

## COMPOSITE RISK MANAGEMENT WORKSHEET

For use of this form, see FM100-14; the proponent is TRADOC

1. MSN/TASK Option Three Drill	2a. DTG BEGIN 6 Dec 2010	2b. DTG END 6 Dec 2011	3. DATE PREPARED (YYYYMMDD) 20100627
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4. PREPARED BY:		
a. LAST NAME Martin	b. RANK SFC	c. POSITION CHIEF TRAINER, U.S. ARMY COMBATIVES SCHOOL

5. SUBTASK	6. HAZARDS	7. INITIAL RISK LEVEL	8. CONTROLS	9. RESIDUAL RISK LEVEL	10. HOW TO IMPLEMENT	11. HOW TO SUPERVISE (WHO)	12. WAS CONTROL EFFECTIVE?
Overall	General Situational Awareness	Moderate	<ul style="list-style-type: none"> <li>- Read and review the risk assessment.</li> <li>- Ensure cadre combat lifesavers are available and have inventoried the combat lifesaver bag.</li> <li>- Identify soldiers with medical problems having the potential to impact training most particularly Traumatic Brain Injury (TBI) to include minor illness, allergies, or previous heat injuries. Soldiers will fill out a medical history questionnaire at the beginning of the course which will be reviewed by cadre. Those with issues will be screened by the medic and if necessary a medical doctor.</li> <li>- Ensure that EVAC procedures have been reviewed. Plan to evacuate soldiers with allergic reactions, heat injuries, or anyone showing symptoms beyond the Primary Instructor's experience and the combat lifesaver's ability to treat. The Primary Instructor will direct an air medevac when the danger of loss of life, limb, or eyesight exists.</li> </ul>	Low	<ul style="list-style-type: none"> <li>1. IAW USAIC Safety SOP 385-6, Risk Mgt for Operations and Training.</li> <li>- Cadre will review all medical history questionnaires</li> </ul>	Primary Instructor	

Additional space for entries in Items 5 through 11 is provided on page 2.

13. OVERALL RISK LEVEL AFTER CONTROLS ARE IMPLEMENTED (Check One)

LOW
  MODERATE
  HIGH
  EXTREMELY HIGH

ISAAC HENDERSON  
CPT, IN  
Commanding

JASON MARTIN  
SFC, USA  
Chief Trainer



ITEMS 5 THROUGH 12 CONTINUED:

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Overall (cont.)	General Situational Awareness (cont.)	Moderate	<p>- Ensure Soldiers have been given time to have a minimum 6 hours of sleep during the previous 24 hours. Brief the importance of sleep to maintain conditioning during the training.</p> <p>- Conduct daily risk assessment in consultation with cadre considering at a minimum all items in above note.</p>	Low	1. IAW USAIC Safety SOP 385-6, Risk Mgt for Operations and Training.	Primary Instructor	
Option Three Drill (student)	Cuts and Abrasions from Clothing or Equipment	Moderate	<p>- Uniform consisting of ACUs and athletic/tennis/ running/wrestling shoes/ bare feet. No watches, rings, belts, ID tags pin-on rank, empty pockets.</p>	Low	<p>- Combatives SOP: FM 3-25.150</p> <p>-Option Three SOP</p> <p>-Option Three Annex A</p> <p>- USAIC 385-6</p> <p>- FM 100-14</p> <p>- Safety Brief</p> <p>- Direct Supervision</p>	Primary Instructor	
	Head Trauma	Moderate	<p>- Puncher will be instructed not to strike student more than 2 consecutive times in the head before missing intentionally.</p> <p>- Punchers will be instructed to strike at a moderate level never going at full force. If a student receives multiple head strikes he/she will be examined by the medic.</p>	Low	<p>- Combatives SOP: FM 3-25.150</p> <p>-Option Three SOP</p> <p>- Option Three Annex A</p> <p>- USAIC 385-6</p> <p>- FM 100-14</p> <p>- Safety Brief</p> <p>- Direct Supervision</p>	Primary Instructor	
	Second impact syndrome	Moderate	<p>- All strikes to the head will be limited to the front and sides, none behind the ears or back of the head.</p> <p>- Floors and walls will be padded and level. If a student receives multiple head strikes he/she</p>	Low	<p>- Combatives SOP: FM 3-25.150</p> <p>- Option Three SOP</p> <p>- Option Three Annex A</p> <p>- USAIC 385-6</p> <p>- FM 100-14</p> <p>- Safety Brief</p> <p>- Direct Supervision</p>	Primary Instructor	

