# **Examples of Risk Management Application**

The examples in this appendix are designed to help those charged with managing risk.

# TRACKING TOOL

The work sheet instructions are in Figure A-1.

|       | Work Sheet Instructions   |
|-------|---|
| Block |   |
| A – D | Self explanatory  |
| E     | Identify task relating to the mission or task in Block A  |
| F     | Identify Hazards – Identify hazards by reviewing METT-T factors for the mission or task. Additional factors include historical lessons learned, experience, judgment, equipment characteristics and warnings, and environmental considerations.   |
| G     | Assess Hazards – Assessment includes historical lessons learned, intuitive analyses, experience, judgment, equipment characteristics and warnings, and environmental considerations. Determine initial risk for each hazard by applying risk assessment matrix (Figure 2-4). Enter the risk level for each hazard.  |
| н     | <b>Develop Controls</b> – Develop one or more controls for each hazard that will either eliminate the hazard or reduce the risk (probability and/or severity) of a hazardous incident. Specify who, what, where, why, when, and how for each control. Enter controls.   |
| ı     | <b>Determine Residual Risk</b> – Determine the residual risk for each hazard by applying the risk assessment matrix (Figure 2-4). Enter the residual risk level for each hazard.  |
| J     | 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). Enter controls.   |
| К     | 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. |
|       | Supervise and Evaluate – This last step is not on the worksheet. Plan how each control will be monitored for implementation (continuous supervision, spot-checks) and reassess hazards as the situation changes. Determine if the controls worked and if they can be improved. Pass on lessons learned.   |

Figure A-1. Risk Management Work Sheet Instructions

of training and combat missions and tasks.

management steps taken during planning, preparation, and execution track the process of hazards and risks. It can be used to document risk

The work sheet (Figure A-2) provides a starting point to logically

| A. Mission or Task: |                        |                      | B. Date/Time Group<br>Begin:<br>End: |              |                                  | C. Date Prepared:                      |  |
|---------------------|------------------------|----------------------|--------------------------------------|--------------|----------------------------------|--|--|
| D. Prepare          | ed By: (Rank, La       | st Name, Duty I      | Position)                            |              |                                  |  |  |
| E. Task             | F. Identify<br>Hazards | G. Assess<br>Hazards |                                      | p Controls   | I. Determine<br>Residual<br>Risk | J. Implement<br>Controls<br>("How To") |  |
|                     |                        | 5                    |                                      |              |                                  |  |  |
| K. Determ           | ine overall mis        | sion/task risk       | k level after                        | controls are | implemented                      | d (circle one)                         |  |
|                     | LOW (L)                | MODERA               | TE (M)                               | HIGH (H      | ) EXTF                           | REMELY HIGH (E)                        |  |

Figure A-2. Sample Risk Management Work Sheet

individuals manage A. Mission or Task: B. Date/Time Group C. Date Prepared: Begin: 010035R May XX 29 April XX **Examples** Prepare defensive positions End: 010600R May XX LT Jones, Plt Ldr **D. Prepared By:** (Rank, Last Name, Duty Position) G. Assess E. Task F. Identify H. Develop Controls I. Determine J. Implement Hazards Hazards Residual Controls provided ("How To") Risk Use proper lift and carry Low (L) Unit TACSOP. Construct Back injuries Moderate (M) risk at the methods and wear concertina nonstandard and wire cuts ARTEP 5-145 DRILL antivehicular during materiel wire gloves and safety goggles (pg 2-44) offload ÄŘTEP 5-335-11-MTP wire obstacle in Unit TACSOP. Blunt trauma Moderate (M) Wear helmet and increase Low (L) Figures situational awareness ARTEP 5-145 DRILL and cuts in pounding of (pq 2-44)tactical level. U-shaped ÄŘTEP 5-335-11-MTP pickets Cuts when Wear concertina wire gloves Unit TACSOP. Moderate (M) Low (L) and maintain situational ARTEP 5-145 DRILL unrolling (pg 2-44) ARTEP 5-335-11-MTP concertina awareness through A-6 should help Cuts when Wear concertina wire gloves Unit TACSOP. Moderate (M) Low (L) and maintain situational ARTEP 5-145 DRILL installing (pg 2-44) ARTEP 5-335-11-MTP concertina awareness Cuts when Moderate (M) Wear concertina wire gloves Low (L) Unit TACSOP. and maintain situational ARTEP 5-145 DRILL installing (pg 2-44) ARTEP 5-335-11-MTP barbed wire awareness K. Determine overall mission/task risk level after controls are implemented (circle one) LOW (L) MODERATE (M) HIGH (H) EXTREMELY HIGH (E)

