

Initial Risk Assessment Worksheet

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Activity Name	High Powered “Cert” Rocket Launching	Activity Description	Launching high powered, hobby-style rockets using store bought motors at a Tripoli Sanctioned event	
Task	Identified Hazard	Preliminary Risk Level	Steps to be Taken	Projected Final Risk Level
Motor Assembly	Improper Assembly	I	Follow manufacturer provided instructions.	I
Launch Pad Setup	Misfire	II	Only Approach pad when Tripoli RSO gives signal. RSO will disconnect power from the launch pad.	I
Launch	Rapid Disassembly	II	Stand behind launch line indicated by Tripoli officials	I
Launch	No ignition	I	Reset igniter when RSO gives the signal to approach the launch pads.	I
Launch	No Parachute Deployment	II	Be alert when rockets are launching and to any signal indicating a malfunction recovery system.	I
Recovery	Fire	I	Put fire out before handling.	I
Overall Activity Risk Classification	I	II	III	IV
Overall Activity Risk Classification	X			
SSO Name	SSO Signature		Date	
Advisor Name	Advisor Signature		Date	
Safety Sign-off Name	Safety Sign-off Signature		Date	