ITEMS 5 THROUGH 12 CONTINUED:

5. SUBTASK	6. HAZARDS	7. INITIAL RISK LEVEL	8. CONTROLS	9. RESIDUAL RISK LEVEL	10. HOW TO IMPLEMENT	11. HOW TO SUPERVISE (WHO)	12. WAS CONTROL EFFECTIVE?
	<p>Accumulation of punches</p> <p>Broken nose and eye socket and facial injuries</p> <p>Students with LASIK eye surgery</p>	<p>Moderate</p> <p>Moderate</p> <p>Moderate</p>	<p>will be examined by the medic.</p> <p>- Drill will be no longer than one minute per iteration. As long as the student is actively attempting to achieve the clinch for 10 seconds he/ she will receive a GO for that iteration.</p> <p>- In the first 3 iteration if the student disengages from the clinch range the drill will be stopped and they will be restarted from the start position.</p> <p>- Puncher will be instructed not to strike student no more than 2 consecutive times in the head before missing intentionally.</p> <p>- Puncher will be instructed not to strike the body more than 2 times per iteration.</p> <p>- Students drill prior to the Achieve the Clinch on how to beat the universal fight plan in accordance with Achieve the Clinch Annex A.</p> <p>- Students will drill how to properly defend themselves.</p> <p>- Punchers will be instructed to strike at a moderate level.</p> <p>- Punchers will wear approved 16oz. boxing gloves.</p> <p>- Students with any type of eye surgery will be identified prior to the drill.</p>	<p>Low</p> <p>Low</p> <p>Low</p>	<p>- Combatives SOP: FM 3-25.150</p> <p>- Option Three SOP</p> <p>- Option Three Annex A</p> <p>- USAIC 385-6</p> <p>- FM 100-14</p> <p>- Safety Brief</p> <p>- Direct Supervision</p> <p>- Combatives SOP: FM 3-25.150</p> <p>- Option Three SOP</p> <p>- Option Three Annex A</p> <p>- USAIC 385-6</p> <p>- FM 100-14</p> <p>- Safety Brief</p> <p>- Direct Supervision</p> <p>- Combatives SOP: FM 3-25.150</p> <p>- Option Three SOP</p> <p>- Option Three Annex A</p> <p>- USAIC 385-6</p> <p>- FM 100-14</p> <p>- Safety Brief</p>	<p>Primary Instructor</p> <p>Primary Instructor</p> <p>Primary Instructor</p>	

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5. SUBTASK	6. HAZARDS	7. INITIAL RISK LEVEL	8. CONTROLS	9. RESIDUAL RISK LEVEL	10. HOW TO IMPLEMENT	11. HOW TO SUPERVISE (WHO)	12. WAS CONTROL EFFECTIVE?
	Jaw dislocation and Broken Teeth	Moderate	<p>-Students with any type of eye surgery will wear standard head gear to prevent scratches to the cornea.</p> <p>- Students will wear a fitted mouth piece at all times during the drill and instructed to bite down on mouth piece.</p>	Low	<p>- Direct Supervision</p> <p>- Combatives SOP: FM 3-25.150</p> <p>- Option Three SOP</p> <p>- Option Three Annex A</p> <p>- USAIC 385-6</p> <p>- FM 100-14</p> <p>- Safety Brief</p> <p>- Direct Supervision</p>	Primary Instructor	
	Broken Ribs	Moderate	<p>- Puncher will be instructed not to strike the body more than 2 times per iteration.</p> <p>- Punchers will wear approved 16oz. boxing gloves.</p> <p>- Punchers will be instructed to strike at a moderate level never going at full force</p>	Low	<p>- Combatives SOP: FM 3-25.150</p> <p>- Option Three SOP</p> <p>- Option Three Annex A</p> <p>- USAIC 385-6</p> <p>- FM 100-14</p> <p>- Safety Brief</p> <p>- Direct Supervision</p>	Primary Instructor	
	Sprain ankle, knees injury, broken toes	Moderate	<p>- Floors will be padded and level.</p> <p>- Mats will be pushed or taped together to insure no gaps between them.</p> <p>- Clinch area will be cleared of all</p>	Low	<p>- Combatives SOP: FM 3-25.150</p> <p>- Option Three SOP</p> <p>- Option Three Annex</p>	Primary Instructor	

