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| Commenting |  | Notes (I looked at your Milestone\_2.c file) |
| Each file has a header comment, that states purpose of file and authors |  | Yes, but it is out of date |
| Over- or under-commenting |  | Keep in mind that comments should not literally state what the code is doing, but rather state the *purpose* of the snippet. |
| Copied code and comments updated for current application |  | Comments have not been updated. This should be fixed. |
| #ifdef DEBUG blocks |  | Haven’t been used but doesn’t seem to be a need for them. |
| Magic numbers |  | Magic numbers in altitude and yaw functions.  Display states should be an enum. |
| Variable & function naming |  | Variable/function names are inconsistent with capitalization and underscores. |
| Formatting |  | Formatting is sensible and consistent |
| High Cohesion & Low Coupling between Modules |  | This code would benefit from being split into a few files:  Main.c – initializes the systems, and handles high level logic  Altitude.c – Handles the ADC system, averaging, and altitude calculations.  Yaw.c – Handles the yaw decoding and calculations.  Display.c – Handles the display state and final output |
| Appropriate use of functions &/or macros |  | The use of functions here is appropriate (but things could be broken down more as above). Macros are also suitable. |
| ISR code is short |  | ISR code is suitably short. |
| ISRs set flags rather than call functions |  | ISR code calls appropriate and short functions. |