

Power
 (1200mA if lithium, 600mA if not)
 2x9v powersupply (PS)

Switch

F

T

Ground

Polulu
12v

Polulu
6v

ESC 30A UGS :
RB-Son-07

Arduino

P1

C X3 = 100 uf

P2

ES BLDC

S
e
r
v
o
1

S
e
r
v
o
2

S
e
r
v
o
3

F= fuse box (fuse .5A)
 T= Trasmitter red light RB-Vel-126
 Arduino =Uno rev 4 wifi
 Servo = MG995
 Es BLDC = RM-ESMO-0J6
 C = Capacitor 100 uF
 Servo 1 = Red at PS +, Brown/black at PS -, Orange PWN Arduino pin 9
 Servo 2= Red at PS+, Brown/black at PS - . Orange PWN Arduino pin 10
 Servo 3 = Red at PS+, Brown/black at PS - . Orange PWN Arduino pin 11
 ESC = black (ground pin from Arduino), white pin 5 arduino. Red PS+ than + to 5v on Arduino.
 P1= Potentiometer bldc= left side on PS+), Right side PS-, middle to A0 from Arduino
 P2= potentiometer servo ½ = Left side On PS +, right side PS -, middle to A1 from arduino
 = maybe if better since the (I) will be split if I attach in parallels and I will need more power and another polulu probably.

