



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.

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. Unacceptable , Review or Acceptable 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	
Propulsion failure									
Aircraft collision									
Pilot Human Factors									
Latent aircraft hazards									
Display area topography									

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Secondary Spectators.								
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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.

FDD Sign Off	Name:	Signature:	Date:
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Event Organiser countersignature (where applicable) *	Name:	Signature:	Date:
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**Not required for single item Airborne FDD displays.*

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Example

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	
<i>Mid-air collision – display & non-display aircraft.</i>	<i>Danger to pilots & persons on the ground both inside and outside the display area.</i>	3	5	U	<i>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.</i>	1	5	R	<i>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.</i>
<i>Pilot disorientation</i>	<i>Disorientated pilot losing control inside or outside display area.</i>	3	5	U	<i>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.</i>	1	5	R	<i>FDD to brief pilots on disorientation possibility if there is a reduced visibility/horizon.</i>
<i>UAV/Drones being used by</i>	<i>Potential for collision with display aircraft and/or member of the public.</i>	3	4	R	<i>All security staff to watch for any members of the public bringing a</i>	1	3	A	<i>EO responsible for checking and briefing stall holders and</i>

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		L	S	Risk Decision U = Unacceptable R =Review A = Acceptable		L	S	Risk Decision U = Unacceptable R =Review A = Acceptable	
<i>unauthorized persons</i>					<p><i>UAV/Drone into the site. Anyone seen doing so is to be denied access to the site.</i></p> <p><i>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.</i></p> <p><i>The flying display is to be stopped until the UAV/Drone is recovered.</i></p>				<i>adding signage to ensure no on-site sales.</i>