MiSHELL Drone Project Testing

06/25/2016 Flight Testing

Positions:

* Test Director
* Pilot
* Ground Control Operator
* Observer
* Videographer

Actions:

* Save Configuration File
* Check all Fixtures and Cables Secure
* Perform Motor Spin Test
  + Check that ESCs are calibrated
* Calibrate
  + Compass Calibration
  + Radio Control Calibration
  + Accelerometer Calibration
  + RC Transmitter Mode Setup
  + ESC Calibration
* Set Failsafe
  + Geo Fence
  + Battery Monitor
* Hover Test
  + Set Mode Stabilize
  + Climb to 10 meters above ground
  + Verify Pitch, Roll, and Yaw
  + Land
* Barometric Pressure Sensor Test
  + Set mode to Altitude Hold
  + Climb to 10 meters above ground
  + Land
* GPS/Compass Test
  + Set mode to Position Hold
  + Climb to 10 meters above ground
  + Fly a surveyed route
  + Land
* Auto Mode Test
  + Plan a Mission with Waypoints and Events
  + Set Mode to Altitude Hold
  + Climb to 10 meters above ground
  + Set Mode to Auto