# Electrics Eagles Software Install / Usage

Manual

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For making this tutorial we need:

PC with Windows 7/8/8.1 or 10 installed on it.

As least 4GB RAM

**Internet Access** 

1GB free space on hard drive for PC

Intel Pentium B815 or AMD Equivalent .

7Zip

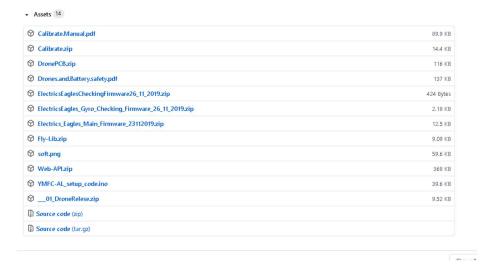
Opera/Chrome/Firefox

PC Skills such as Open browser , unpack files, and Install Programs

Arduino IDE 1.8.12 and higher

A 1 hour 30 minutes free time

Clone all software you need. Do it manually or clone one big pack is doesn't matter.

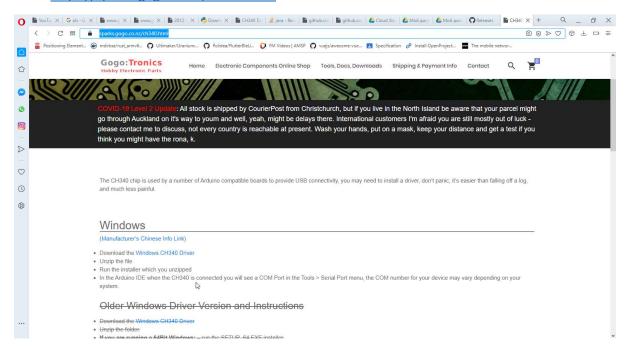


Unpack the big pack if needed.

After it Install the IDE by clicking to <u>ElectricsEaglesIDEV1 Setup ENG 24 11 2019.exe</u> and the install window will be displayed. Install by Next -> Finish method.

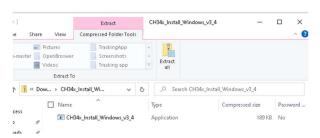
Next is installing CH340 drivers.

Go to https://sparks.gogo.co.nz/ch340.html



Click Windows CH340 Driver.

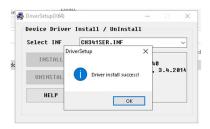
Unzip file and Run CH340\_Install\_Windows:



### Press Install:

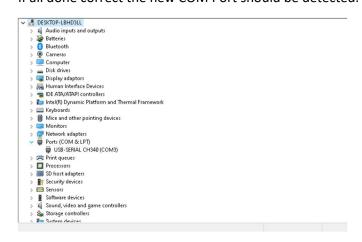


Wait while success window displayed:



## Reconnect the Drone to PC

If all done correct the new COM Port should be detected.

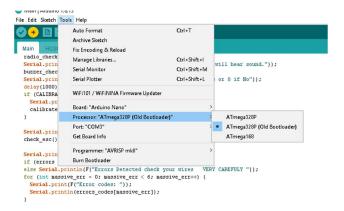


Next step is unpack the <u>ElectricsEaglesCheckingFirmware26 11 2019.zip</u>.

Open the Main.ino file via Arduino IDE



Select Correct Arduino IDE Board and after it press Ctrl+U to upload code.



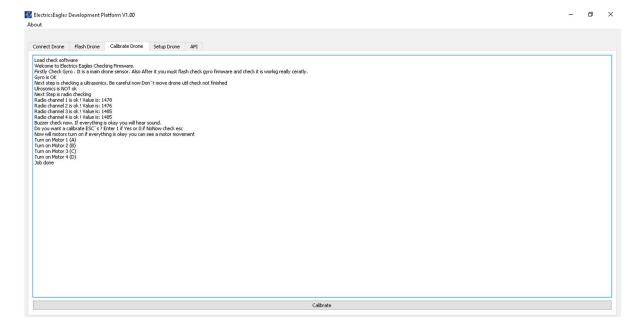
After Uploading code disconnect the Drone from computer.

After open Electrics Eagles IDE and select connect options and press connect .

(Options COM-Port Watch in Device Manager) (Baudrate:9600)



After It go to Calibrate Drone option and press Calibrate option. Let your drone stationary and wait.

