Hardware Threat Model

1. USB ports
    a. https://www.sans.org/reading-room/whitepapers/threats/usb-ubiquitous-security-backdoor-33173
2. Flight controller
    a. http://www.securityweek.com/design-flaws-expose-drones-hacker-attacks-researcher
3. Sensors
    a. GPS
        i. https://www.owasp.org/images/5/5e/OWASP201604_Drones.pdf
    b. Other
        i. https://ccdcoe.org/cycon/2013/proceedings/d3r2s2_hartmann.pdf
4. Flashing
    a. Need to find previous research
5. General
    a. http://ieeexplore.ieee.org/document/6815228/
    b. https://www.rsaconference.com/writable/presentations/file_upload/ht-w03-hacking_a_professional_police_drone.pdf
6. Propellers
    a. Motor spoofing

OS Threat Model

1. Exploit Packages
   a. Any resources Dominic has found on those available
2. Encryption (or lack thereof)
   a. https://www.joanneum.at/fileadmin/UNTERNEHMEN/news/Zukunftskonferenz_2016/Stefan_Rass.pdf
   b. http://brl.ee.washington.edu/eprints/6/1/2015_Teleop_Security_Threats.pdf
   c. http://journal.frontiersin.org/article/10.3389/frobt.2015.00023/full
3. Resource Access
   a. https://www.researchgate.net/publication/310671472_SROS_Securing_ROS_over_the_wire_in_the_graph_and_through_the_kernel
4. Authentication
   a. http://ieeexplore.ieee.org/document/6869141/
5. General
   a. https://www.willowgarage.com/sites/default/files/icraoss09-ROS.pdf

Network Threat Model

1. Flight Control System
      i. https://www.dji.com/naza-m-v2
   b. Ardupilot
      i. http://ardupilot.org/copter/docs/common-pixhawk-overview.html
2. Wireless
      i. https://wiki.wireshark.org/CaptureSetup/WLAN
      ii. https://security.stackexchange.com/questions/17344/how-do-you-analyze-an-unknown-network-protocol
      iii. https://www.aircrack-ng.org/doku.php?id=getting_started
   b. 2.4Ghz
      i. http://www.grymoire.com/Security/Hardware.html#TOC
   c. 900Mhz
      i. http://www.grymoire.com/Security/Hardware.html#Hacking_the_.3C1Ghz_Range_.28900Mhz_.29_Spectrum
   d. Packets (MitM)
      i. http://brl.ee.washington.edu/eprints/6/1/2015_Teleop_Security_Threats.pdf
   e. MAVLink
      i. http://www.dtic.mil/cgi-bin/GetTRDoc?AD=ADA598977

3. Fuzzing
      i. https://blog.fuzzing-project.org/27-Network-fuzzing-with-american-fuzzy-lop.html
4. DoS/DDos
   a. http://drwxr.org/tag/denial-of-service/
5. General