COMPOSITE RISK MANAGEMENT WORKSHEET

(CDTCMD Reg 385-10; proponent agency is Cadet Command Safety)

1. Organization and Unit Location:	2. Page		of	

3. Mission/Task:	4. Begin Date:	5. End Date:	6. Date Prepared:

7. Operational Phase in which the Mission/Task will be conducted:

8. Tasks	9. Identify Hazards	10. Initial Risk Level	11. Develop Controls	12. Residual Risk Level	13. Implement Controls ("How To")	14. Who/How Supervised	15. Was Control Effective?

16. Determine Overall Mission/Task Risk Level After Countermeasures Are Implemented:

(Circle Highest Remaining Risk Level) ™

LOW (L) **MODERATE (M)** **HIGH (H)** **EXTREMELY HIGH (E)**

17. Medical Support: Advanced Trauma Life Support (ATLS) is required within 1 hour. On-site Medical Support provided (Circle one): Medic Doctor/Nurse Combat Lifesaver None

18. Prepared by: (Rank, Last Name, Duty Position)	19. Reviewed by Action Officer/Commander: (Rank, Last Name, Duty Position and Signature):

20. Risk Decision Authority (Signature Block and Signature):

Extremely High Risk: Not Applicable for Cadet Command
High Risk: CG or DCG
Moderate Risk: Brigade Cdr (0-6). At LDAC, LTC/ JCLC – Region Cdr or CofS
Low Risk: Battalion Cdr. At LDAC, LTC/ Commandant– Committee Chief or Regimental Cdr/TAC Officer

Risk Assessment and Risk Management Countermeasure Worksheets in CC Reg 145-3 are OBSOLETE

Sample Composite Risk Management Worksheet

RISK MANAGEMENT WORKSHEET
(CDTCMD Reg 385-10; proponent agency is Cadet Command Safety)

1. Organization and Unit Location: ROTC Battalion | 2. Page: 1 of 2

3. Mission/Task: Conduct Rappel Training (include Transportation to and from Tower) | 4. Begin Date: | 5. End Date: | 6. Date Prepared:

7. Operational Phase in which the Mission/Task will be conducted: Throughout training phase

8. Tasks	9. Identify Hazards	10. Initial Risk Level	11. Develop Controls	12. Residual Risk Level	13. Implement Controls ('How To')	14. Who/How Supervised
Transportation to tower.	Driver Fatigue	M	Ensure driver gets adequate rest.	L	AR 385-55, Prevention of Motor Vehicle Accidents	Driver – Self
	Traffic/Congestion	M	Drive slower and defensively.	L		Driver – Self
	Weather Conditions (rain/ice on road)	H	Drive slower than posted speed limit.	M	AR 600-55, Army Driver and Operator Standardization Program	Driver – Self
Rappelling from a 34-ft Tower	Inexperienced cadets	H	Instruct and demonstrate: (1) Fundamentals of rappelling, (2) How to properly tie knots and (3) Safety requirements. Always require use of helmets and gloves.	M	TSP No.1, Basic Rappelling TC 21-24, Rappelling	Qualified Rappel Master will supervise.
	Equipment failure resulting in falls.	H	Conduct a safety inspection of tower and all rappelling equipment prior to training exercise.	M	TC 21-24, Rappelling	Rappel Master will inspect.
			Conduct annual safety inspection of tower.	M	AR 385-10, Safety Program DA Pam 385-1, Unit Safety	Army Safety Officer, CDSO, Univ. Safety.
	Heat Injury/ Dehydration	H	Monitor Heat Index, advise all to drink sufficient volumes of water at frequent intervals, carry canteen(s) and know location of water points.	M	TB MED 507 Water buffalo/jugs on site. GTA 8-5-50	Cadre monitor weather.
	Wildlife, insects and plants	M	Brief cadets to avoid wildlife, insects and plants. Use insect repellent. Have bee stings kits available.	L	FM 21-10 GTAs based on area.	Cadre monitor Heat Index. Use buddy system.

