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| **UAS Recreational Flight Checklist** |
| Date: | Select date. | Time: | Enter time. |
| UAV Pilot: | Click here to enter name. |
| **Your Surroundings** |
| *I declare that I have taken note of the following and that none of these elements, whether natural or man-made, introduce uncontrollable or unacceptable risks to the flight:* |
| **Element** | **Checked** |
| Terrain (ground elevation, incline, consistency) |[ ]
| Natural Features (mountains, cliffs, hills, valleys, rocky outcrops) |[ ]
| Natural Growth (trees, shrubs, hedges, grasses) |[ ]
| Other Natural Obstacles: | Specify... |[ ]
| Residential Property (houses, flats, estates, townships) |[ ]
| Commercial Property (factories, businesses, shops, offices, malls) |[ ]
| Government Facilities (military, police, legal, political, key infrastructure) |[ ]
| General Obstacles (towers, masts, poles, pylons) |[ ]
| Transportation (roads, railways, bridges, pathways, parking zones) |[ ]
| Large Crowds (stadiums, rallies, sporting events, concerts) |[ ]
| Other Man-Made Obstacles: | Specify... |[ ]
| Sources of EME (cell towers, radio masts, power stations and masts, fences) |[ ]
| **Proximity to 3rd Parties** |
| *I declare that I have taken note of 3rd Party Persons, 3rd Party Property and the Natural Environment in close proximity to the intended flight path/area, and that the flight will not in any way endanger or pose any risk to the aforementioned:* |
| **Element** | **Checked** |
| 3rd Party Persons (general public, people, crowds, groups) |[ ]
| 3rd Party Property (property, structures, vehicles, key infrastructure) |[ ]
| The Natural Environment (sensitive or protected areas, dry regions, parks) |[ ]
| **The Weather** |
| *I declare that I have taken note of the weather and other climatic conditions and that none of these elements introduce uncontrollable or unacceptable risks to the flight:* |
| **Element** | **Checked** |
| Wind (maximum wind speed) |[ ]
| Ambient Air Temperature (upper and lower) |[ ]
| Dust and Sand (damage to equipment, visibility) |[ ]
| Precipitation (damage to equipment, visibility) |[ ]
| Air Pressure (related to flight altitude) |[ ]
| **Airspace** |
| *I declare that I have taken note of the following regarding the Airspace within which flight will take place:* |
| **Element** | **Checked** |
| Proximity to Aerodromes (airports, airfields, airstrips, helipads) |[ ]
| Proximity to No-Fly Zones |[ ]
| *I declare the following to be true regarding the flight that will take place:* |
| **Element** | **Checked** |
| I am not operating in Controlled Airspace |[ ]
| I am not operating in Military Segregated Airspace |[ ]
| I am not operating in Prohibited Airspace |[ ]
| I am not operating in Restricted Airspace |[ ]
| I am not operating in a No-Fly Zone |[ ]
| I am not operating in an Approach Path for an Aerodrome |[ ]
| I am not operating in a Take-off Path for an Aerodrome |[ ]
| **Permissions** |
| *I declare that I have the necessary permissions in-hand from land owners, property owners, or other parties relating to the site over which flight will be taking place:* |
| Yes |[ ]  Not Required |[ ]
| **Pre-Flight System Checks** |
| *UAV Checks (as applicable)* |
| **Item** | **Checked OK** |
| UAV Battery Charge Level |[ ]
| Autopilot Functionality Check |[ ]
| IMU/INS Functionality Check |[ ]
| GNSS Functionality Check |[ ]
| GNSS Signal Strength Check |[ ]
| Barometer / Altimeter Functionality Check |[ ]
| Magnetic Compass Calibration Check |[ ]
| Magnetic Compass Functionality Check |[ ]
| Air Data System Functionality Check |[ ]
| Motor / Engine Functionality Check |[ ]
| Throttle / ESC System Functionality Check |[ ]
| Propellers Tightened |[ ]
| Fuel System Leak Test |[ ]
| Fuel Tank Level Check |[ ]
| Fuel Filter Check |[ ]
| Structural Integrity Check |[ ]
| Lighting System Functionality Check |[ ]
| Data Link Functionality Check |[ ]
| Flight Control System Functionality Check |[ ]
| FTS Functionality Check |[ ]
| UAV1 | Click here to specify item. |[ ]
| UAV2 | Click here to specify item. |[ ]
| UAV3 | Click here to specify item. |[ ]
| *Ground Control System (GCS) Checks (as applicable)* |
| **Item** | **Checked OK** |
| GCS Battery Charge Level |[ ]
| GCS Display Functionality Check |[ ]
| GCS Input System Functionality Check |[ ]
| GCS Manual Control Functionality Check |[ ]
| GCS Mode Selection Functionality Check |[ ]
| GCS RTH Functionality Check |[ ]
| GCS FTS Functionality Check |[ ]
| Voice Communications Check |[ ]
| Home Point Verification Check |[ ]
| GCS1 | Click here to specify item. |[ ]
| GCS2 | Click here to specify item. |[ ]
| *UAV Launch / Recovery Systems Checks (as applicable)* |
| **Item** | **Checked OK** |
| UAV Launch System Functionality Check |[ ]
| UAV Recovery System Functionality Check |[ ]
| **I declare all information presented in this Checklist to be true and correct.** |
|  | **Name:** | Click here to enter name. |  |
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|  | signed |  |
|  | **Date:** | Select date. |  |
| *NOTES:** *RFCL = Recreational Flight Checklist*
* *This Checklist is to be completed prior to flight.*
* *EME = Electromagnetic Emissions*
* *Additional entries may be added to the RFCL as required.*
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