**Hi Folks,**

due to the fact that it is Chrismas now, I think I have a nice present for all of you who are interested in aircrafts. Over the last four years I developed my own “Six-Pack” with the most important instruments which are in a plane. And … if you also use a cheap Multiwii quadrocopter flight control and a GPS connected to my software then they also will work. I have tested my instruments several times when I flew with my best friend in his Cessna 152. All the instruments are drawn by me using Corel Draw. It took me a lot of time but I think the results are [pleasing](http://dict.leo.org/ende/index_de.html#/search=pleasing&searchLoc=0&resultOrder=basic&multiwordShowSingle=on) [to](http://dict.leo.org/ende/index_de.html#/search=to&searchLoc=0&resultOrder=basic&multiwordShowSingle=on) [the](http://dict.leo.org/ende/index_de.html#/search=the&searchLoc=0&resultOrder=basic&multiwordShowSingle=on) [eye](http://dict.leo.org/ende/index_de.html#/search=eye&searchLoc=0&resultOrder=basic&multiwordShowSingle=on)s. Now [with](http://dict.leo.org/ende/index_de.html#/search=with&searchLoc=0&resultOrder=basic&multiwordShowSingle=on) [a](http://dict.leo.org/ende/index_de.html#/search=a&searchLoc=0&resultOrder=basic&multiwordShowSingle=on) [heavy](http://dict.leo.org/ende/index_de.html#/search=heavy&searchLoc=0&resultOrder=basic&multiwordShowSingle=on) [heart](http://dict.leo.org/ende/index_de.html#/search=heart&searchLoc=0&resultOrder=basic&multiwordShowSingle=on) I have to give up with my project due to some other important business and private projects. [It's](http://dict.leo.org/ende/index_de.html#/search=It%27s&searchLoc=0&resultOrder=basic&multiwordShowSingle=on) [a](http://dict.leo.org/ende/index_de.html#/search=a&searchLoc=0&resultOrder=basic&multiwordShowSingle=on) [great](http://dict.leo.org/ende/index_de.html#/search=great&searchLoc=0&resultOrder=basic&multiwordShowSingle=on) [pity](http://dict.leo.org/ende/index_de.html#/search=pity&searchLoc=0&resultOrder=basic&multiwordShowSingle=on) but now I want to share all my work with you guys and hope that somebody of you will use it and continue with it.

Everything you need is in the attachment. There is also a document with the hardware I used.

Feedback about my project and some ideas and results from your further development are always welcome.

**Hardware:**

**Flight Control:**

*Either this:*

AIOP V2.0 ALL IN ONE PRO Flight Controller<http://rctimer.com/product-765.html>

*Or:*

MultiWii Standard Edition Flight Controller SE V2.5<http://rctimer.com/product-761.html>

**Adapterboard Flight Control <-> GPS:**

[Multiwii FC I2C-GPS NAV Module](http://rctimer.com/product-762.html) <http://rctimer.com/product-762.html>

**GPS:**

Rctimer u-Blox CN-06 GPS Receiver V3.1 <http://rctimer.com/product-984.html>

**Flight Control USB programming board:**

FTDI Tool V1.0<http://rctimer.com/product-684.html>

**Board Software:**

The firmware I use on the board is included in the folder “BoardSoftware V2.2” for both flight controls.You have to flash the board with that software using Arduino tools<https://www.arduino.cc/en/Main/Software>

# For help experimenting with those flight controller and the board software see: <http://www.multiwii.com/forum/>