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Clinch Drill (puncher)	Receiving strikes while on the ground	Moderate	obstructions.  - Students will be briefed to stand in base if knocked to the ground.  - Punchers will not engage student while they are on the ground or while they have 3 points of contact with the ground.	Low	A - USAIC 385-6 - FM 100-14 - Safety Brief - Direct Supervision  - Combatives SOP: FM 3-25.150 - Option Three SOP - Option Three Annex	Primary Instructor	
	Pulled and strained muscles	Moderate	- Students will stretch and warm up prior to the drill	Low	A - USAIC 385-6 - FM 100-14 - Safety Brief - Direct Supervision  - Combatives SOP: FM 3-25.150 - Option Three SOP - Option Three Annex	Primary Instructor	
	Cuts and Abrasions from Clothing or Equipment	Moderate	- Uniform consisting of ACU top and athletic/tennis/ running/wrestling shoes/ bare feet. No watches, rings, belts, ID tags pin-on rank, empty pockets.	Low	A - USAIC 385-6 - FM 100-14 - Safety Brief - Direct Supervision  - Combatives SOP: FM 3-25.150 - Option Three SOP - Option Three Annex	Primary Instructor	

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	Broken hands and wrists from punching	Moderate	<ul style="list-style-type: none"> <li>- Puncher will wrap their wrist and hands and use approved 16oz. boxing gloves.</li> <li>- Punchers will be instructed to strike at a moderate level never going at full force</li> </ul>	Low	<ul style="list-style-type: none"> <li>FM 3-25.150</li> <li>- Option Three SOP</li> <li>- Option Three Annex A</li> <li>- USAIC 385-6</li> <li>- FM 100-14</li> <li>- Safety Brief</li> <li>- Direct Supervision</li> </ul>	Primary Instructor	
	Injuries to head, nose, and teeth	Moderate	<ul style="list-style-type: none"> <li>- Being aware of student and protecting himself at all times</li> <li>- Puncher will wear a mouth piece</li> </ul>	Low	<ul style="list-style-type: none"> <li>- Combatives SOP: FM 3-25.150</li> <li>- Option Three SOP</li> <li>- Option Three Annex A</li> <li>- USAIC 385-6</li> <li>- FM 100-14</li> <li>- Safety Brief</li> <li>- Direct Supervision</li> </ul>	Primary Instructor	
	Injury to fingers, hands, and arms from takedowns	Moderate	<ul style="list-style-type: none"> <li>- Students will not attempt to take the puncher to the ground</li> </ul>	Low	<ul style="list-style-type: none"> <li>- Combatives SOP: FM 3-25.150</li> <li>- Option Three SOP</li> <li>- Option Three Annex A</li> <li>- USAIC 385-6</li> <li>- FM 100-14</li> <li>- Safety Brief</li> <li>- Direct Supervision</li> </ul>	Primary Instructor	
	Broken ribs	Moderate	<ul style="list-style-type: none"> <li>- Students will be briefed not to pick up the puncher up at any time during the drill.</li> <li>- Student will not squeeze puncher with</li> </ul>	Low	<ul style="list-style-type: none"> <li>- Combatives SOP: FM 3-25.150</li> <li>- Option Three SOP</li> <li>- Option Three Annex A</li> <li>- USAIC 385-6</li> <li>- FM 100-14</li> <li>- Safety Brief</li> <li>- Direct Supervision</li> </ul>	Primary Instructor	

