# SRG 1303T: Flying Display Risk Assessment Template

Guidance on Flying Display Risk Management can be found at Appendix A of CAP 403: [www.caa.co.uk/CAP403](http://www.caa.co.uk/CAP403).

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| --- |
| **Hazard description** = Any condition, event, or circumstance which could induce an accident. |
| **Risk description** = The potential consequence and location that could result from the hazard. |
| **L** = Likelihood of the Risk occurring; **S** = Severity of the Risk consequence; Risk Decision = A combination of the likelihood of a risk occurring in conjunction with the severity of the risk that could result; e.g. **U**nacceptable, **R**eview or **A**cceptable as referenced in the chart below. |
| **Mitigation measures** - Risk control measures **additional to CAP 403 requirements** to lower the risk to as low as reasonably practical (ALARP). |
| **Remarks -** Any other information relevant to the flying display risk management process which has not been captured elsewhere. E.g. clarity or explanation to a risk assessment calculation or mitigation measure. |

Risk Tolerability Matrix

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Risk likelihood (L)** | **Risk severity (S)** | | | | |
| **Catastrophic (5)** | **Hazardous (4)** | **Major (3)** | **Minor (2)** | **Negligible (1)** |
| **Frequent (5)** | Unacceptable | Unacceptable | Unacceptable | Review | Acceptable |
| **Occasional (4)** | Unacceptable | Unacceptable | Review | Review | Acceptable |
| **Remote (3)** | Unacceptable | Review | Review | Acceptable | Acceptable |
| **Improbable (2)** | Unacceptable | Review | Review | Acceptable | Acceptable |
| **Extremely improbable (1)** | Review | Acceptable | Acceptable | Acceptable | Acceptable |

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| --- | --- |
| **Flying Display Name**: | **Flying Display Date:** |
| **Names and qualifications of Risk Assessment Team:** | **Date Conducted:** |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Hazard Description** | **Risk Description (including location where appropriate)** | **Initial rating** | | | **Mitigation Measures (if applicable)** | **Final rating** | | | **Remarks (if applicable)** |
| **L** | **S** | **Risk Decision U =**  **Unacceptable R = Review**  **A = Acceptable** | **L** | **S** | **Risk Decision U =**  **Unacceptable R = Review**  **A = Acceptable** |
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***Add additional rows as required***

I confirm that this Risk Assessment is suitable and sufficient to manage the risks associated with the flying display as referenced above.

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| --- | --- | --- | --- |
| **FDD Sign Off** | **Name:** | **Signature:** | **Date:** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Event Organiser countersignature (where applicable) \*** | **Name:** | **Signature:** | **Date:** |

***\*Not required for single item Airborne FDD displays.***

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Example

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Hazard Description** | **Risk Description (including location where appropriate)** | **Initial rating** | | | **Mitigation Measures (if applicable)** | **Final rating** | | | **Remarks (if applicable)** |
| **L** | **S** | **Risk Decision U =**  **Unacceptable R =Review**  **A = Acceptable** | **L** | **S** | **Risk Decision**  **U = Unacceptable R =Review**  **A = Acceptable** |
| *Mid-air collision – display & non- display aircraft.* | *Danger to pilots & persons on the ground both inside and outside the display area.* | *3* | *5* | ***U*** | *Warning signage added to areas inside and outside display area.*  *Marshall’s to be positioned at all identified access points and bystanders notified of the dangers of viewing the display from non-designated zones.* | *1* | *5* | ***R*** | *If a gathering of secondary spectators is identified and refuse to move despite the request of designated Marshall’s, then the display will be stopped.* |
| *Pilot disorientation* | *Disorientated pilot losing control inside or outside display area.* | *3* | *5* | ***U*** | *Pilots must provide the FDD with a copy of their intended display program at least 3 days prior to the proposed display date (in order to exceed the stipulated CAP 403 minima).*  *Radio transmissions are minimized during displays to avoid distraction.* | *1* | *5* | ***R*** | *FDD to brief pilots on disorientation possibility if there is a reduced visibility/horizon.* |
| *UAV/Drones being used by* | *Potential for collision with display aircraft and/or*  *member of the public.* | *3* | *4* | ***R*** | *All security staff to watch for any members*  *of the public bringing a* | *1* | *3* | *A* | *EO responsible for checking and briefing*  *stall holders and* |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Hazard Description** | **Risk Description (including location where appropriate)** | **Initial rating** | | | **Mitigation Measures (if applicable)** | **Final rating** | | | **Remarks (if applicable)** |
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| *unauthorized persons* |  |  |  |  | *UAV/Drone into the site. Anyone seen doing so is to be denied access to the site.*  *Should a UAV/ Drone be seen flying at the site, or close by the perimeter, all efforts are to be made to find the operator and get the UAV safely onto the ground.*  *The flying display is to be stopped until the UAV/Drone is recovered.* |  |  |  | *adding signage to ensure no on-site sales.* |