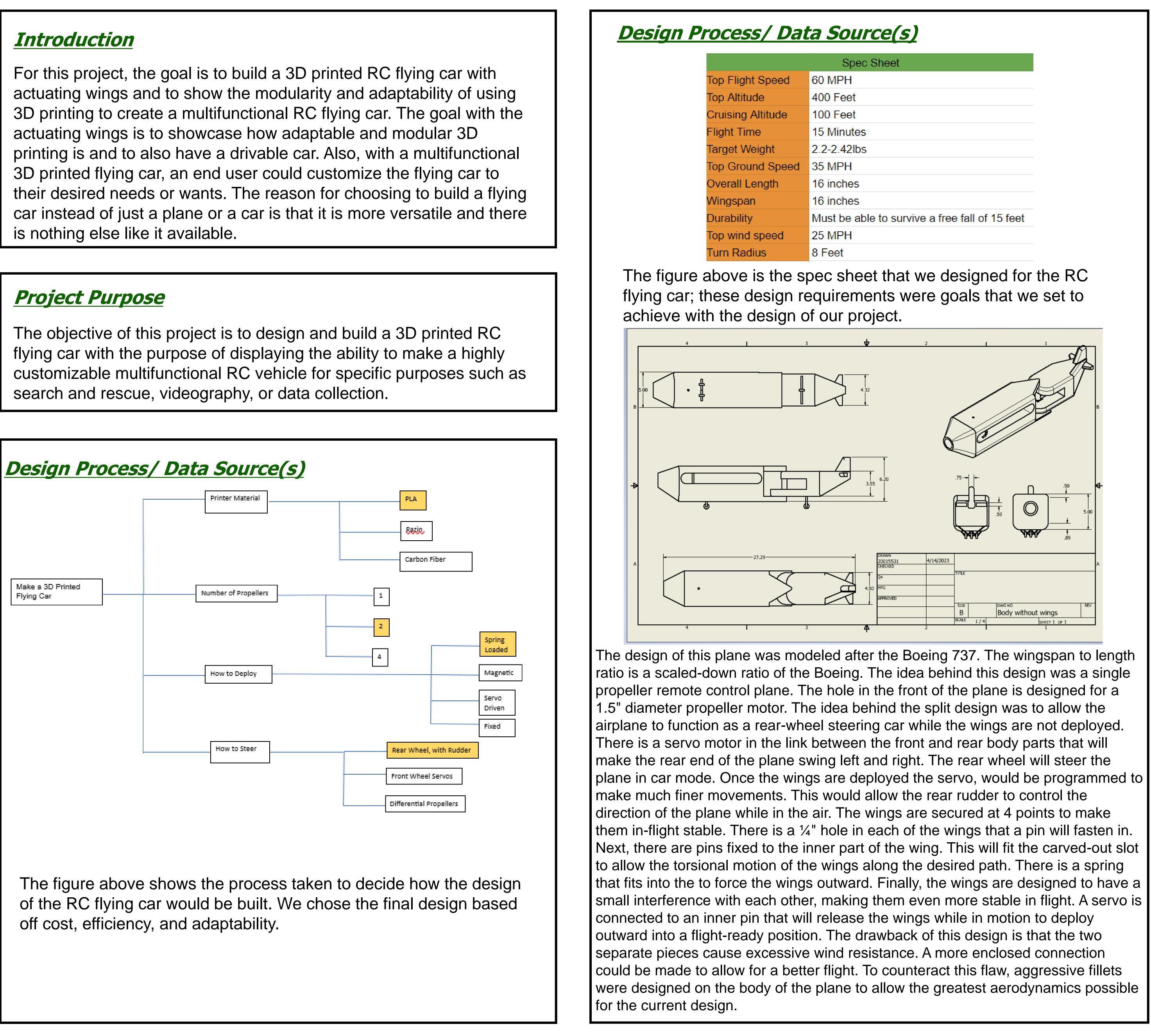
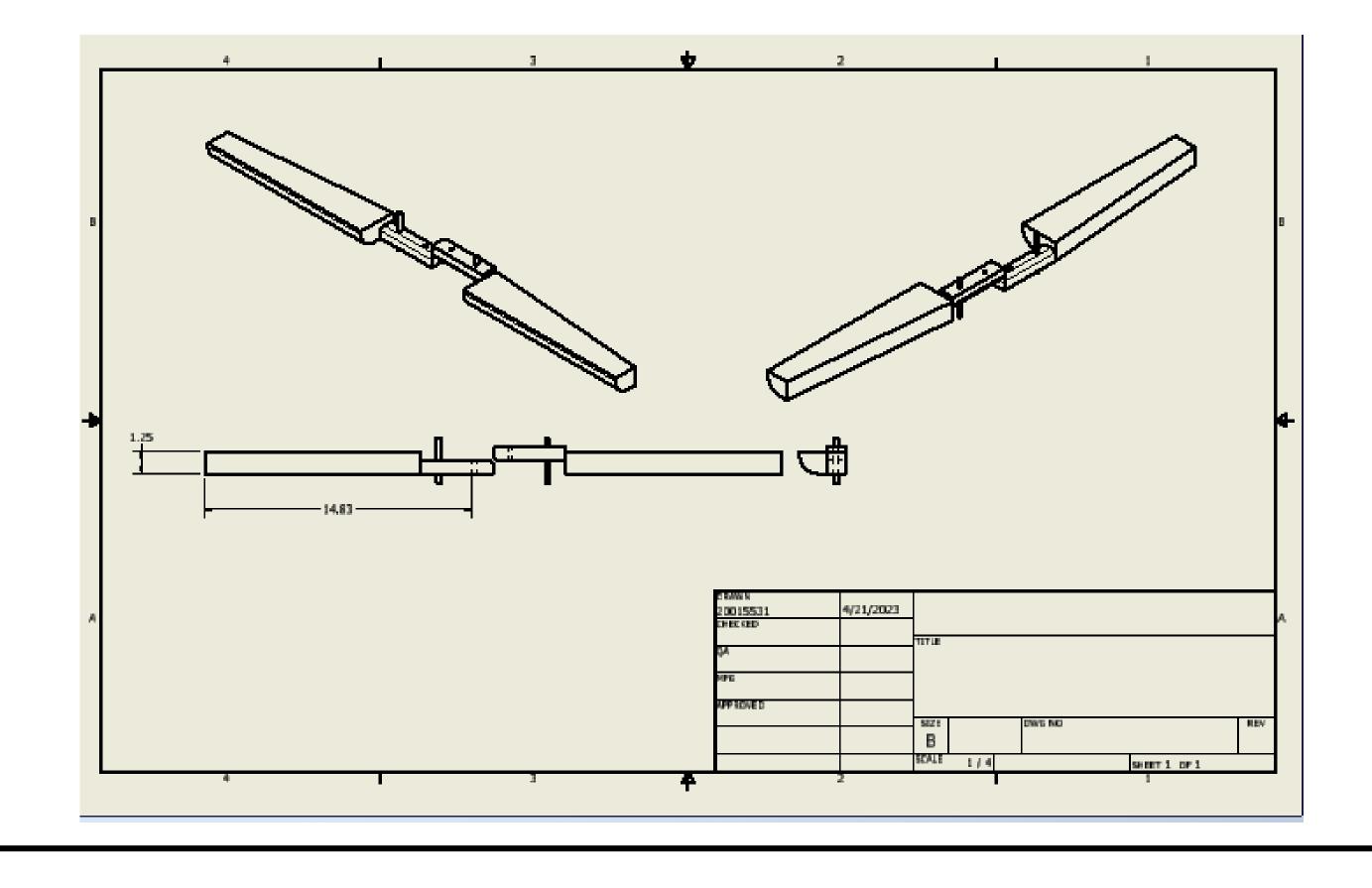
RC Flying Car Andrew Hood, Ethan Jacobs, Nicholas Jones, Joshua Phifer



Discussion

Without the RC flying car not being completed we weren't able to conduct any testing on it, however there still some things we can take away with what we have done. First, having access to a 3D printer with a higher resolution would make it easier to print higher quality parts, which would provide better tolerancing of parts and flight characteristics for the RC flying car. Another thing that was found was how the electronics for RC vehicles do not have a one size fits all solution. Also, depending on the wanted specs of the vehicle, the electronics could be the best way to adjust and get the desired specs.



<u>Conclusion(s) / Implication(s)</u>

The 3D printed RC flying car highlights a significant advancement in the field of additive manufacturing. Our design showcases the potential of 3D printing and RC flying technology to create innovative and practical solutions to real-world problems. We believe that this technology has the potential to transform the way we travel and explore the world around us. The possibilities of this innovation with the help of additive manufacturing are endless, with the goal of the project being set to display the adaptability of 3D printing, the implications of this could range from advancements in surveying, photography, and search and rescue. If we were to do this project again, we would change a few things. We could make the plane more aerodynamic by using the wind tunnel and researching wing designs to maximize lift. We would also find ways to make the body lighter and produce less drag.

