

## Introduction

This template can be used to risk assess any activities that are not already covered in the STA Standing Risk Assessments. Always check to see that you are not repeating the standing RAs. It can be used to write show-specific risk assessments, pyrotechnic risk assessments etc. A brief outline of the headings in the risk assessment table is provided below:

Item	Description
Hazard	The danger to persons
Persons Affected	Who the hazard affects
L	Likelihood before control measures on a scale of 1 - 5, with 1 being the least likely
S	Severity before control measures on a scale of 1 - 5, with 1 being the least severe
RR	Resultant Risk before control measures, calculated by multiplying likelihood and severity
Control Measures	Actions taken to reduce the likelihood or severity
L	Likelihood after control measures on a scale of 1 - 5, with 1 being the least likely
S	Severity after control measures on a scale of 1 - 5, with 1 being the least severe
RR	Resultant Risk after control measures, calculated by multiplying likelihood and severity

### Qualitative Measures of Severity - as a measure of magnitude

Level	Descriptor	Description
1	No Harm or Near Miss	Near Miss or no harm caused by adverse event
2	Minor	Minor temporary harm (first aid), Minor financial loss
3	Moderate	Moderate harm (medical treatment), Moderate reputation/financial loss
4	Major	Major harm (excessive injuries/RIDDOR) Major reputation/financial loss
5	Catastrophic	Any death, Excessive or intolerable financial / business/ reputation loss

### Qualitative Measures of Likelihood - as a measure of frequency

Level	Descriptor	Description
1	Unlikely	Event could occur but improbable / doubtful
2	Low	Event may occur at some time but rare / exceptional
3	Moderate	Event could occur at some time - fairly likely
4	High	Event will occur in most circumstances - likely / probable
5	Certain	Event is expected to occur in most circumstances - no doubt

### Qualitative Risk Assessment Matrix - (Likelihood x Severity = Level of Risk)

			LIKELIHOOD				
			1	2	3	4	5
			Unlikely	Low	Moderate	High	Certain
SEVERITY	1	No Harm or Near Miss	1	2	3	4	5
	2	Minor	2	4	6	8	10
	3	Moderate	3	6	9	12	15
	4	Major	4	8	12	16	20
	5	Catastrophic	5	10	15	20	25

No or Low Risk (GREEN)	Moderate Risk (YELLOW)	Significant Risk (ORANGE)	High Risk (RED)
1-3	4-6	8 – 12	15 – 25

Brief details:	Risk Assessment for Live Flying of ROXIE Sign in Chicago		
Student group:	<b>Stage Technicians' Association</b>	Person completing assessment	Nathalie Perthuisot - Stage Manager
Assessment date:	15/02/2019	Review date	19/02/19

Hazard	Persons affected	Existing controls	L	S	RR	Additional controls	L	S	RR	Person responsible	Date
Injuries resulting from live flying during show, during compere lines or during the song "Roxie" when Roxie sign is flown in and out	Actors, Crew	<p>Live flying only to be performed by a member of the STA qualified in the Winston Safety Qualification, which covers Flying Safe Systems of Work.</p> <p>Wherever possible the operator flying should be able to see the full extent of the rigging being moved. Where this is not possible a spotter should be used to watch for any problems.</p>	2	3	6	<p>Cast and Crew to be briefed on when the flying is happening and which bar/item will be flying. Actors briefed on safe and appropriate during live flying.</p> <p>For the Roxie sign: sign flown in several above head height. The two actors passing under the sign while it is safe and tied off, have been briefed to lower their heads and be aware of the sign at that instance. Actors will be briefed never to dance/stand below the sign while it is flying and not yet tied off. Stage Manager and ASM to</p>	1	3	3	Stage Manager, ASM	15/02

					<p>watch the live flying on stage, and the actors' positions, at the same time.</p> <p>For the noose, no bar flown in. Hemp rope simply dropped down on a pulley system, no actor will be under or anywhere near the hemp drop at that time.</p> <p>Will be rehearsed extensively during the technical rehearsal</p>					
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