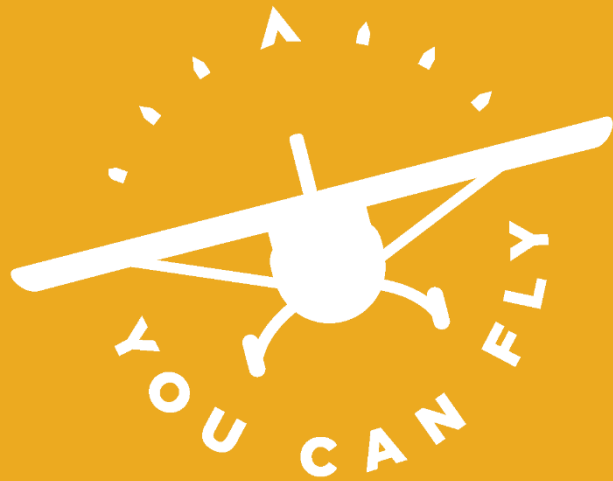


PILOTS
790,000



TECHNICIANS
754,000

Source: 2018 Boeing Pilot and Technician Outlook



YOU CAN FLY is a collection of engaging, donor-funded initiatives designed to reach pilots, and future pilots, at key moments in their journey.

Get people flying, and keep them flying. That's the mission of AOPA's YOU CAN FLY program – and it's off to a powerful start.

**DISCOVERING
AVIATION**

**LEARNING
TO FLY**

**SUSTAINING
ENGAGEMENT**

**RETURNING
TO AVIATION**

High School

Flight Training

Flying Clubs

Rusty Pilots



HIGH SCHOOL INITIATIVE

INTRODUCING STUDENTS TO CAREERS IN AVIATION

Through AOPA's High School Aviation Initiative, students are getting the chance to explore exciting aviation career opportunities using science, technology, engineering, and math (STEM).

Through curriculum, scholarships, and events for educators, AOPA is preparing students for careers in flying and unmanned aircraft systems/drones.

WHY AOPA?

With hundreds of thousands of members spanning 75 countries, AOPA represents the world's largest community of aviators. It's our goal to put the sky within reach of everyone who dreams of flying.



AOPATM

your freedom to *fly*

HIGH SCHOOL AVIATION STEM CURRICULUM



Introducing **students to careers** in aviation and aerospace through a rigorous four-year STEM-based aviation curriculum.

Courses fall along two pathways – flying and drones.

Curriculum is made **available to any high school for free.**

Each pathway includes an industry credential (FAA written exam) and includes hands-on projects to build career—ready skills.

HIGH SCHOOL AVIATION STEM CURRICULUM

The curriculum includes all materials a teacher needs:

- Lesson plans
- Presentations
- Hands-on student activities
- Student projects
- Student assessments
- Teaching aids
- Simulation scenarios