**Figure** A-3. Example 으 ģ Completed Squad/Platoon Risk Management Work Sheet

| A. Mission                 |   | ette els             | B. Date/Time Group<br>Begin: 010035F             | R May XX                     | C.  |  |  |  |  |  |  |
|----------------------------|---|----------------------|--|------------------------------|-----|--|--|--|--|--|--|
|                            | t a deliberate  |                      | <b>End</b> : 010600F                             |                              |     |  |  |  |  |  |  |
| D. Prepare                 | red By: (Rank, Last Name, Duty Position) CPT William Wallace, Cdr |                      |  |                              |     |  |  |  |  |  |  |
| E. Task                    | F. Identify<br>Hazards  | G. Assess<br>Hazards | H. Develop Controls                              | I. Determ<br>Residua<br>Risk |     |  |  |  |  |  |  |
| Conduct obstacle breaching | Obstacles   | High (H)             | Develop and use obstacle reduction plan          | Low (L)                      |     |  |  |  |  |  |  |
| operations                 | Inexperienced soldiers  | High (H)             | Additional instruction and increased supervision | Moderate                     | (M) |  |  |  |  |  |  |
|                            | Operating under limited visibility                                | Moderate (M)         | Use NVDs; use IR markers on vehicles             | Low (L)                      |     |  |  |  |  |  |  |
|                            | Steep cliffs  | High (H)             | Rehearse use of climbing ropes                   | Moderate                     | (M) |  |  |  |  |  |  |
|                            | Insufficient planning time  | High (H)             | Plan and prepare concurrently                    | Moderate                     | (M) |  |  |  |  |  |  |

| A. Mission or Task:  Conduct a deliberate attack |                                    |                      | B. Date/Time Group<br>Begin: 010035R May XX<br>End: 010600R May XX |                                 | C. Date Prepared:<br>29 April XX                          |  |
|--|------------------------------------|----------------------|--|---------------------------------|---|--|
| D. Prepare                                       | ed By: (Rank, La                   | st Name, Duty I      | Position) CPT William Walla  | ce, Cdr                         |   |  |
| E. Task  | F. Identify<br>Hazards             | G. Assess<br>Hazards | H. Develop Controls  | I. Determir<br>Residual<br>Risk |   |  |
| Conduct<br>obstacle<br>breaching                 | Obstacles                          | High (H)             | Develop and use obstacle reduction plan                            | Low (L)                         | Unit TACSOP, OPORD, training handbook                     |  |
| operations                                       | Inexperienced soldiers             | High (H)             | Additional instruction and increased supervision                   | Moderate (N                     | Modified training schedule, additional instruction        |  |
|  | Operating under limited visibility | Moderate (M)         | Use NVDs; use IR markers on vehicles                               | Low (L)                         | Unit TACSOP, OPORD  |  |
|  | Steep cliffs                       | High (H)             | Rehearse use of climbing ropes                                     | Moderate (N                     | FM 90-6, Mountain Operations<br>TC 90-6-1, Mountaineering |  |
|  | Insufficient planning time         | High (H)             | Plan and prepare concurrently                                      | Moderate (N                     | OPORD, troop-leading procedures                           |  |
|  |                                    |                      |  |                                 |   |  |

K. Determine overall mission/task risk level after controls are implemented (circle one)

LOW (L)

(MODERATE (M))

HIGH (H)

EXTREMELY HIGH (E)

