

# UAV Pre-Flight Checklist

Date:

### Airspace Class:

Location:

Weather:

Emergency Contact Name & Phone:

Visual Observer Name & Phone:

NOTAM Number &amp; Validity:



## MISSION PLANNING

Task	Notes
○ Study mission area/check NOTAM	
○ Safety: People	
○ Safety: Vehicles	
○ Safety: Power Lines	
○ Safety: Poles	
○ Safety: Trees	
○ Safety: Cables	
○ Safety: Wildlife	
○ First aid kit	
○ Fire extinguisher	
○ Takeoff/landing area identified	

## AIRCRAFT VISUAL INSPECTION

Task	Notes
○ Remove AC from case	
○ Props in good condition	
○ Airframe clean & no loose parts	
○ Gimbal/camera secured	
○ Landing gear sturdy (not loose)	
○ Aircraft battery fully charged	
○ Transmitter battery fully charged	
○ SD card properly inserted	

## PRE-FLIGHT CHECKS

Task	Notes
<input type="radio"/> Launch area flat/stable/clear	
<input type="radio"/> Remove gimbal guard	
<input type="radio"/> Attach propellers & ensure secure	
<input type="radio"/> Connect phone/tablet to TX	
<input type="radio"/> Power up TX	
<input type="radio"/> Raise TX antennas	
<input type="radio"/> Ensure battery is secured to AC	
<input type="radio"/> Power up aircraft (leave stationary)	
<input type="radio"/> Link established between TX/AC	
<input type="radio"/> Calibrate IMU (if necessary)	
<input type="radio"/> Calibrate compass (if necessary)	
<input type="radio"/> GPS reception locked	
<input type="radio"/> Home point set	
<input type="radio"/> Set return to home altitude	
<input type="radio"/> Adequate free space on SD card	

## FLIGHT

Task	Notes
<input type="radio"/> Launch aircraft	
<input type="radio"/> Aircraft responsive to all inputs	
<input type="radio"/> Fly the mission and land safely	

## POST MISSION

Task	Notes
<input type="radio"/> Power off AC	
<input type="radio"/> Power off TX	
<input type="radio"/> Log flight details in logbook	
<input type="radio"/> Disconnect phone/tablet from TX	
<input type="radio"/> Remove props	
<input type="radio"/> Attach gimbal guard	
<input type="radio"/> Return AC to case	