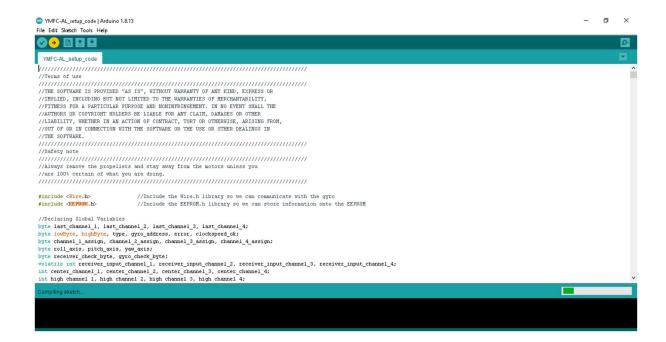


Disconnect Drone from PC and connect it again .

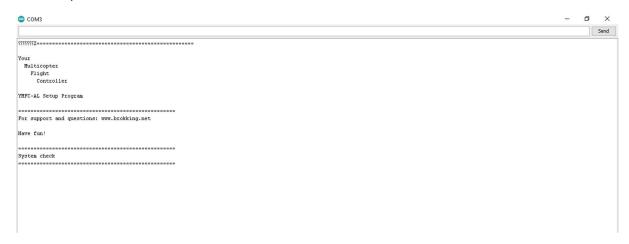
After It open the YMFC\_AL\_calibrate\_code.ino if Arduino IDE



And also press Ctrl+U for flash drone.

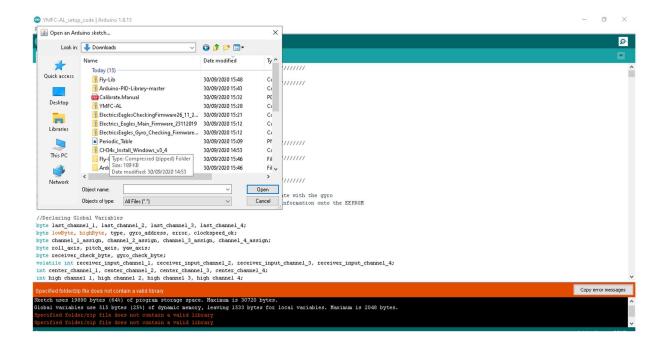


After it open the Serial Monitor and follow the calibrate instructions on screen calibrate drone .

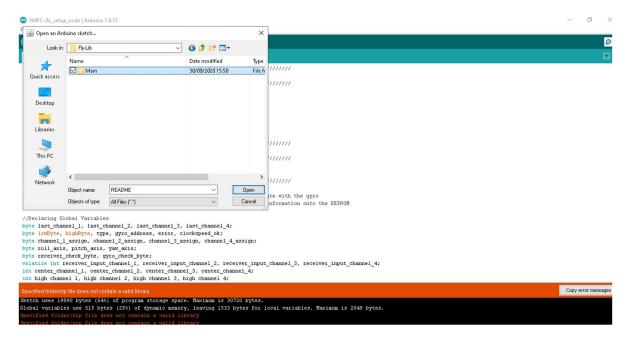


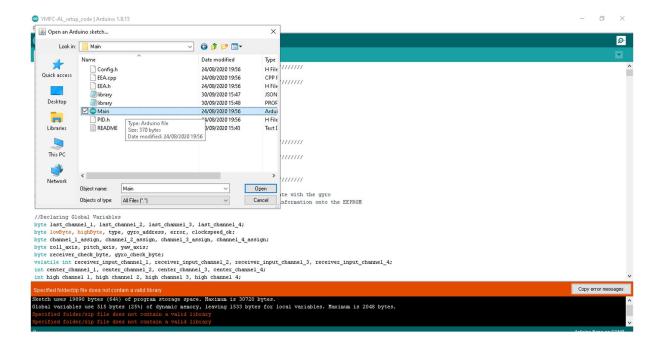
After it open / downland Fly-Lib.zip and unpack it.

After it open Arduino IDE File -> Open and select path to ino file



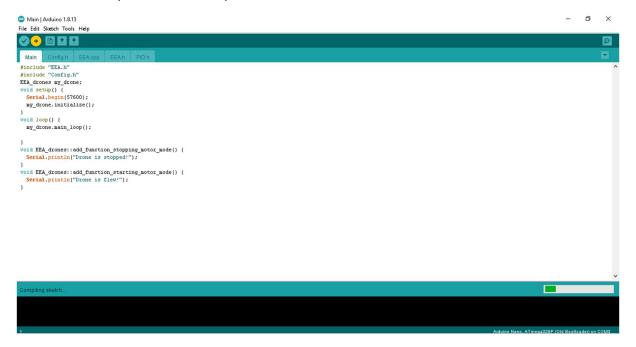
## And





# And press Open

After It last time press Ctrl + U to upload code to Drone controller.



And enjoy flights.