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| --- | --- | --- | --- | --- | --- | --- |
| Component of system/Milestone | Supervisor | Time/Date | Comments (all/part/none working; protoboard/constructed) | | | |
| Understand RC Rx output |  |  |  | | | |
| Get basic motor movement via ESC |  |  |  | | | |
| Successful signal generator test of PPM Decoder |  |  |  | | | |
| Successful RC test of PPM Decoder |  |  |  | | | |
| Successful serial telemetry test (transmit), in software |  |  |  | | | |
| Successful serial telemetry test (receive), in software |  |  |  | | | |
| Successful transmission and receive via Bluetooth, hardware |  |  |  | | | |
| Get raw data out of the IMU |  |  |  | | | |
| Establish communication (I2C or SPI) |  |  |  | | | |
| Process measurements with DMP or external filter |  |  |  | | | |
| Controller outputs a PPM/PWM signal for ESCs |  |  |  | | | |
| Controller receives converted PPM data |  |  |  | | | |
| Controller receives serial telemetry |  |  |  | | | |
| Test power distribution board |  |  |  | | | |
| Test power distribution board with motors |  |  |  | | | |
| Flight/ Stable Flight |  |  |  | | | |
| Target flight time achieved (1/2/3 minutes) |  |  |  | | | |
| Hooked on to and carried empty lunchbox |  |  |  | | | |
| Lift target weight |  |  |  | | | |
| Milestones finalised by supervisor: | ……………………………………………… Signed ………………………………………………………… Date | | |  |  |
| Prototype hardware handed over to: | ……………………………………………… Signed ………………………………………………………… Date | | |  |  |
| Other items returned to Lab support hatch and checked by: | ……………………………………………… Signed ………………………………………………………… Date | | |  |  |