Risk Management

| A. Mission or Task:   |   |                      | B. Date/Time Group   | C. Date Pro                      | C. Date Prepared:   |  |  |
|---|---|----------------------|--|----------------------------------|---|--|--|
| Redeploy unit to home station   |   |                      | Begin: 010035R May XX<br>End: 010600R May XX   |                                  | 29 April XX   |  |  |
| D. Prepare  | d By: (Rank, Last N   | Name, Duty Po        | sition) MAJ Woolsey, S3  |                                  |   |  |  |
| E. Task   | F. Identify<br>Hazards  | G. Assess<br>Hazards | H. Develop Controls  | I. Determine<br>Residual<br>Risk | J. Implement<br>Controls<br>("How To")  |  |  |
| Conduct<br>convoy<br>operations-<br>movement<br>from<br>Grafenwohr<br>to home<br>base | Fatigue leading to poor judgment/ accident- causing errors              | Moderate (M)         | 1. Ensure all drivers receive adequate rest the night before movement     2. Brief planned rest stops and actions to take if driver becomes too tired/ill or has doubts about alertness     3. Have NCOs check physical alertness of drivers prior to movement   | Low (L)                          | Unit SOP, OPORD on<br>Tactical Road March,<br>STP 21-2-MQS<br>(Tactical Road March) |  |  |
|   | Fast moving traffic<br>mix of cars and<br>large trucks with<br>trailers | Moderate (M)         | 1. Use extreme caution when passing     2. Continue to scan (be aware of) traffic     3. Brief all drivers and vehicle commanders on lane-changing procedures  | Low (L)                          | German laws and unit SOP  |  |  |
|   | Accidents and breakdowns blocking road                                  | Moderate (M)         | 1. Brief drivers on actions to take     a. Pull as far off the road as possible     b. Get out on passenger side     c. Post triangle sign at least 100 meters behind vehicle     d. Stay as far away from vehicle and traffic as possible     e. Brief all personnel on maintenance plan/action if vehicle is disabled     f. Brief all personnel on procedures for vehicle exits on the traffic side | Low (L)                          | Unit SOP, OPORD on<br>Tactical Road March   |  |  |

| A. Mission  |   |                      | B. Date/Time Group   | C. Date Pre                      | epared:                                |
|---|---|----------------------|--|----------------------------------|--|
| (continué   | Redeploy unit to home station (continued)   |                      | Begin: 010035R Dec XX<br>End: 010600R Dec XX   |                                  | 29 Nov XX                              |
| D. Prepare  | ed By: (Rank, Last  | Name, Duty P         | osition) MAJ Woolsey, S3   |                                  |  |
| E. Task   | F. Identify<br>Hazards  | G. Assess<br>Hazards |  | I. Determine<br>Residual<br>Risk | J. Implement<br>Controls<br>("How To") |
| Conduct<br>convoy<br>operations-<br>movement<br>from<br>Grafenwohr<br>to home<br>base | Accidents and<br>breakdowns<br>blocking road<br>(continued)                           | Moderate (M)         | Leaders ensure that proper maintenance are done prior to move (PMCS), dispatching and licensing procedure.     Contact team follows convoy and repairs or removes disabled vehicles from highway.  | Low (L)                          |  |
|   | Weather<br>conditions– high<br>winds, sleet, snow                                     | High (H)             | Reduce speed according to environmental conditions less stopping distance available.     Road conditions especially right after rains – hydroplaning – review procedures for skids or hydroplanes.     Maintain convoy interval to allow for braking and assist civilian traffic in passing. | Moderate (M)                     | Unit SOP and vehicle operations manual |
|   | High winds—<br>reduction<br>visibility, sudden<br>reduction due to<br>passing traffic | Moderate (M)         | Change lanes carefully; ensure clearance and avoid erratic moves     Be aware of winds and effects on vehicles.     Drive defensively.   | Low (L)                          | German traffic laws                    |
|   | 20% downgrade at checkpoint 1   | Moderate (M)         | 1. Use lower gears.<br>2. Reduce speed to 25 mph   | Low (L)                          | Unit SOP and vehicle operations manual |

