

DELIBERATE RISK ASSESSMENT WORKSHEET (Page 1)

1. Mission / Task Description: Battle Challenge	2. Date (DD/MM/YYYY) December 13, 2015
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3. Prepared By		
A. Last Name /First Name / Middle Initial Davis, Paul O.	B. Rank / Grade Ph.D.	C. Duty Title / Position President
D. Unit First Responder Institute	E. Work Email paul.davis@mac.com	F. Phone DSN /COMM 301.717.8410
G. UIC / CIN (as required)	H. Training Support / Lesson Plan or OPORD (as required) www.BattleChallenge.org	I. Signature of Preparer <i>Paul O. Davis, Ph.D.</i>

5- STEPS OF RM: (1) IDENTIFY HAZARDS (2) ASSESS HAZARDS (3) DEVELOP CONTROLS & MAKE DECISIONS
(4) IMPLEMENT CONTROLS (5) SUPERVISE & EVALUATE

4. Sub-task / Sub-Step of Mission / Task	5. Hazard	6. Initial Risk Level	7. Control	8. How to implement / Who will implement	9. Residual Risk Level
Station 1	Cargo Net Climb	Low IV	Mats & Pad	How: Who: BC Road Crew	Low
Station 2	Knotted Climbing Rope Descent	Low IV	Crash pads	How: Who: BC Road Crew	Low
Station 3	7'2" Climbing Wall	Low IV	Padding and parapet	How: Who: BC Road Crew	Low
Station 4	12' Monkey Bars	Low IV	Mats & Pads Mandatory Gloves	How: Who: BC Road Crew	Low
Station 5	8' Culvert Crawl	Low IV	Carpet	How: Who: BC Road Crew	Low

Additional entries for Items 5-9 are provided on Page 2

10. OVERALL RISK LEVEL AFTER CONTROLS ARE IMPLEMENTED:
<input type="checkbox"/> Extremely High <input type="checkbox"/> High <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Low

11. OVERALL SUPERVISION PLAN and RECOMMENDED COURSE OF ACTION (COA)

12. APPROVAL / DISAPPROVAL of MISSION / TASK	
<input type="checkbox"/> APPROVE <input type="checkbox"/> DISAPPROVE	ADDITIONAL GUIDANCE:

A. Last Name /First Name / Middle Initial	B. Rank / Grade	C. Duty Title / Position	D. Signature of Decision Authority

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4. Sub-task / Sub-Step of Mission / Task	5. Hazard	6. Initial Risk Level	7. Control	8. How to implement / Who will implement	9. Residual Risk Level
Station 6	Jerry Can Shuffle	IV	Load self-limited	How: Who: BC Road Crew	Low
Station 7	Window Egress Shooting Station 1	IV	Helmet	How: Who: BC Road Crew	Low
Station 8	Prone Window Shooting Station 2	IV	Carpeted Surface	How: Who: BC Road Crew	Low
Station 9	“Man Down” Dummy Rescue	IV	Carpeted Surface	How: Who: BC Road Crew	Low
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RISK ASSESSMENT MATRIX				PROBABILITY				
				Frequency of Occurrence Over Time				
				A Frequent (Continuously experienced)	B Likely (Will occur frequently)	C Occasional (Will occur several times)	D Seldom (Unlikely; can be expected to occur)	E Unlikely (Improbable; but possible to occur)
S E V E R E I T Y	E F F E C T I V E H A Z A R D	Catastrophic (Death, Loss of Asset, Mission Capability or Unit Readiness)	I	EH	EH	H	H	M
		Critical (Severe Injury or Damage, Significantly Degraded Mission Capability or Unit Readiness)	II	EH	H	H	M	L
		Moderate (Minor Injury or Damage, Degraded Mission Capability or Unit Readiness)	III	H	M	M	L	L
		Negligible (Minimal Injury or Damage, Little or No Impact to Mission Capability or Unit Readiness)	IV	M	L	L	L	L
				Risk Assessment Levels				
				EH=Extremely High H=High M=Medium L=Low				

13. Risk Assessment Review—To be conducted when risk assessment applies to on-going operations / activities

A. Date	B. Last Name	C. Rank / Grade	D. Duty Title / Position	E. Signature of Reviewer

14. Feedback and Lessons Learned

To date, more than 500 service members (Marines and Airmen) have negotiated the Battle Challenge course without any significant incidents. All competitors wear provided helmets, Body Armor and gloves. Knee and elbow pads are also available, but not needed. All contact surfaces are protected with gym mats or crash pads. There is an assumption that only physically fit personnel are participating and are capable of supporting their body weight through the application of adequate grip strength. "Boots and Utes" are recommended.

