PREPARING FOR DANGER: WHAT CAN GO WRONG

UAV COACH
Pushing the drone community forward.
Remember This:

**Your hardware could will fail.** It’s one of the unfortunate realities of flying a drone. Hardware isn’t perfect, and next to a mobile phone a drone is one of the more complex consumer devices on the market. Your wires might become loose, your motor or ESC might fail, a soldering job might break mid-flight. Get ready.

**Your battery might run out of juice.** Some of the more advanced unmanned aerial systems will auto-return to home when your battery has less than 25% juice in it. Don’t get carried away and make sure to land with plenty of battery power left!
You might lose your GPS signal. As a best practice, don’t rely on flying in GPS. Anytime you rely on GPD, you’re opening yourself up to increased risk.

Your transmitter might lose signal with your airframe. If you fly too far away from your transmitter / remote control, that connection might be lost and your airframe could drift away.

Your calibration / trim will be off. When you take-off, you might not experience smooth flight. Set your airframe back down on the ground and run through your pre-flight checklist once more, calibrating and adjusting trim where appropriate to identify what’s going on.
Remember This:

**It might be too windy.** Any gust of wind say, over 15-20 mph, could blow your UAV off course and into a tree, building, or other fixed object. Be mindful of weather conditions and use an app like Hover.io to monitor.

**You will crash.** Particularly when you’re first learning to fly. It happens folks. Don’t get discouraged. Learn from your mistakes and minimize the same situation happening again.

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I can’t say it enough 😊