| (continué   | y unit to home<br>ed)                             |                      | B. Date/Time Group<br>Begin: 010035R Dec X<br>End: 010600R Dec X   | X                                | Prepared:<br>29 Nov XX  |
|---|---|----------------------|--|----------------------------------|---|
| D. Prepared E. Task  Conduct                                    | d By: (Rank, Last<br>F. Identify<br>Hazards       | G. Assess<br>Hazards | Desition) MAJ Woolsey, S3  H. Develop Controls   | I. Determine<br>Residual<br>Risk | J. Implement<br>Controls<br>("How To")  |
| Conduct convoy operations-movement from Grafenwohr to home base | Heavy traffic,<br>traffic jams, and<br>congestion | Moderate (M)         | 1. Use extreme caution when passing 2. Use headlights at all times 3. Brief convoy speeds and vehicle intervals 4. Brief actions to take if vehicle pulls in front a. Maintain clearance from vehicle b. Maintain braking distance 5. Stay in right lane in construction zones 6. Ensure AMVs 2 or more meters wide remain in right lane 7. Continuously scan surroundings (situational awareness) | Low (L)                          | Provide risk<br>assessment to convoy<br>leaders.<br>Provide safety brief<br>information to leaders<br>and drivers |

K. Determine overall mission/task risk level after controls are implemented (circle one)

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

| on or Task:<br>e Enforceme | ent  |  | B. Date/Time Group<br>Begin: 010035R May XX<br>End:  |  |   | C. Date Prepared:<br>29 April XX  |  |
|----------------------------|--|--|--|--|---|---|--|
| red By: (Rank              | k, Last Name, Di                                   | uty P  | osition) G-3 Div/Corps/EAC   |  |   |   |  |
| F. Identify<br>Hazards     | G. Assess<br>Hazards                               | Н.   | Develop Controls   |  |   | J. Implement<br>Controls<br>("How To")  |  |
| Assault on facilities      | Moderate (M)                                       | supp   | porters  | Low (L)  |   | Coordination with local law<br>enforcement agencies<br>FM 5-103, Survivability<br>General /Order  |  |
| Ambush                     | Moderate (M)                                       | outs<br>Mini   | ide cantonment area mum of 4 vehicles for movement   | Low (L)  |   | Rehearsals<br>Immediate action drills<br>General orders   |  |
| Mines                      | High (H)   | Mine   | e awareness training   | Moderate   | (M)   | FM 20-32, Mine/Countermin<br>Operations<br>Lessons learned  |  |
|                            | F. Identify Hazards  Assault on facilities  Ambush | F. Identify Hazards  Assault on facilities  Ambush  Moderate (M)  Moderate (M) | F. Identify Hazards  Assault on facilities  Moderate (M) Idensup Hard  Ambush  Moderate (M) Kevlouts  Mines  High (H)  Could Mines | red By: (Rank, Last Name, Duty Position) G-3 Div/Corps/EAC  F. Identify Hazards  Assault on facilities  Moderate (M) Identify and isolate combatants, terrorists, supporters Harden potential terrorist targets  Ambush  Moderate (M) Kevlar helmets and flak jackets required outside cantonment area  Minimum of 4 vehicles for movement Two qualified drivers per vehicle | Pe Enforcement  Begin: 010035R May XX End:  red By: (Rank, Last Name, Duty Position) G-3 Div/Corps/EAC  F.Identify Hazards  G. Assess Hazards  H. Develop Controls  I. Determine Residual Risk  Assault on facilities  Moderate (M)  Identify and isolate combatants, terrorists, supporters Harden potential terrorist targets  Low (L)  Ambush  Moderate (M)  Kevlar helmets and flak jackets required outside cantonment area  Minimum of 4 vehicles for movement Two qualified drivers per vehicle  Mines  High (H)  Countermine plan Mine awareness training | Ped By: (Rank, Last Name, Duty Position) G-3 Div/Corps/EAC  F. Identify Hazards  G. Assess Hazards  H. Develop Controls  I. Determine Residual Risk  Assault on facilities  Moderate (M)  Ambush  Moderate (M)  Kevlar helmets and flak jackets required outside cantonment area  Minimum of 4 vehicles for movement  Two qualified drivers per vehicle  Mines  High (H)  Countermine plan  Mine awareness training  May XX  End:  1. Determine Residual Risk  Low (L)  Low (L)  Moderate (M)  Moderate (M) |  |

