

## What to Do

For those with flight experience, describe a time when you experienced an emergency situation (or close to one). Please describe what went wrong, what was your reaction, and the ultimate outcome.

Also, please spend some time on YouTube (as if you don't spend enough already) and find your favorite drone fail video. Provide the link to the video, describe what happens, and what should have been done to avoid this emergency situation.

Modification: If you do not have flight experience, analyze two YouTube videos.

### Example

One of my first times flying I was using a DJI Phantom 4 to take aerial images of a rock outcrop. The flight was going fine until a strong gust of wind occurred. I attempted to fly above the outcrop but could not despite being just under 200 feet AGL. The Phantom smacked into the rocks breaking two propellers and damaging one rotor. Thankfully, it was fairly easy to fix.

To avoid this, I should not have flown that close to the outcrop. I also did not realize the Phantom was still in beginner mode, which set the height limit at 200 feet. When I tried to fly above the rocks, the systems registered the ceiling cap and stopped any further ascent.

[10 Favorite Drone Fails \(Links to an external site.\)](#)[Links to an external site.](#)



[https://www.youtube.com/watch?v=6FVeZeT\\_TE&t=0m32s](https://www.youtube.com/watch?v=6FVeZeT_TE&t=0m32s) (copy and paste this link for the exact clip)

In this video, a pilot flies a drone into an exhibit at the zoo. A group of curious chimpanzees decide to swat the drone out of the air and start poking at the intriguing quadcopter. The operation should have been done at a much higher altitude, away from the chimpanzees not only for the drone's safety but the animals as well.

## Requirements

Posts must meet a minimum of two paragraphs (3-4 sentences each) with a maximum of one page.

### **Discussion Directions**

After you type your initial post by Wednesday evening at 11:59 pm Pacific Time, then read through the other entries and reply directly to at least two classmates by Friday evening at 11:59 pm Pacific Time. When you reply, ALWAYS type the name of the classmate you are responding to, and your name at the bottom of the message. Make sure to use **proper grammar and punctuation** in this college level course in all correspondence. Please avoid “text” or “twitter speak” when corresponding.

### **Summary**

Post by **Wednesday** evening at 11:59 pm Pacific Time

Respond to at least 2 classmates by **Friday** evening at 11:59 pm Pacific Time

### **Grading**

To view the grading rubric for this discussion, click the gear icon (upper right) and then click **Show Rubric**.



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