



STEM AVIATION ACADEMY

California non-profit public benefit corporation (501c3)

Thank You to our Sponsors!

Federal Tax Id #
92-3925311

Commercial aviation will need 649,000 pilots, 690,000 technicians and 983,000 cabin crewmembers over the next 20 years.*

By exposing today's youth to aviation, STEM Aviation Academy is addressing this crisis head-on by filling the gaps in the aviation industry through education and safety training.

Our Mission

Our mission is to create positive experiences in general aviation and inspire America's youth to pursue careers in Flight Operations while also promoting a culture of aviation safety within the pilot community.



Airport Tours

Field trip programs are geared towards elementary school, middle school, and high school students.



Familiarization Flights

Familiarization flights in Cessna 172 or Cirrus SR20 aircraft for qualified high school students.



Simulator Training

Students engage in full-motion flight simulator sessions.



Safety Seminars

Safety training for general aviation pilots and qualified high school students.

*Boeing Company forecast in the Pilot and Technician Outlook 2023-2042 (released July 25, 2023).



Contact Us



760-707-7105



info@stemaviation.org



2006 Palomar Airport Road, #103
Carlsbad, CA 92011



stemaviation.org



California Non-Profit Public Benefit Corporation (501c3)

What's Our Why?

Most schools lack aviation programs, leaving students unaware of career opportunities in this arena. Early exposure to aviation can inspire students to pursue these fields. Aviation education also integrates STEM (Science, Technology, Engineering & Mathematics) concepts, making them more practical and exciting.

By targeting middle and high school students, STEM Aviation Academy works to promote diversity and inclusion. We aim to break down barriers and create opportunities for students from all backgrounds to explore exciting aviation careers.

Corporate sponsors and donors are instrumental in our efforts to fund life-changing programs for our school kids.

Thank you!

Federal Tax Id # 92-3925311

We Offer

- 📍 **Airport Tours**
- 📍 **Familiarization Flights**
- 📍 **Flight Simulator Sessions**
- 📍 **Safety Training & Seminars**

- Students have in-depth guided tour of KCRQ or KSEE Airports which last 120 minutes.
- Tours cover various areas of the airport, such as Fixed Based Operators (FBO), hangars containing many aircraft, flight schools, flying clubs, and maintenance facilities.
- Students have the opportunity to learn about the different roles and functions within the aviation industry and meet professionals such as pilots, mechanics, air traffic controllers, and airport management personnel.
- Students also engage in flight simulator sessions which last 10 minutes per person.
- Qualified HS students receive familiarization flight in GA aircraft which last 20 minutes per person.

Contact Us

📞 760-707-7105

✉️ info@stemaviation.org

📍 2006 Palomar Airport Road, #103
Carlsbad, CA 92011
stemaviation.org

