



ORM MATRIX



OPERATIONAL RISK MANAGEMENT MATRIX

OPERATION:				ORGANIZATION:		PREPARED BY:	DATE:
Tandem Skydiving				Soul Survivor Outdoor (SSO)		Rick Wolf	
PHASE	HAZARD	CAUSES	INIT RAD	DEVELOP CONTROLS	RES RAC	HOW TO IMPLEMENT	HOW TO SUPERVISE
All	Death Broken bone Concussion Laceration Bruise	a. Fall from height b. Falling while walking /standing c. Heavy object falls on Participants	1 (I/D)	a. Licensed/professional tandem skydiving conducted by licensed United States Parachute Association Group Member company, vendor, organization. b. Experienced instructor present and monitoring all activities at all times. c. All instructions are followed. d. All maintain situational awareness. e. Height will not exceed 13,000 ft. f. All equipment will be inspected by instructor prior to use. g. All equipment will be properly utilized and in place. h. Proper harness wear and usage will be inspected by USPA member staff. i. Proper commands and communication will be established by company, vendor, organization and participants at all times.	5 (III / D)	a. Skydiving staff will brief all instructions to participants as well as the mitigating controls. b. Participants will follow all instructions of operation organizers. c. The activity stops the moment anyone fails to abide by instructions. d. Anyone can call an audible if a problem arises or a danger is seen. e. Participants will remain with group at all times.	a. Skydiving staff, and SSO will pass importance of following instructions and ensure all Participants are in compliance will all instructions given by personnel from skydiving staff. b. Skydiving staff and SSO staff and volunteers oversee entire operation. Participants are responsible for their actions. c. Participants are responsible for their actions and will be held accountable by Participants leadership.

SSO (Soul Survivor Outdoor) utilizes only United States Parachute Association (USPA) Group Member companies, vendors, organizations, to conduct skydiving activities. USPA members have pledged to operate their facilities to the highest known industry safety standards. Soul Survivor Outdoor selected companies, vendors, organizations have thousands of skydives and the pilots are trained to the highest standards.



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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. Falling/Tripping b. Heavy object falls on Participant	4 (III / C)	a. Follow instructions b. Remain with the group. c. Maintain situational awareness.	5 (IV / D)	a. Skydiving staff, 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.	Skydiving staff conducts a safety brief. Skydiving staff and SSO staff and volunteers 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 available during the trip. 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.	Same as above

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ORM MATRIX (Cont.)



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

To Be Completed by Command