# IGNIS PSD Flight Checklist (Alta X)

## Startup
- **Power IGNIS**: Powered
- **Power Controller**: On, Charged
- **Power Alta X**: On, Batteries Charged & Secured to Aircraft
- **Tablet on, Charged**: IGNIS App open
- **WiFi Configuration**: Contrast App connected / Packets Received
- **Connection**: Success

## Preflight
- **2 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
- **Aircraft**: Emplaced and Powered on
- **RC Antennas**: Pointed properly & secured on aircraft
- **GPS**: Flight Mode Set - Position Control
- **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 20’ out and 20’ up
- **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**: Fixed
- **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