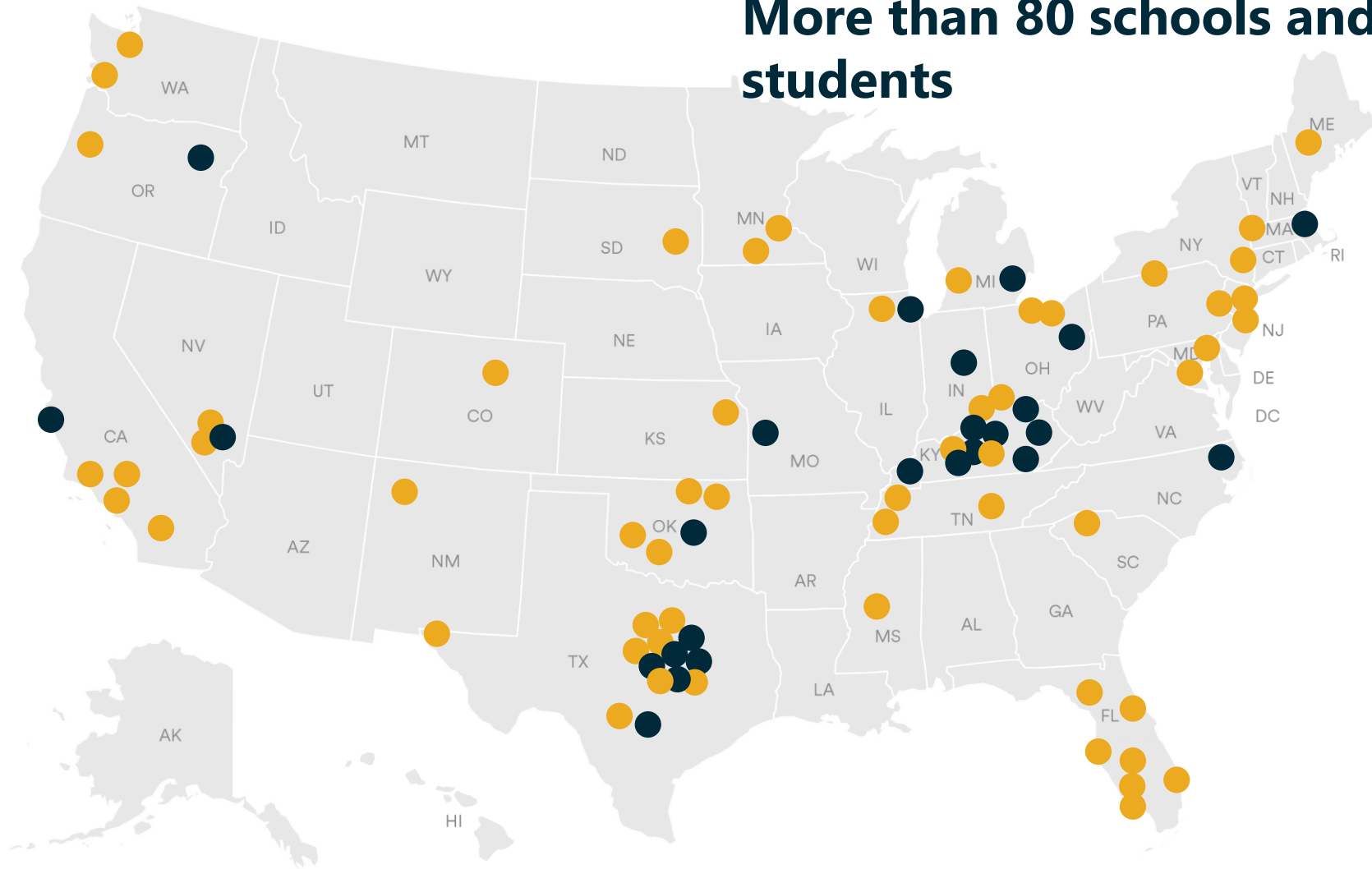


GRADES 9 AND 10 PARTICIPATION

More than 80 schools and 2,500 students

Grade 11 – coming 2019
Grade 12 – coming 2020

- = **GRADE 9 PARTICIPATION 2018-19**
- = **GRADE 10 PARTICIPATION 2018-19**



HIGH SCHOOL AVIATION STEM SYMPOSIUM

Each year, AOPA hosts a symposium that brings together educators and administrators to learn more about starting or growing a high school aviation program, share best practices, and learn about AOPA's high school curriculum.

- Speakers
- Special tours
- Exhibitors
- Networking

More than 300 people take part in the event, which is held in a different location each year.



HIGH SCHOOL FLIGHT TRAINING SCHOLARSHIP PROGRAM



THE NUMBERS	
66	2016-18 WINNERS
\$332,00	AWARDED
019	SOLOED
19	PRIVATE PILOTS
2	IFR
1	COMMERCIAL



“ We’ve made a meaningful start. We’ve proven the You Can Fly program works. Now it’s time to work together to turn the early successes into lasting ones. ”

— Mark Baker, AOPA President and CEO