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Environmental	Sprain ankle, knees injury, broken toes	Moderate	double under hooks.  - Floors will be padded and level.  - Mats will be pushed or taped together to insure no gaps between them.  - Clinch area will be cleared of all obstructions.	Low	- Combatives SOP: FM 3-25.150 - Option Three SOP - Option Three Annex A - USAIC 385-6 - FM 100-14 - Safety Brief - Direct Supervision	Primary Instructor	
	Hazing	Moderate	- All punchers will be Tactical level certified at a minimum.  - Punchers will be briefed on the purpose of the drill  - A rotation plan will be worked out so that a puncher will not have the same student more than once.  - Safety NCOIC and Ring NCOIC/ OIC will be present for the complete duration of drill will be Basic Instructor certified and will not act as punchers at any time during the drill.  - The 1SG, XO, or CO of the Unit conducting the drill will be present.	Low	-Area inspection and prep by instructors prior to TNG  -Area inspection and prep by instrcotors prior to TNG  -Facility inspection by instructors -Unit conducting TNG properly resources facility	Primary Instructor	
	Outdoor Training	Moderate	-Area will be clear of rocks, sticks or debris that will cause injury.	Low	- Combatives SOP: FM 3-25.150 - USAIC 385-6	Primary Instructor	

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<p>Consideration (illumination, temperature, visibility, etc.)</p>	Indoor Training	Moderate	<ul style="list-style-type: none"> <li>- Area will be clear of ants, insects, or irritating plants that may cause injury.</li> <li>-Soldiers will be advised against impact injuries due to hardness of ground compared to mat training.</li> </ul>	Low	<ul style="list-style-type: none"> <li>- FM 100-14</li> <li>- Safety Brief</li> <li>- Cadre Rehearsal</li> <li>- Direct Supervision</li> </ul>	Primary Instructor	
	Injury requiring MEDEVAC	Moderate	<ul style="list-style-type: none"> <li>-Provide an adequately padded fighting area with mats on the walls and floors.</li> <li>-Facility equipped with full latrines and drinking fountain for soldiers.</li> </ul>	Low	<ul style="list-style-type: none"> <li>- Combatives SOP: FM 3-25.150</li> <li>- USAIC 385-6</li> <li>- FM 100-14</li> <li>- Safety Brief</li> <li>- Cadre Rehearsal</li> </ul>	Primary Instructor	
	Heat Injury (Soldiers become overheated and do not cool down properly)	Moderate	<ul style="list-style-type: none"> <li>-At least one CLS qualified instructor supplied with emergency medical equipment.</li> <li>-Centrally located facility with hardwired phone lines and access to EMS system.</li> <li>-CLS or medic will evaluate and determine method of EVAC if needed.</li> <li>-Call 911/ Range Control for cases of severe trauma.</li> </ul>	Low	<ul style="list-style-type: none"> <li>- Direct Supervision</li> <li>- Use USAIC REG 40-14 and FB Form 7</li> <li>-USAIC heat injury prevention card</li> </ul>	Primary Instructor	
			<ul style="list-style-type: none"> <li>-Leaders review heat injury types, preventive measures, signs, and treatment.</li> <li>-Ensure Soldiers have adequate time for breaks between blocks of instruction. Monitor soldiers and heat index [follow FB Form 7 (APR 99)] at HEAT CAT IV and again when it reaches HEAT CAT V.</li> <li>-Cadre will monitor and log WBGT Index.</li> <li>-Ice sheets will be present during training.</li> <li>-Identify, mark and monitor soldiers with</li> </ul>	Low		Primary Instructor	

ITEMS 5 THROUGH 12 CONTINUED:

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			<p>previous heat injuries.                      -Soldiers briefed on signs of heat injuries.</p> <p>-Adjust training/uniform based on heat index.                      - When two or more soldiers suffer a heat injury, halt training and evaluate all soldiers.</p> <p>-For non-acclimatized personnel (within first 14 days of training) for heat category III and higher follow work/rest cycles, and water intake on the USAIC heat injury prevention card.</p>				