

Lookout Aerospace Scholarship

Reward:

One student will be chosen per year to receive a one-time \$500 before the start of the student's first college semester. This student will also receive continuous guided mentorship from a current aerospace professional throughout the student's college career.

Background:

In the year 2012, 77 orbital rockets were launched to space successfully. By 2021, this number nearly doubled as 146 launches reached space, including the first classes of astronauts flown in the USA in a decade. In the next 10 years, we will see thousands more flights including the first human return to the Moon since 1972, and potentially the first humans to ever land on Mars. As the world moves faster into bringing our technology and people further into space, the excitement for this industry grows exponentially. However, despite Kentucky being one of the main exporters of aerospace hardware in the country, there are limited opportunities to work and learn about this exciting industry in the state of Kentucky.

The name *Lookout* comes from the 1893 Kentucky Derby winning horse, that "Won it grandly... sweeping under the wire untouched by whip or spur". Lookout was a horse that won purely of its own spirit and grit, making it one of the most unique (and Kentuckian) horses to have ever won this prestigious race. The objective of this scholarship is to inspire Pendleton County High School students to pursue careers in aerospace engineering, bringing more Kentuckians - and the spirit and grit that accompanies them - to this exciting and ever-growing field.

Requirements:

Applying students **will**:

- Write an essay, of 500 words or less, on why space exploration is important to the future of humanity.
- Write a brief essay, of 200 words or less, on why space is a passion for you.
- Include a resume, with prospective college major, address, email, and phone number
- Be a senior at PCHS and a prospective engineering student or similar field