

NORMAL PROCEDURES CHECKLIST

POWER UP / SAFETY CHECK

1. Frame free of loose fittings, cracks or damaged parts
2. All prop edges smooth, no imperfections and securely attached
3. GPS mast raised and secured
4. UAV battery fully charged, fully inserted and tightly secured by the straps
5. All wires secure and do not interference with props
6. Transmitter batteries or fully charged or at capacity
7. Switch on transmitter
8. Connect UAV battery
9. Press **UAV power button** for 1 second until **blue LEDs** illuminate and cooling fan spins
10. Transmitter bound to receiver verify **orange LED** condition
 - 10.1 **steady on** > proceed to item 11
 - 10.2 **blinking** > bind to transmitter
 - 10.2.1 turn off transmitter
 - 10.2.2 while pressing **Bind/Panic** button turn on transmitter
 - 10.2.3 wait for receiver **orange LED** to change to **steady on**
 - 10.2.3 proceed to item 11
11. Flight zone radius clear **10 meters** minimum
12. Set flight mode
 - 12.1 **outdoors** with strong GPS signal
 - 12.1.1 wait **2 minutes** to establish strong GPS lock
 - 12.1.2 set flight mode switch to **2** - Position Hold (GPS)
 - 12.2 **indoors** or weak GPS reception > set flight mode to **0** - Manual
13. Arm motors
 - 13.1 move left **Throttle/Pitch** gimbal **down and to right** for 2 seconds until props begin to spin
 - 13.2 release gimbal to lowest middle position

> Cleared for flight <

POST LANDING

1. Disarm motors
 - 1.1 move left **Throttle/Pitch** gimbal **down and to right** for 2 seconds until props begin to spin
 - 1.2 release gimbal to lowest middle position
2. Press and hold **UAV power button** for 5 seconds until **blue LEDs** blink 3 times.
3. Wait 30 seconds as Aero board powers down gracefully, fan will stop
4. Disconnect UAV battery
5. Turn off transmitter

> Secured from flight <