Back to Starting Point

1. RC Mimicking working
   1. Need PWM periods to match
   2. Once this is working, this can start the engine
2. Figure out of BEC is good or replace
3. Buy new helicopter controller + transceiver
4. Power Source
   1. Need to create a source that can split between and Shield (Servo power) and Arduino board power

Power Generation

1. Design rectifier Circuit
2. Relay switch between ESC and motor and motor and rectifier circuit
3. Get arduino to read tachometer and get input
4. Implement onboard Arduino PID control to match engine speed and motor desired speed
5. Charge battery