**Gold crest Award Launch of High Altitude Balloon**

Balloon operator: Adam Lawson

Risk manager: Rebecca Stanley

Driver:

**RISK ASSESSMENT OF (activity): Launch of HAB** 12-13th or 22nd-23rd or 29th-30th August 2020 9 – 10am

**LOCATION** : Ditchling Common

**ASSESSED BY**: Rebecca Stanley **DATE:** July 2020 **AGREED BY:**  **DATE:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **What are the hazards?** | **Who might be harmed and how?** | **Current control -**  **What are we already doing?** | **What further action is necessary?** | **Action by who?** | **Action by when?** | **Done** |
| Setting up | Crew  Passers-by  Wildlife   * Trip on uneven ground * Helium leak | Raising awareness prior to set up; maintain clear working/safe working procedures.  Keep any matches away from the Helium.  Keep set up away from overhanging branches of trees.  Keep to the licence provided by Civil Aviation Authority (CAA). | Pre-brief for the day ahead.  Maintain safe conditions in the open air when working.  Alert any passers-by.  Create a launch safe area with tape.  Encourage birds and wildlife to leave the area. | All involved | Start of setting up equipment |  |
| Balloon flight | Crew  Passers-by  Wildlife   * Airplanes | Warn off wild life and passers-by  Contact local airfield prior to launch | Risk assessor to work with another to be alert to potential risks and taking action | All involved | Start and throughout the day |  |
| Driving to the launch area | Crew  Driver  Members of the public | Dedicated driver to mind the road whilst driving.  Dedicated phone caller | All in the vehicle | All involved | Throughout the day |  |
| Collecting of the balloon | Crew and driver | Being aware of privacy of members of the public if balloon should land in private property. | Maintain safe conditions when working. | All involved | On collecting the device |  |

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| --- | --- | --- | --- |
| Hazard | Likelihood of accident | Potential Severity of damage | Risk level |
| 1. Setting up | 3 | 3 | 6 |
| 1. Balloon flight | 2 | 4 | 6 |
| 1. Collecting of the payload | 1 | 2 | 3 |

Assess risk on scale:

**Likelihood of accident**

1= highly unlikely

2 = unlikely

3= possible

4 = likely

5 =highly likely

**Severity of damage**

1= very minor

2 = minor

3= moderate

4 = severe

5 =very severe

*Risk = Likelihood X Severity 1-4 Low 5 -7 Moderate 8-10 High*