2025/10/31 19.59

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My Quad yaws and or banks near full throttle: Is that normal? What to do against that?

t Emmbe caused by off center CG, or unmatched motors, or quad not straight. All moto Myt Quad yaws and or banks neastful the office Is that normal? What absolutely vertical and parallel to each other.

Permanent link:

The 18/smas with many different motors who do by pifferent companies and some this

FWst of air are a bit different since water this "problems" near full throttle. Silverware all power available from the motors on full throttle (with stock settings), there is no spare throttle left to confections with stockes throttle left to confections with stockes throttle left to confections with stockes and if all your final of said for one is no spare throttle left to confections with stockes and if all your final of said for one is no spare throttle.

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Hefine MIX\_LOWER\_THROTTLE

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limit of integral term (abs)
const float integrallimit[PIDNUMBER] = { 0.8 , 0.8 , 0.4 };

The limit for roll and pitch is 0.8, and for yaw 0.4 in this case ( defaults)

You could increase 0.4 in both places or reduce the other 2 axes limit, for example. sadly, this won't fix the unbalance, it will just transfer it to another axis, or make it less noticeable.

Just play with these values a bit and see what happens. Sometimes even reducing yaw limit (or one of the others) can help - a quad's behavior is not always logical...