## IGNIS PSD Flight Checklist

### Startup
- **Power IGNIS**: Powered (>7.8 volts)
- **Power Controller**: On, Charged, Switches set
- **Power M600**: On, Batteries Charged
- **Tablet on, Charged**: Only IGNIS App open, Unplugged
- **Plug in cord from RC**: Force open Ignis app
- **Wait for Connection**: Success

### Preflight
- **3 Green lights**: Ignis, Controller, Aircraft
- **Aircraft Settings and Calibrations**: Verified
- **Ignis Settings**: Verified
- **Ignis App Fly Button**: Map and Video
- **Geofence**: Completed
- **Waypoints for drop pattern reference**: If needed
- **Payload**: Configured and Attached
- **Arms/Props**: Extended and Attached

### Before Takeoff
- **IGNIS**: Spheres/Glycol
- **RC Antennas**: Pointed properly
- **GPS**: Flight Mode Set P, 3 GPS UP
- **RSSI**: Normal
- **Gimbal**: Operating – Set to 90 Degrees
- **Camera**: Recording
- **IGNIS Arm Switch**: Arm to Idle, Disarm
- **Takeoff Area**: Clear

### Takeoff
- **Aircraft**: Report “Armed”
- **Aircraft**: Report “Taking Off”
- **Takeoff Time**: Recorded

### After Takeoff
- **Aircraft 20’ out and 20’ up**: Aircraft
- **Camera**: Recording
- **Telemetry**: Report Telemetry
- **Controllability Check**: Ready to go

**Note:** Periodically report battery % and RSSI during flight

### Before Landing
- **Aircraft Orientation**: Nose Out
- **Gimbal**: 90 Degrees
- **Landing Gear**: Gear Down
- **Landing Area**: Clear

### Landing
- **Aircraft**: Report “Landing”
- **Aircraft**: Report “Disarmed”

### After Landing
- **Camera**: Stopped/Off
- **Antennas**: Stowed
- **Landing Time**: Recorded
- **Aircraft**: Powered Down
- **IGNIS**: Powered Down
- **Tablet**: Off
- **Controller**: Off