15. Additional Comments or Remarks

Pilot studies conducted by prior service members (former Marines, Ranger, Sailors and SEALs) resulted in the addition of padding at certain locations as well as the addition of a rescue protocol and kit in the unlikely event of a Competitor becoming stuck on the cargo net- a rescue protocol developed by a High-Angle Rescue Technician and former Chief Officer from the Albuquerque Fire Department. All structures were designed for wind shear, live load ratings consistent with industrial standards for mechanical engineering and drawings with a PE stamp are available for inspection by safety officers.

Instructions for Completing Form

<p>1. <u>Mission/Task Description:</u> Briefly describe overall Mission, or Task that the Risk Assessment is being conducted for.</p>	<p>9. <u>Residual Risk Level:</u> After controls are implemented, determine resulting probability, severity, and revised Risk Level.</p>
<p>2. <u>Date (DD/MM/YYYY):</u> Self Explanatory.</p>	<p>10. <u>Overall Risk After Controls are Implemented:</u> Assign an overall Risk Assessment Level. This is the highest Residual Risk Level (Block 9).</p>
<p>3. <u>Prepared By:</u> This section is self explanatory and will be filled out by the individual conducting the training/operation and deliberate risk assessment; (UIC = Unit Identification Code, CIN = Course ID Number)</p>	<p>11. <u>Supervision Plan and Recommended Course of Action (COA):</u> Completed by preparer. Identify specific tasks/ levels of responsibility for supervisory personnel and provide the decision authority with a recommend COA for approval or disapproval based upon the overall risk assessment and impact to mission and personnel.</p> <p>“Risk vs. Reward” consideration based on real-time issues.</p>
<p>4. <u>Sub-task/Sub-Step of Mission/Task:</u> Briefly describe any Sub-Tasks associated with Primary Task that warrant risk mitigation consideration.</p>	<p>12. <u>Approval Disapproval of Mission/Task:</u> Items A-D are self explanatory. Final approval authority provides approval or disapproval for Mission/Task based upon overall risk assessment and supervisory plan. Additional guidance included as necessary.</p>
<p>5. <u>Hazard:</u> Enter specific hazards related to the Sub-Task.</p>	<p>13. <u>Risk Assessment Review:</u> Should be conducted on a regular basis. Reviewers should have sufficient oversight of the mission/activity and controls to make valid remarks and inputs regarding needed changes or adjustments (as necessary). Once Residual Risk rises above that already approved, operations should cease until the appropriate approval authority is contacted and approves continued operations.</p>
<p>6. <u>Initial Risk Level:</u> Using the Risk Assessment Matrix, determine probability, severity and associated Risk Level; enter level into column.</p>	<p>14. <u>Feedback and Lessons Learned:</u> Provide specific inputs on the effectiveness of risk controls and their contribution to mission success or failure. Feedback—recommendations for new/revised controls, actionable solutions or alternate actions is essential for effective RM. Ensure valid lessons learned are submitted and briefed as necessary to affected personnel.</p>
<p>7. <u>Control:</u> Enter risk mitigation resources/controls identified to abate or reduce risk relevant to the hazard identified in Block 5.</p>	<p>15. <u>Additional Comments or Remarks:</u> Provide any additional comments, remarks or information as required to support the risk assessment. If this section is to be used as a continuation of Block 14, strike through the block number and title.</p>
<p>8. <u>How to Implement/Who Will Control:</u> Provide brief description of sub-task means of employment (IE...OPORD, Briefing, Rehearsal) and the name of the individual, unit or office that has primary responsibility for control implementation.</p>	<p>Additional Guidance: Block 4-9 continuance page may be reproduced as necessary for processing of all sub-tasks / sub-steps of mission / asks. If a complete page is not utilized, “NOTHING FOLLOWS” should be written into the first unused row in order to identify the last sub-task / sub-step.</p>