Resy the Fire Pigeon

Specs:

Uses Arduino Uno as brain

ESP32 to control the servos

MPU6050 to control Gyro and motion sense

Each wing is approximately a foot long

The body is approximately 6” x 6”

The body and wings is made of wood

The wings stay connected to the body using screws

The body is held together with hot glue and wood glue

The wires are attached to the wings using zipties

The drone uses WiFi to connect to a controller to fly

How to operate on next page.

How to Operate:

Resy can be controlled using the online controller available on his website.

To control Resy:

Up = Acceleration upwards

Down = Acceleration downwards

Left = Dips to the left

Right = Dips to the right