



"Make the Skies Your Playground"



Letter of Introduction

Name: *Youth Inspiration Nation Inc.*

Executive Director: Zac Woonsam

Address: 1050 Lakes Drive, STE 225
West Covina, CA 91790-2910

Organization Type: Nonprofit under IRS section code 501(c)3

EIN #: 82-0968062

Area of Focus: Aviation Education / STEM

Project: *Aviation Education 4 Kids Workshop*

Target Audience: K-12

Program Budget: \$165,000

Program Timetable: 2020-2021 School Year



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Program Summary

Greetings,

Mission:

My name is Zac Woonsam, Executive Director of *Youth Inspiration Nation Inc.* Our organization's mission is to provide motivation, inspiration and education through aviation. The goal is to show kids the power of STEM and all of the limitless possibilities that come along with it. We use aviation as our educational tool. We teach kids the fundamentals of flight, the science behind keeping an aircraft in the air, the recognition of distinct types of weather phenomenon, test their engineering skills with building activities and actually teach them how to fly in static and full motion flight simulators. Aviation education improves focus, builds self-confidence and exposes kids to a multitude of STEM related professions.

About Our Organization:

Founded in 2017, *Youth Inspiration Nation* was created to serve the most vulnerable and impressionable sector of our society, children and teenagers grades K-12, with the majority of our focus on elementary school students. Our organization wants to share the beauty and the science of aviation. We have dedicated ourselves to helping our Title 1 schools by providing low to no cost, high impact aviation after school programs for elementary school students.

Problem:

Careers in aviation are expected to be one of the most in-demand over the coming years. According to Boeing, over the next two decades the **global demand for aviation professionals will reach over 790,000** for pilots and 609,000 for technicians.



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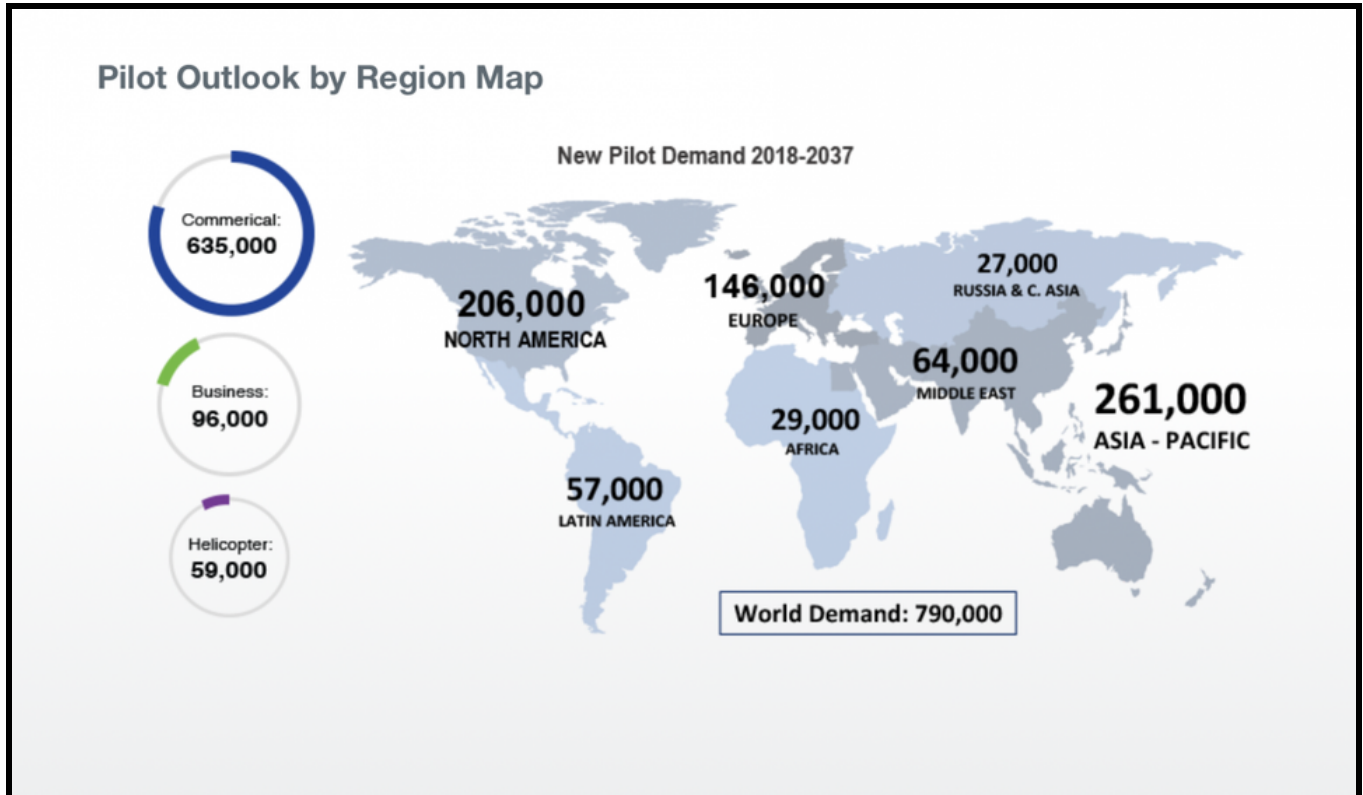