| Figure A-6.  |                                 | n or Task:<br>e Enforcement                 |                      | B. Date/Time Group<br>Begin: 010035R<br>End:                          | May XX                      | C. Date Prepared:<br>29 April XX  |
|--|---------------------------------|---|----------------------|---|-----------------------------|---|
| _ ₽  | D. Prepar                       | red By: (Rank, La                           | ast Name, Duty I     | Position) G-3 Div/Corps/EAC   |                             |   |
| Ť  | E. Task                         | F. Identify<br>Hazards                      | G. Assess<br>Hazards | H. Develop Controls   | I. Determ<br>Residu<br>Risk |   |
| Example of Completed Risk Mar<br>Division/Corps/EAC Task Force | Occupy<br>area of<br>operations | Fratricide                                  | Moderate (M)         | Identify friend/foe<br>Antifratricide training<br>LNO augmentations   | Low (L)                     | Lessons learned<br>ROE<br>Weapons control procedures<br>AOR orientation |
| leted Risk<br>AC Task Fo                                       |                                 | Seasonal risk<br>(cold weather<br>injuries) | Moderate (M)         | Cold weather clothing and equipment Soldier/leader awareness training | Low (L)                     | Severe weather alert/action plan TB Med 507                             |
| Management Woorce (continued)                                  |                                 | Seasonal risk<br>(hot weather<br>injuries)  | Moderate (M)         | Hot weather clothing and equipment Soldier/leader awareness training  | Low (L)                     | Severe weather alert/action plan TB Med 507                             |
| Risk Management Work Sheet sk Force (continued)                |                                 | Disease                                     | Moderate (M)         | Immunizations<br>Field sanitation<br>Preventive medicine              | Low (L)                     | Spring thaw plan<br>Focused medical training<br>Vector control program  |

**Figure** A. Mission or Task: B. Date/Time Group C. Date Prepared: Begin: 010035R May XX Peace Enforcement 29 April XX End: D. Prepared By: (Rank, Last Name, Duty Position) G-3 Div/Corps/EAC E. Task F. Identify G. Assess H. Develop Controls I. Determine J. Implement Hazards Hazards Residual Controls ("How To") Risk Occupy Vehicle Moderate (M) Driver qualifications Low (L) Driver qualification training accidents 으 Driver fatigue reduction Driver sleep plans area of operations Convoy safety procedures Two qualified drivers per Monitor route conditions vehicle. Vehicle inspections Convoy safety briefings Route reconnaissance Vehicle inspections K. Determine overall mission/task risk level after controls are implemented (circle one)

LOW (L) MODERATE (M) HIGH (H)

**EXTREMELY HIGH (E)** 

Risk Management

### MISSION TRAINING PLAN

Figure A-7 shows risk management integrated into an MTP task. The example portrays a possible method for integrating the risk management process and products into MTPs. The text in bold italics indicates suggested areas in which to integrate risk management.

**TASK:** C<sup>2</sup> THE BATTALION (7-1-1901)(FM 7-20)

ITERATION: 1 2 3 4 5 (circle)
TRAINING STATUS: T P U (circle)

**CONDITION:** The brigade issues an OPORD or FRAGO

TASK STANDARD :

- a. The battalion plan accomplishes the directed mission and specified tasks according to the brigade commander's concept and intent. The plan is received and understood by the leadership of the battalion, who makes the plan successful. It is coordinated with higher, adjacent, and supporting elements.
- b. The plan is as fully prepared as time allows to initiate the mission at the directed time.
- c. The battalion controls and synchronizes subordinate and supporting elements so that it accomplishes the mission and preserves the force. *Include commander's risk guidance*.
- d. The battalion keeps higher, adjacent, subordinate, supporting, and supported headquarters informed of essential information key to controlling the battle or making required decisions.

