London Times Tables Rock Wrangle 2015 – Winner’s helicopter flight risk assessment

This risk assessment has been put together by Bruno Reddy at Times Tables Rock Stars. **It is intended for schools to use as the basis of their own risk assessment**.

**Land-side hazards**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Hazard** | **Severity** | **Likelihood** | **Rating** | **Mitigation** | **M/factor** | **Final rating** |
| 1 | Losing a child from the group | 4 | 2 | 8 | Easily visible reporting point and accompanying teacher to discuss ‘lost procedure’ with pupils. Close group supervision: 1 adult to 4 children.Monitored toilet break. | Likelihood reduced to 1 | 4 |
| 2 | Injury from falling or tripping over an object, barrier or uneven ground.  | 2 | 2 | 4 |  | Likelihood reduced to 1 | 2 |
| 3 | Injuries caused through disobedience / deliberate risk-taking | 3 | 2 | 6 | Close supervision from accompanying teacher. CCTV in place. | Likelihood reduced to 1 | 3 |

**Air-side hazards**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Hazard** | **Severity** | **Likelihood** | **Rating** | **Mitigation** | **M/factor** | **Final rating** |
| 1 | Unaccompanied child entering aircraft park unsupervised | 4 | 2 | 8 | Access gates manned – unattended children not allowed through. Initial safety briefing and instruction. | Likelihood reduced to 1 | 4 |
| 2 | Child straying into the path of a taxying aircraft | 3 | 2 | 6 | All taxying aircraft must be under the control of a marshaller. Groundstaff to keep passengers clear of taxiways. Groundstaff wear identifiable high-visibility jacket. | Likelihood reduced to 1 | 3 |
| 3 | Child injured from rotating propeller. | 4 | 2 | 8 | Groundstaff to be present before aircraft start up. All passengers onboard before propellers begin rotating. Safety briefing. | Likelihood reduced to 1 | 4 |
| 4 | Injury from falling or tripping over on the helipad. | 2 | 2 | 4 | Passengers to walk carefully behind the groundstaff who will escort them to the helicopter. Safety briefing. All heliport staff are First Aid trained. | Likelihood reduced to 1 | 2 |
| 5 | Child walking into sharp areas of a parked aircraft | 3 | 3 | 9 | Passengers to follow the groundstaff and in doing so will never walk round the back of a helicopter. Close supervision. Safety briefing. | Likelihood reduced to 1 | 3 |
| 6 | Flying accident | 5 | 1 | 5 | Pilots, in addition to having a current helicopter license, must have special authority from London Heliport air traffic control to be able to fly from there.Weather is checked constantly and if the clouds are too low, air traffic control will make the decision to ground all aircraft\*. Fire crew onsite. | Unchanged – normal rules at heliport | 5 |

\* In the event of the flight being cancelled, it will be rescheduled.