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# GIANT RC AIRPLANE

A PROJECT BY COVENANT



## THE UNION BETWEEN MECHANICS, ELECTRONICS AND PROGRAMMING

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Without a doubt, this was one of my favorite projects that I did throughout my career. For me, this project was the perfect opportunity to combine my mechatronics knowledge with my great passion for the world of aviation. The result was a UAV with the ability to fly and carry up to 12 kilograms.

Thanks to this project I was able to appreciate the importance of teamwork and good communication

### WHAT'S INSIDE THIS PROJECT?

- 3.5 meter long RC airplane
- Maximum Take off weight (7 kg)
- Laser cut wooden structure
- Gasoline motor
- Use of Pixhawk controller for manipulating the aircraft