

A large, light gray watermark of the AOPA logo is centered in the background. The logo features a stylized airplane silhouette with the letters 'AOPA' in a bold, sans-serif font. A small 'TM' trademark symbol is located to the upper right of the logo.

AOPA High School Aviation Initiative

Cindy Hasselbring, Sr. Director, High School Aviation Initiative, AOPA

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Why Aviation/Aerospace?



HIGH SCHOOLS
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North American Workforce Needs 2016-2035



Pilots
112,000



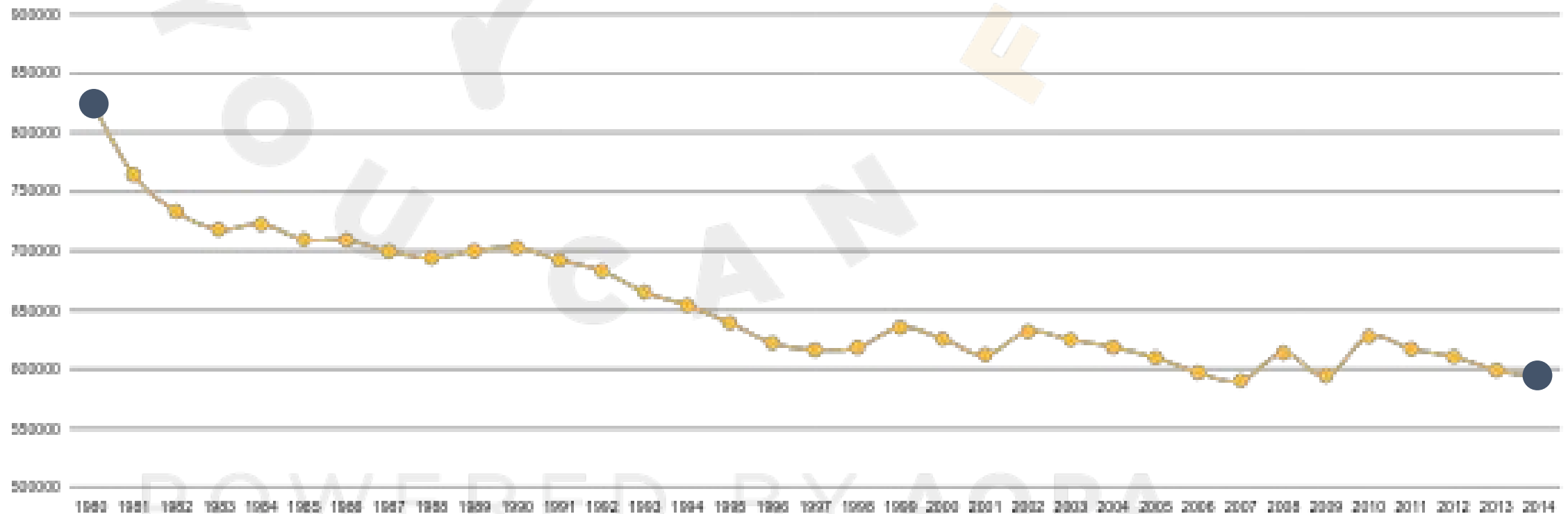
Technicians
118,000

Source: 2016 Boeing Pilot and Technician Outlook

Active Certificated Airplane Pilots, US

1980 827,071 Active Pilots

2014 593,499 Active Pilots



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Goal of AOPA High School Aviation Initiative

Increase student awareness of and engagement in career opportunities in aviation and aerospace

- Increase the number of high school aviation STEM programs around the country
- Improve and expand current high school aviation STEM programs

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Aviation STEM Curriculum Pathways

- Pilot
- Aerospace Engineering
- UAS (drones)



Students in flight training, West Michigan Aviation Academy, Grand Rapids, Michigan



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Timeline of AOPA aviation STEM curriculum

Early March 2017	Course outline, descriptions, field test applications provided to high schools
March 31, 2017	Field test application due
Late June 2017	Field test teacher professional development
Fall 2017	Begin field test for first year course(s)
Fall 2018	First year course(s) ready for implementation



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Cross country flight planning, Raisbeck Aviation High School, Seattle, WA

High School Flight Training Scholarships

- 20 scholarships for \$5,000 each
- Current high school student
- Ages 15 to 18
- Training for initial pilot certificate
- Deadline May 19, 2017

<https://youcanfly.aopa.org/scholarships>



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High School Aviation STEM Symposium



Location C.R. Smith
Museum,
Dallas, TX
November 6-7, 2017



<https://youcanfly.aopa.org/high-school/symposium>

Contact Information

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Thank you!!



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<https://youcanfly.aopa.org/high-school>