SUBTASKS AND STANDARDS: GO NO-GO

- +1. Battalion leaders issue the warning order.
- a. A complete warning order is issued within 15 minutes of receipt of the brigade order.
- Warning order is received by all platoons within 45 minutes of issuance of battalion warning order.
- + Critical task.
- \* Leader task.

Figure A-7. Integration of Risk Management into MTP Task

- \*2. Battalion commander analyzes mission and gives initial guidance.
- a. Guidance includes restated mission, which includes brigade commander's intent for battalion and identifies all specified and implied tasks.
- b. Guidance is given within 30 minutes of receipt of order.
- c. Guidance includes instructions on information requirements and initially required preparation actions (movement, resupply) to start. Guidance includes chain of command authorized to accept risk (extremely high, high, moderate, and low) affecting higher command's intent, resources, or adjacent units' missions.
  - +3. Battalion accomplishes reconnaissance and other actions to gather needed information.
- a. Reconnaissance actions begin to physically gain information on the enemy and terrain as early as possible.
- b. Commander conducts a personal reconnaissance, when possible. If not, the commander conducts a detailed map reconnaissance.
- c. Subordinate leaders perform a personal reconnaissance when possible. See subordinate company (ARTEP 7-10-MTP) and platoon (ARTEP 7-8-MTP) T&EOs.
- d. Staff coordinates with subordinate, higher, supporting, and adjacent headquarters to gather information for planning. *Staff analyzes mission to identify hazards.*
- e. Staff provides operations, intelligence, and CSS estimates to include all critical METT-T factors and *risk assessment considerations (identified hazards/risks).* 
  - +4. Battalion commander develops and wargames courses of action and selects one.

Figure A-7. Integration of Risk Management into MTP Task (continued)

- a. Tactically feasible courses of action (include CS and maneuver) are made and wargamed with the available staff (commander, S3, and FSO are best for quick planning sequences; XO, S2, engineer, S4, S3 (Safetand, ADA officer are best in more deliberate situations). Each course of action contains assessment of hazards, risk level, and control measures identified to lower or control the risk.
- b. Best COA is selected.
- c. COA is wargamed and refined by the command and staff. The staff must understand the concept to produce a sound OPORD and rehearse. The staff continually assesses the situation to identify new hazards, assess the risk from each hazard, develop acceptable control measures, and reassess for residual risk to the mission. COA should pose minimum risk to soldiers, equipment, and mission accomplishment. Risk acceptance decisions for the COA are made at the appropriate level in the chain of command.
  - \*5. Staff develops an OPLAN and OPORD from the commander's guidance.

OPLAN and OPORD successfully accomplish the mission according to higher commander's intent. *Hazards and risk control measures are included in the appropriate paragraphs and graphics.* 

- \*6. Battalion commander and staff issue implementing FRAGOs (accident risk controls).
- \*7. Battalion commander issues the OPORD/FRAGO.
- a. OPORD/FRAGO is issued IAW the one-third, two-thirds rule and makes full use of daylight time.
- b. OPORD/FRAGO accomplishes all directed missions and tasks, complies with the brigade commander's intent, controls raisdis, doctrinally sound. It is based on evaluator judgment and on comparison of brigade and battalion OPORDs.

