



# ORM MATRIX



## OPERATIONAL RISK MANAGEMENT MATRIX

OPERATION:				ORGANIZATION:		PREPARED BY:	DATE:
Shooting / Sporting Clays				Soul Survivor Outdoor (SSO)		Rick Wolf	
PHASE	HAZARD	CAUSES	INIT RAD	DEVELOP CONTROLS	RES RAC	HOW TO IMPLEMENT	HOW TO SUPERVISE
All	Death or Serious Injury	<ul style="list-style-type: none"> <li>a. Lack of situational awareness</li> <li>b. Complacency</li> <li>c. Not following safety rules</li> </ul>	4 (II/ C)	<ul style="list-style-type: none"> <li>a. Range Safety Officers and SSO Staff are always on the course to ensure safety, address complacent behavior and maintain participant situational awareness.</li> <li>b. Weapons are only loaded when the shooter is ready to engage targets and the target clays are loaded.</li> <li>c. Weapon will always be point down range when loaded.</li> <li>d. Range personnel monitor target clay firing activities at all times</li> <li>e. Sport shooting facilities are design built to mitigate accidental shooting and for the customer's safety</li> <li>f. No more that 4 shooters per group.</li> <li>g. All equipment will be inspected prior to use.</li> <li>h. No weapons leave the course until inspected at the end of the event.</li> </ul>	5 (III / D)	<ul style="list-style-type: none"> <li>a. Range Officer will brief all instructions to participants as well as the mitigating controls.</li> <li>b. Participants will follow all instructions of operation organizers.</li> <li>c. Shooting stops the moment anyone fails to abide by instructions.</li> <li>d. Anyone can call a cease fire if a problem arises or a danger is seen.</li> <li>e. Participants will remain with group at all times.</li> </ul>	<ul style="list-style-type: none"> <li>a. Unit leaders, Range Staff and SSO will pass importance of following instructions and ensure all Participants are in compliance will all instructions given by Range Personnel.</li> <li>b. Operation organizer(s) oversee entire operation. Participants are responsible for their actions.</li> <li>c. Participants unit leadership will be notified of any range violations.</li> </ul>



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PHASE	HAZARD	CAUSES	INIT RAD	DEVELOP CONTROLS	RES RAC	HOW TO IMPLEMENT	HOW TO SUPERVISE
All	Broken bone / severe laceration or bruise	a. Tripping / Falling b. Heavy object falls on Participants	4 (III / C)	a. Follow instructions b. Remain with the group . c. Maintain situational awareness.	5 (IV / D)	a. Guides, SSO and SNCOIC will brief this hazard to participants as well as the mitigating controls. b. Participants will follow instructions of operation organizers. c. Participants remains with group at all times.	SNCOIC conducts a safety brief prior to participants prior to departure from unit area. Operation organizer(s) oversee entire operation. Participants are responsible for their actions.
All	Sunburn	a. Long exposure to sunlight	2 (III / A)	a. Pre-stage sunscreen with gear the night prior. b. Use buddy system to apply sunscreen to hard to reach areas. c. Ensure all Participants wear the proper gear.	5 (IV / C)	a. First aid kit on hand at the event. b. Extra sunscreen carried in first aid dry bag.	Same as above
All	Dehydration	a. Failure to hydrate prior to and during camping trip.	4 (III / C)	a. Ensure hydration system is full prior to execution of trip. b. Hydrate. c. Eat a balance breakfast the morning of the trip and snack throughout execution.	5 (IV / D)	a. Prepare a gear list and operation schedule prior to each execution. b. Use the gear list to prepare the night before.	Same as above
All	Vehicle accident	a. Failure to follow speed limits. b. DUI. c. Distracted driving. d. Unsafe vehicle e. Unforeseen actions of another driver.	3 (I / D)	a. Participants wears seatbelt at all times. b. Utilize gov transportation when possible.	5 (IV / D)	a. Participants observes driver prior to entering vehicle to assess if driver is sober. b. If driver is unsafe, Participants insists driver slow down and/or drive in a safe manner. c. Participants calls chain of command or 911, if required for assistance.	Same as above
All	Animal/bug bite	a. Failure of situation awareness. b. Animals/bugs unnoticed in the environment.	4 (III / C)	a. Follow instructions. b. Remain with the group. c. Maintain situational awareness. d. Apply bug spray.	5 (IV / D)	a. Section leader will brief this hazard to the Participants as well as the mitigating controls. b. Participants will follow instructions of operation organizers. c. Participants remains with group at all times.	SNCOIC conducts a safety brief prior to participants prior to departure from unit area. Operation organizer(s) oversee entire operation. Participants are responsible for their actions.



# ORM MATRIX (Cont.)



<b><u>RISK ASSESSMENT CODE (RAC)</u></b> 1 – Critical, 2 – Serious, 3 – Moderate, 4 – Minor, 5 – Negligible	<b>OVERALL RISK ASSESSMENT</b> <b><u>Moderate/Negligible</u></b>					<b><u>COMMAND REVIEW APPROVAL</u></b>				
<b><u>HAZARD SEVERITY</u></b> <b>I – CATASTROPHIC</b> – Death, Permanent Disability, Major Property Damage. <b>II – CRITICAL</b> – Permanent Partial Disability, Major System or Property Damage. <b>III – MARGINAL</b> – Minor Injury, Minor System or Property Damage. <b>IV – NEGLIGIBLE</b> – First Aid, Minor System Repair.	<b>RAC Assessment Code Matrix</b>									
	<b>RAC CODE MATRIX</b>									
<b>HAZARD SEVERITY</b>	<b>MISHAP PROBABILITY</b>									
		A	B	C	D					
	I	1	1	2	3					
	II	1	2	3	4					
	III	1	2	3	4					
IV	3	4	5	5						
<b><u>MISHAP PROBABILITY</u></b> A – Frequent, B – Likely, C – Occasional, D – Unlikely										

To Be Completed by Command