Site Survey & Safety Risk Assessment

Name of operation:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sample Pre-Site Survey Risk Assessment | | | | | | | |
| **JOB NUMBER** |  | **DATE** |  | **SITE** |  | | |
| Name of Operation |  |  |  | **Name** |  | | |
| **Crew** | | |  | | | | |
|  | | |  | **Height** | *0-200ft/0-120m* | | |
|  | **No of Flights** | *TBC* | | |
|  | **Vehicle Access** | YES | |  |
|  | **Notes:** |  | | |
| **Item** | **Action** | | | | | **Finding** | |
| AIRSPACE | What is the airspace classification | | | | | *C* | |
| TERRAIN | What is the Terrain | | | | | *Flat open area* | |
| PROXIMITY | Other Aircraft Activity | | | | | *Yes (training)* | |
| HAZARDS | Area of increased radio frequency, | | | | | *NO* | |
| RESTRICTIONS | Prisons, Military Installations, TRA’s | | | | | *NO* | |
| SENSITIVIES | Nature reserves, Recreational Areas, Bye Laws | | | | | *NO* | |
| PEOPLE | Public area or area with likely bystanders? | | | | | *NO* | |
| LIVESTOCK | Potential for wild/ domestic animals? | | | | | *NO* | |
| PERMISSION | Land Owner, Local Authority, Military Airspace | | | | | *Landowner/ATC/CAD* | |
| ACCESS | Public rights of way, Gates, Roads | | | | | *Controlled* | |
| FOOTPATHS | Public footpath to area | | | | | *Controlled* | |
| RISK  REDUCTION | Alternate Operational Time? | | | | | *1000L-1630L* | |
| WEATHER | 24 hour Forecast | | | | | *Checked* | |
| NOTAMS | Any Notice to airmen that may affect us | | | | | *NO* | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Date | Time | Contact | Contact Number |
| Local Air traffic Control: |  |  |  |  |
| Regional Air Traffic Control: |  |  |  |  |
| Military ATC: |  |  |  |  |
| Notice to Airmen NOTAM: |  |  |  |  |

|  |  |  |
| --- | --- | --- |
|  |  |  |
| **Mission** | **Value** | **Score** |
| Pre-planned (1) , Short Notice (2) - See Definition Below | 1 or 2 | 1 |
| Flight Difficulty (See Table Below) | As Per Options | 3 |
|  | **SUB-TOTAL** | 4 |
| **Equipment** | **Value** | **Score** |
| Octocopter (0), Hexacopter (2), Quadcopter (3) | 0,2 or 3 | 3 |
|  | **SUB-TOTAL** | 3 |
| **Operational Limits** | **Value** | **Score** |
| Max Operating Height <50ft (0), <100ft (1), <300ft+ (2), <400ft (3) | 0,1, 2 or 3 | 3 |
| Max Dist. from Operator<50m (0), <100m (1), <175m (2), 250m+ (3) | 0,1,2 or 3 | 3 |
| Flight Time Required <5min (0), <10min (1), <15min (2), 15+ (3) | 0,1,2 or 3 | 3 |
| Distance from nearest Aerodrome Ref Point  <1km (5), <2km (4), <3km (3), <4km (2), <5km (1), 5km+ (0) | 0,1,2,3,4 or 5 | 0 |
| Wind strength (% of max limit)  <25% (0) 25-50% (1) 50-75% (2) 75-100% (3) | 0,1,2,3 | 3 |
|  | **SUB-TOTAL** | 12 |
| **Crew on Site** | **Value** | **Score** |
| Single Operator (2), Dual Operator (0) | 0 or 2 | 0 |
| Chief Pilot Previous Job Experience <10 (2), <20(1), 20+ (0) | 0, 1 or 2 | 2 |
| Customer on site(2) | 0 or 2 | 0 |
|  | **SUB-TOTAL** | 2 |
| **Total Risk Rating Number** |  | 17 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Flight Difficulty Options** | | | | **Value** |
| Aerial Photography | | | | 1 |
| Aerial Videography (Stock Footage) | | | | 2 |
| Site Survey | | | | 2 |
| Aerial Videography (TV, Documentary) | | | | 3 |
| Training (Instructor Present) | | | | 3 |
| 3D Mapping |  |  |  | 4 |
| Demo Flight |  |  |  | 3 |

Pre-planned: More than 3 days notice has been given

Short Notice: Less than 3 days notice has been given

|  |  |  |
| --- | --- | --- |
| Low Risk | Moderate Risk | High Risk |
| <18 | 18-22 | 22-28 |