Figure A-7. Integration of Risk Management into MTP Task (continued)

- c. All subordinate and supporting elements receive the OPORD/FRAGO.
- d. OPORD/FRAGO contains task organization, mission, concept, accident risk controls, intent for maneuver, supporting fires, and obstacles; missions and tasks for each subordinate; fire support and CSS instructions; and coordinating instructions to synchronize the efforts of maneuver forces and CS.
- e. If more time is available, the battalion commander issues a fully developed OPORD (although an initial FRAGO may be issued to allow subordinates to begin preparation and followed by a full OPORD.)
- f. Order is given at a location that reduces travel time, allows observation of the zone/sector, and promotes OPSEC.
   (Depending upon the METT-T factors, observation of the zone/sector may not be possible.)
- g. Battalion commander should perform brief-backs and war gaming, to include identifying hazards and control measures, immediately after the order to improve subordinate understanding and reaction.
- h. Subordinate leaders and staff should perform lateral coordination before leaving the orders site.
  - +8. Commander and staff coordinate and refine the plan.
- a. Time is well used to continue gathering information and to improve the plan (contingency plans, *hazard identification and controls*, fire plans).
- New information is disseminated and coordinated with higher, adjacent, and supporting headquarters to include—
  - Changes or refinements in plan.
  - Information on the enemy in the sector or zone.

Figure A-7. Integration of Risk Management into MTP Task (continued)

- Information that impacts on planning and execution (risk acceptance decisions/hazard controls) of subordinate elements.
- Adjustments/changes in the plans.
  - +\*9. Battalion executes changes in task organization.
- a. Main CP coordinates link-up location, time, and responsible element.
- b. Attachments/new elements are received at the coordinated location and time; updated on current situation, OPORDs, and SOIs; and resupplied.
- Detachments reach the link-up point at the time and place directed.
  - +\*10. Battalion performs and commander and staff perform, supervise, and monitor preparations.
- a. Command group/XO performs brief-backs with subordinate commanders, leaders, and key staff.
- b. Main CP maintains status of preparations.
- c. Elements make full use of time to prepare for the operation. Subjective judgment of the evaluator is based on the analysis of preparation charts and available preparation time.
  - +\*11. Battalion sees the battlefield.
- a. Command group is positioned to see and move.
- b. Companies and other subordinates accurately report critical information on actions and changes in combat status within five minutes. See subordinate MTPs.
- c. Main CP collects, analyzes, and passes processed critical information.
- d. Subordinates execute intelligence collection plan. See

Figure A-7. Integration of Risk Management into MTP Task (continued)

subordinate element MTPs. Subordinates integrate the risk management process when developing plans and executing tasks.

- +\*12. Battalion leaders command and control the execution.
- a. Subordinate elements report enemy and friendly actions, change in status, and any other factor that would require change within three minutes.
- b. Battalion leaders win the battle by directing the maneuver of units, controlling direct and indirect fires, *properly integrating risk management into planning, preparation, and execution*, and directing other CS actions to cope with new METT-T/risk factors. Indicators are:
  - (1) Elements not following OPLAN and OPORD are corrected.
  - (2) Responses to new METT-T hazards are directed soon after the new situation occurs.
  - (3) No friendly casualties inflicted by friendly direct or indirect fires or other accidents.
  - (4) Number/percentage of direct fire weapons engaging the enemy.
  - (5) Number/percentage of indirect fire rounds fired and percentage hitting/suppressing the enemy.
  - (6) Number of enemy casualties.
  - (7) Number of friendly casualties.
- c. The C<sup>2</sup> and CSS assets are controlled to support maneuver effort. Indicators are—
  - (1) Effective CSS and C<sup>2</sup>.
  - (2) C<sup>2</sup> or CSS elements not destroyed by enemy direct fires.
- d. FRAGOs are clear, concise, *include risk management*, and are quickly executed by subordinates.

Figure A-7. Integration of Risk Management into MTP Task (continued)

- e. Changes that affect the battle are disseminated within five minutes.
  - +13. Subordinate commanders, leaders, and staff laterally coordinate actions during the battle.

All battle actions requiring coordination between elements are coordinated.

+\*14. Battalion coordinates with adjacent and supporting headquarters.

All battle actions requiring coordination with other headquarters are laterally and promptly coordinated.

+\*15. Battalion reports.

Battalion CPs submit all critical and required reports to brigade. They report events to adjacent and supporting elements that impact on them in time for those units to react. They advise the chain of command, as appropriate, on risks and risk-reduction measures.

Figure A-7. Integration of Risk Management into MTP Task (continued)