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Ensuring all children and youth thrive as they move through school and into their adult lives requires that they have the opportunity to develop the skills and competencies that will help them land their first job, navigate and overcome the challenges, keep positive relationships and make good decisions. Aviation has the ability to hold their attention, build self-confidence, and exposes them to a multitude of STEM related, high paying jobs within the transportation industries. Companies are innovating to help people and goods move around an ever more crowded world. Today's youth will be part of the workforce developing ways to make these innovations perform more cleanly and efficiently by 2040.



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Our Program:

Youth inspiration Nation has designed an aviation program for primarily 5th and 6th grade students. For eight weeks, twenty young aviators will attend our program. Our workshop uses video demonstrations, STEM robots, models, games and flight simulators to teach kids about the wonders of aviation. By the time our workshop comes to a close, our young aviators will have picked up math, physics, communication and navigational skills that any flight instructor would be proud of. We teach our students how to "Make the Skies Your Playground!"

At the end of our program, each student will earn actual documented flight time, courtesy of the CFI's (Certified Flight Instructors) from MT. SAC's Aeronautical Department and aviation professionals from our nearby airports.

Throughout the year, our organization will travel from school to school providing full-throttle aviation presentations for kids in Southern California. You never know where or when the spark of inspiration will set your future on fire. We hope that with our program, we're able to change the trajectories of some young lives. Elementary school is where foundations are laid and impressions are made.

Through the use of our unique aviation program, 5th and 6th grade students will learn how to fly an airplane before they learn how to drive a car. We can prove that these kids can take the skills learned on our simulators and apply them in a real aircraft. The purpose of the program is not to get everyone in a real airplane, the purpose is to show these kids what they're actually capable of accomplishing. This will inspire more kids to pursue classes and electives that are STEM related as they move through Jr High, High School and beyond.



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Not everyone is going to be a pilot. Not everyone likes to fly for a number of reasons. This workshop will not cure that, but it will bring some enlightenment to this fascinating industry. These aviators will never look at the sky the same way again. They will gain a greater knowledge of what's going on in the environment around them. For those young aviators that are so inclined to pursue this profession, as they grow, we will help them to achieve their Private Pilot's License, all the way up to Air Transport Pilot (ATP) if they wish.

We would be honored to have your support. Together, we believe that we can change lives by demonstrating the different opportunities that are available in the aviation and transportation industries. We look forward to sharing these opportunities with families throughout our communities. Thank you so much for taking the time to learn more about *Youth Inspiration Nation*. Take care and have a great day!



Sincerely,
Zac Woonsam
Executive Director
Youth Inspiration Nation Inc.



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