



**STEM**

OPPORTUNITIES IN AVIATION & AEROSPACE



# Live Laugh Lithium

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Hello there, I am live, laugh, lithium, the only true alternative propulsion method that we should be advancing for aviation. I'm here to talk to you about the benefits of electric aircrafts, and how it can be the future of the aviation industry.

When it comes to electric propulsion, it provides lower direct emissions. So you're not actually producing the those nasty greenhouse gases that you would get normally with current aviation flights. Battery technology also provides reduced noise, which means quieter takeoff and landings, and which will make better communities living next to an airport won't be keeping you up at night. We can also minimize habitat disruption as well. With the gradual warming of current aviation fuels, migration of birds and other foreign animals will not be disrupted as it should be by artificial use. When it comes to batteries, we are reducing greenhouse gases and air pollutions, so you can know that you can breathe the air cleanly.

There are other considerations when it comes to electric propulsion as well. If we take a look at the infrastructure requirements at an airport, electric propulsion provides less disruptive infrastructure and more flexibility for fueling. The movement of battery locations can also be to a higher safety standard than current conventional fuels where there are requirements of storing it at a safer distance, which means longer times for fueling, which in turn leads to higher turnarounds for aircrafts. Battery Power can also be safer for ground handlers.

With other experimental fuels, there are other safety considerations that can put them at harm's way. And if we look at the operating cost, it's also cheaper to charge electric aircrafts rather than fueling them at higher quantities and for higher demand. And when it comes to systems themselves, we have lower maintenance. That is a simpler design than fossil fuels. And it's open to innovative designs which means more adaptable aircrafts than conventional aviation, who wouldn't like flying taxis over their homes?

So this these are these are the pros of live loft lithiums electric propulsions and we hope that you choose the right method for the future.