

# BPA Display Risk Assessment Form

Stay safe



Please read the guidance (BPA Form 245a) before completing this form

Please remember:

- 1 The Assessor must identify if additional control measures are needed to reduce the lever of risk. If so, these should be listed in column 5 'Additional Controls'.
- 2 Copies of this document should be retained and readily available for inspection.
- 3 The risk assessment must be reviewed if changes occur to the tasks/activity undertaken, equipment, personnel, legislative, BPA or Team SOP requirements. i.e. if there are changes to the site/hazards since original risk assessment/recce.

Part A: Assessment details			
Name of Display Team:		Person carrying out this Risk Assessment:	
Address:		Signature:	
Telephone Number:		Date of Assessment:	
Team Leader:		Review Date on Site:	
Display Site Location:		Reviewed By DZ Ground Crew (Name):	
Time of Display:		Signature:	

## Part B: Risk level matrix

Likelihood:

Severity:

1	Improbable	1	No or trivial injury / ill health
2	Unlikely	2	Minor or slight injury / ill health
3	Even chance	3	Significant injury / ill health
4	Likely	4	Incapacity
5	Almost certain	5	Fatal

Risk level matrix:

L i k e l i h o o d	5	5	10	15	20	25
	4	4	8	12	16	20
	3	3	6	9	12	15
	2	2	4	6	8	10
	1	1	2	3	4	5
		1	2	3	4	5

Severity

Key:

	Intolerable
	High
	Moderate
	Low
	Insignificant (ignore)

Generic

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1 Hazard, task or activity	2 Who might be harmed?	3 Pre-control risk rating	4 Existing controls	5 Additional controls	6 Post-control risk rating
<b>Aircraft Emergency</b>	Skydivers and public	2 x 5	Aircraft must be suitable for skydiving and maintained are per manufactures recommendations and (section 9 flying BPA Ops Manual). Aircraft documents checked prior to display by TL or JM to ensure all paerwork is in place and sufficient. Aircraft has rigorous maintenance regime carried out by suitable approved and qualified aircraft engineers. Only suitably competent pilots authorised to fly. Aircraft checked before beginning of every day by duty pilot. Jumpmaster suitably competent in dealing with such situations (Section 3 Jumpmasters BPA Ops Manual). All skydivers have been trained in event of such emergency (section 5 training BPA Ops Manual)	Any defect found on aircraft is reported to chief pilot and aircraft grounded until repaired. Fuel is checked daily on aircraft & refuelling system and recorded accordingly.	1 x 5

**Generic**

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<b>Contacting moving aircraft or propellor</b>	Display Skydivers	2 x 5	Display skydivers are aware of precautions to take when enplaning the aircraft due to their experience and therefore present a lower risk potential. Desiganted jumpmaster of each lift will co-ordinate the safe emplaning procedure. (Section 3 Jumpmasters BPA Ops Manual) Aircraft will be stationary before enplaning begins. Section 10 Safety BPA Ops Manual	Skydivers must remain at designated emplaning point and will not approach aircraft until stationary	1 x 5
<b>Aircraft airspace infringement</b>	Display skydivers, aircraft and public	2 x 5	All necessary notifications are completed and airspace cleared prior to commencemnet of display. Approprtiate ATSU forms are submitted. Notams are sent to relevant bodies notifying then of the display activity and duration. Contact with relevant ATC's made by JM prior to take off.	Mode c used in aircraft Visual from ground possibly via radio.	1 x 2

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<b>Malfunction of main parachute</b>	Display Skydivers and public	2 x 5	All parachutes are serviceable and are packed accordingly to manufacturers' instructions. Display skydivers should be competent in packing the parachute to be jumped. All skydivers wear an altimeter and all equipment has AAD's.	DZ Crew to identify falling main parachute as hazard and public to avoid were possible	2 x 4
<b>Failure of A.A.D. (Automatic activation device)</b>	Display Skydivers	2 x 5	All A.A.D's are serviced as per the manufacturers' recommendations by nominated suitable and competent persons/companies specialising in this field. AAD are recalibrated if required to prevent misfire at wrong altitude.	Equipment records BPA Inspection form highlights when unit requires servicing, therefore no unit will be used when service date expires.	1 x 5

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<b>Auxiliary equipment (flags, smoke canisters, camera helmets, CF probes and cutaways</b>	Skydivers and public and pilot	3 x 4	<p>Auxiliary equipment will only be used by those fully briefed and competent to use such equipment, with permission by Team Leader. Fittings should be secure to prevent loss. Emergency procedures for jettison should be in writing and communicated/ briefed to those using such equipment. Smoke only to be operated once outside aircraft.</p> <p>Consider prior to display undertaking practice jumps with equipment to ensure familiarity of any auxiliary equipment, its characteristics and planned emergency procedures are all understood by those who may be using equipment for first time.</p> <p>Ground crew briefed about flag dangers and to assist movement to crowd if required via PA system.</p> <p>Smoke canisters correctly disposed of to isolate from public.</p>	<p>Suitably secured and checked prior to exit from aircraft.</p> <p>This will be documented and endorsed in log book of skydiver.</p>	2 x 3

<b>Generic</b>
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<b>Collision with obstacles</b>	Skydivers & public	3 x 5	Hazards should be categorised as per BPA ops manual and minimum distances applied. (Section 7 Para 1). Record all details on sketch plan and identify to Display jumpers at team briefing	Use of photos or video footage will also assist hazard identification and familiarisation for display team members	3 x 5
<b>Collision with Spectators on Landing</b>	Spectators and skydivers	3 x 5	<p>Skydivers currency checked (Section 13 para 7.1 &amp; 7.2 and have obtained and achieved correct licence for display size being undertaken. (Section 13 Para 3.1 to 3.3)</p> <p>Competent DZ control briefed in their duties holding relevant licence. (Section 13 Para 3.4) with incident procedures. Risk assessment reviewed on day by DZ Crew</p> <p>Means of communication with aircraft any should action be required (Section 13 sub para 3.4.2)</p> <p>Nominated Qualified JM to determine correct exit point. WDI thrown as per section 8 sub para 2.3.3</p>	<p>JM to check log book and FAI Licence.</p> <p>Attempt to move crowd via pa system by DZ control.</p> <p>Radio or signals as per Section 1 Para 4.7</p>	3 x 5

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<p><b>Collision with Spectators on Landing (Contd)</b></p>	<p>Spectators and skydivers</p>	<p>3 x 5</p>	<p>All skydivers familiar with equipment to be used and conforms to section 13 sub para 4.2 &amp; 4,3 inc AAD.</p> <p>When weather conditions are suitable as per Section 8 sub para 2.1, 2.3 &amp; Para 3.0</p>	<p>Checked at site prior to take-off</p>	<p>3 x 5</p>

**Specific**

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## BPA Display Risk Assessment Form

Include drawing of display PLA, marking all hazards. These hazards must be considered when completing the risk assessment.

Please ensure the team leader is notified of any new or additional hazards identified on the day of the display.