15. Determine Overall Mission/Task Risk Level After Countermeasures Are Implemented: (Circle Highest Remaining Risk Level) LOW (L) MODERATE (M) HIGH (H) EXTREMELY HIGH (E)

16. Medical Support: Advanced Trauma Life Support (ATLS) is required within 1 hour. On-site Medical Support provided (Circle one): Medic Combat Lifesaver ABC/NSC First-Aid Responder None

17. Prepared by: (Rank, Last Name, Duty Position) | 18. Reviewed by Action Officer/Commander: (Rank, Last Name, Duty Position and Signature):

19. Risk Decision Authority (Signature Block and Signature):

Extremely High Risk: Not Applicable for Cadet Command
High Risk: CG or DCG
Moderate Risk: Brigade Cdr (0-6). At Advanced/Basic Camp – Region Cdr or CofS
Low Risk: Battalion Cdr. At Advanced/Basic Camp – Committee Chief or Regimental Cdr/TAC Officer

CDTCMD Form 385-1-R-E, Apr 01 Risk Assessment and Risk Management Countermeasure Worksheets in CC Reg 145-3 are OBSOLETE

Work Sheet Instructions

Blocks

1 – 8. Self explanatory

9. **Identify Hazards** – Review METT-TC factors for the mission or task. Additional factors include historical lessons learned, experience, judgment, equipment characteristics and warnings, and environmental considerations.
10. **Initial Risk Level –** Assess hazard and determine initial risk for each hazard by applying risk assessment matrix.
11. **Develop Controls –** Develop one or more controls for each hazard that will either eliminate the hazard or reduce the risk (probability and/or severity). Specify who, what, where, why, when, and how for each control.
12. **Residual Risk Level –** Determine the residual risk for each hazard by applying the risk assessment matrix, assuming the controls are implemented.
13. **Implement Controls –** Decide how each control will be put into effect or communicated to the personnel who will make it happen (written or verbal instruction; tactical, safety, garrison SOPs, rehearsals).
14. **Who/How Supervised – Who and how will each control be monitored (continuous sup**ervision, spot-checks). Evaluate frequently and pass on lessons learned.
15. **Was Control Effective? -**-YES or NO (Discuss after action review)
16. **Determine Overall Mission/Task Risk –** Select the highest residual risk level and circle it. This becomes the overall mission or task risk level. The commander decides whether the controls are sufficient to accept the level of residual risk. If the risk is too great to continue the mission or task, the commander directs development of additional controls or modifies, changes, or rejects the COA.
17. **Medical Support –** Select type of on-site medical support provided and circle it.

18 & 19. Self explanatory

20.. **Risk Decision Authority** – The decision to accept or not accept the risk(s) associated with an action is made by the appropriate commander or leader responsible for performing that action.

Need to Risk Manage a METT-TC Hazard

Hazards not adequately controlled are likely to cause loss of combat power. Answer the following questions about each hazard to determine if it is adequately controlled. If not, hazards needs to be risk managed.

Are the Controls Adequate?	Yes	No
Support – Is type/amount/capability/condition of support adequate to carry out the mission? • Personnel • Supplies • Equipment/Material • Services/Facilities		
Standards – Is guidance / procedure adequately clear / practical /specific to control hazard?		
Training – Is training adequately thorough and recent to control hazard?		
Leader – Is leadership ready, willing, and able to enforce standards required to control hazard?		
Individual/Unit Self-Discipline – Is performance and conduct sufficiently self-disciplined to control hazard?		

If all "yes", no further action required (subject to commander's risk guidance). If one or more "no ", risk manage this hazard

Composite Risk Assessment Matrix

SEVERITY	PROBABILITY: Frequent	Likely	Occasional	Seldom
Catastrophic	E	E	H	H
Critical	E	H	H	M
Marginal	H	M	M	L

PROBABILITY – The likelihood that an event will occur.

FREQUENT – Occurs often, continuously experienced.

LIKELY – Occurs several times.

OCCASIONAL – Occurs sporadically.

SELDOM – Unlikely, but could occur at some time.

SEVERITY – The expected consequence of an event in terms of degree of injury, property damage, or other mission-impairing factors.

CATASTROPHIC – Death or permanent total disability, system loss, major damage, significant property damage, mission failure.

CRITICAL – Permanent partial disability, temporary total disability in excess of 3 months, major system damage, significant property damage, significant mission degradation.

MARGINAL – Minor injury, lost workday accident, minor system damage, minor property damage, some mission degradation.

* FM 101-5, 31 May 1997