



Drone Flight Checklist

For Safer Drone Operations

Drone Pilots Association of India

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Drone Flight Checklist

Date :	Client :
Mission Type:	
Place of Operation:	
Remote Pilot: <small>(Remote Pilot In Command)</small>	RPC No:
Co-Pilot:	Other Crew
Contact Information (Any of the Crew) <small>(Can also include Company's Address)</small>	Mobile : Address:

<u>Place of Operation Details</u>		
Air Space Classification :	Green / Yellow / Red	Notes (If any)
Wind Speed (m/s) :		
Wind Direction :		
Temperature (C) :		
Risk Assessment	<ul style="list-style-type: none"> • Potential Visual Obstructions Identified? ■ • Operational Area Reconnaissance? ■ • Take off & Landing Site Identified? ■ • Necessary Permissions for Flying? ■ • Safe Distance from People, Animals & Property to avoid unnecessary conflict? ■ 	

<u>Aircraft Details</u>	
Drone Model	Payload Type
UIN	Battery No



<u>Pre-Flight Checks</u>	Flight No: (If Flying Multiple Times a Day)
Drone Propellers/Motors Check <input type="checkbox"/>	Drone Battery Condition <input type="checkbox"/>
Drone Body Cracks Inspection <input type="checkbox"/>	Drone Battery Level <input type="checkbox"/>
Drone Payload Inspection <input type="checkbox"/>	Drone RC Battery Level <input type="checkbox"/>
Drone RC Power On ? <input type="checkbox"/>	Drone Power On ? <input type="checkbox"/>
Drone and RC Connection ? <input type="checkbox"/>	Drone Payload Function ? <input type="checkbox"/>
GNSS Satellite Count <input type="checkbox"/> Compass <input type="checkbox"/> Accelerometer <input type="checkbox"/> Other Sensor <input type="checkbox"/>	

<u>Flight Mission Planning Check</u>	
Identification of the Mission Plan <input type="checkbox"/>	Settings Related to Mission Plan <input type="checkbox"/>
Note:	
Crew Briefing about Mission <input type="checkbox"/>	Check for the suited flight mode <input type="checkbox"/>

<u>In-Flight Checks</u>	Alert Crew for Take-Off <input type="checkbox"/>
Start the Drone	Note Time: [Start / End]
Identify Home Point	Take Off
Hover Drone at 5 to 10 m for 10 Sec (Check for any vibration during hover)	
Radio Checks:	Checks to be done at Optimal Height
<ul style="list-style-type: none"> • THROTTLE • ROLL • PITCH • YAW • PAYLOAD 	UP - DOWN LEFT - RIGHT FORWARD - BACKWARD LEFT - RIGHT (360 Degrees) Check Triggers and Control
Confirmation of systems being optimal & Aircraft clear to start operation	

Post-Flight Checks

Don't approach drone before it lands

Ensure the drone lands safely

Power-off drone / disconnect drone battery

Power-off drone RC

Check for any damages/cracks in drone body/dust in motors/propellers/payload

Transfer & check the data before leaving site

safely store the data before

Log the flights and other necessary details in your management portal

Store all the equipment safely in the container

Check again in your surroundings for leftovers

Ensure to carry your litter with you

Notes:

Mission Status

Date

Signature of RPIC/Manager

Completed / Remaining

Time

DPAI - Drone Pilots Association of India, always recommends and expects high standards of safety operations from its members and fellow drone pilots of India. DPAI also strives to be inline & updated with both local and international drone laws.

BE DRONE SAFE

ALWAYS KEEP YOUR DRONE
IN LINE OF SIGHT

ALWAYS STAY BELOW 120M /
400 FT

BE DRONE AWARE

ALWAYS FOLLOW
MANUFACTURER'S MANUAL

KEEP RIGHT DISTANCE FROM
RIGHT PEOPLE

BE DRONE LEGAL

RPIC BEARS SOLE
RESPONSIBILITY FOR EVERY
DRONE FLIGHT

AT ANY COST DO NOT FLY
NEAR AIR PORTS & AIR FIELDS
& MANNED AIRCRAFTS