

Junior Achievement of Southern California has been given the opportunity to offer **6 students and 2 alternates** with scholarships to the interactive learning adventure of a lifetime, compliments of Delta Air Lines. This is a 6-day overnight camp in Pensacola, FL from **June 17th – June 22nd, 2018** and the Delta Air Lines scholarship extends only to tuition to the National Flight Academy. Parents will be responsible for coordinating and funding travel expenses to and from the National Flight Academy in Pensacola, FL. We have also been asked to choose two alternate students who will be placed on a wait list in the event that any of the seven primary students cannot attend. Early arrival and airport pick up/drop off at Pensacola Regional Airport is available for an additional charge. Participating students must be rising 7th through rising 12th grade students.

WHAT WE NEED:

- 1) Students to submit an essay (250-350 words) telling us why they should be selected and how it would benefit them to participate. (**Deadline for submission is March 1st**). Please submit essays to Cindy Barakhyan sbarakhyan@jasocal.org at Junior Achievement. Selection of winners will be made by JA staff and you will be notified.
- 2) **IMPORTANT Please include with your essay:**
 - a) Student First and Last Name, School, Grade level, phone number and email.
 - b) Parent contact info: First and Last Name, phone number and email.
 - i) Confirmation that you will be available to participate **June 17th – June 22nd, 2018**
 - c) Confirmation that you and your parents will be able to coordinate and fund travel expenses to and from the National Flight Academy in Pensacola, FL.

WHAT WILL BE PROVIDED?

1. Program cost (Participation in the AMBITION six-day deployment \$1,250 per student, compliments of Delta Air Lines)
2. Housing
3. Meals
4. Instruction and access to state-of-the-art technology.

More information on the National Flight Academy Below.

What is the National Flight Academy?

The [National Flight Academy](#) is an interactive, immersive learning adventure that focuses on inspiring youth to take a greater interest in Science, Technology, Engineering and Mathematics (STEM). The NFA was created to address the serious concerns of declining STEM skills and standards in our country.

Located on Naval Air Station Pensacola, the NFA is an educational program authorized – but not financially supported – by the United States Navy. Built solely with private funding from corporate sponsors and community partners, the NFA opened in 2012 with the mission to engage and inspire students to pursue challenging STEM-related coursework. The NFA falls under the umbrella of the National Naval Aviation Museum Foundation, a not-for-profit 501(c)3.

Since inception, over 10,000 students from 50 states and seven countries have experienced the unparalleled learning adventure aboard *AMBITION*, a state-of-the-art program housed onboard a 100,000+ square foot virtual aircraft carrier. Attendees – known as *AMBITION* Experimental Pilots or AXPs – plan missions with ultramodern, advanced technology, learn to fly in 42 networked flight simulators, eat on mess decks, sleep in staterooms and receive mission briefings in six fully

electronic ready rooms. Mission planning is conducted in Joint Intelligence Centers (JICs) using modern interactive learning technology. The missions flown are humanitarian in nature and do not involve weaponry.

[Take a Virtual Tour of the National Flight Academy \(Video\)](#)

[Testimonials From Our Graduates \(Video\)](#)

The AXP's are challenged on a wide range of topics from basic three-dimensional physics and motion to more advanced concepts of aeronautical engineering and propulsion systems. These missions all play into enhancing the students' education, ultimately enriching their understanding of STEM principles. In addition, by working in a team-training environment, the NFA adventure is also designed to emphasize workforce skills such as leadership development, effective communication and critical thinking. At the NFA, we have found that by placing students in a real-world scenario they become far more skilled at manipulating numbers, equations and scientific theorems, deciphering mathematical puzzles, identifying patterns and finding self-confidence in their own ability to problem-solve. Participants show a measurable increase in knowledge of STEM principles after completing our program.

Six-Day Deployment

The NFA's capstone program is a 6-day, 5-night Deployment for 7th to 12th grade students. The program begins on Sunday at noon and ends on Friday at noon with a graduation ceremony. While living aboard the *AMBITION*, AXP's are enveloped in a virtual world – the centerpiece of which is the X-12B Triad experimental aircraft powered by Lockheed Martin's Prepar3D simulation software. AXP's apply science and mathematics skills while planning missions utilizing large SMART boards powered by Google Earth technology. Mission scaffolding is utilized, making each assignment more challenging than the one before.

Participation in the *AMBITION* six-day deployment is free to participants of this scholarship and includes all aspects of the experience – housing, meals, instruction and access to state-of-the-art technology. This cost will be covered by Delta Air Lines. Parents or participating organizations will be responsible for coordinating and funding travel expenses to and from the National Flight Academy in Pensacola, FL. Early arrival and airport pick up/drop off at Pensacola Regional Airport is available for an additional charge.

We look forward to having your students apply. If you have any questions, please contact me.

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