#### **CRM LESSON PLAN REPORT**

SITUATIONAL TRAINING EXERCISE (STX) 071-FREBC001 / 02.1 ©

> Analysis 21 May 2013

Effective Date: N/A

SCOPE:

None

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Foreign Disclosure: FD3 - This training product has been reviewed by the developers in coordination with the MCOE Fort Benning, GA foreign disclosure officer. This training product cannot be used to instruct international military students.

## SECTION I. ADMINISTRATIVE DATA

All Course Masters/POIs Including This Lesson

Task(s) Taught(\*) or Supported

Course Number	Version	Title	Phase	Status
9E-F59/950- F38	02.0	Dismounted Counter-IED Tactics Master Trainer	N/A	Analysis
POIs				
POI Number	Version	Title	Phase	Status
9E-F59/950- F38	02.0 ©	Dismounted Counter-IED Tactics Master Trainer	0	Analysis
Task Number	Task	Title		Status
Individual				
171-133-5317	Plan	Unit Movement at Company Le	vel	Approved
031-627-4108				Approved
052-204-2207	Cond	uct a Safety Briefing		Approved
301-192-6003	Coun	Conduct Information Collection in Support of Counter Improvised Explosive Device Operations		
150-29A-0007	Brief of Ele	Brief Commander and/or Staff on Employment of Electronic Warfare (EW)		Approved
150-29A-0011			Approved	
301-192-6001	Apply Predictive Analysis to Support Counter Improvised Explosive Device Operations			Approved
301-192-6002				Approved

Reinforced Task(s)

Task Title

Task Number

Knowledge

Knowledge I	d <u>Title</u>	Taught	Required
052-K-0000	1 Knowledge of Mine Awareness	Yes	Yes
052-K-0009	7 Risk Management Planning	No	Yes
052-K-0010	6 Understands Plans and Orders	No	Yes
052-K-0012	1 Military Explosives and Demolitions	Yes	Yes
052-K-0012	3 Explosive Hazards Indicators	Yes	Yes
052-K-0012	7 Booby Trap Employment Techniques	No	Yes
052-K-0025	5 Know the Environmental Considerations	Yes	Yes
052-K001	Knowledge of Military Decision Making Process (MDMP)	Yes	Yes
052-K-0001	2 Know What OCOKA Means	Yes	Yes
052-K-0000	2 Knowledge of Mine/UXO Marking Requirements	Yes	Yes
052-K-0012	6 Minimum Safe Distance for Explosives	Yes	Yes

Status

Skill	Skill Id		Title		Taught	Required
	052-S-00011 Ab	Ability to Understand Written Instructions			No	Yes
	052-S-00017	Ability to Analy	ze Mission Dire	ectives	No	Yes
	S0805 A	bility to Deter	mine Grid Coor	dinates	No	Yes
	052-S-00018 Abil	ity to Identify N	Ailitary Aspects	of Terrain	Yes	Yes
	052-S-00008		ct Battlefield Ha	azards	Yes	Yes
	052-S-00010 At	oility to Unders	tand Verbal Inst	tructions	No	Yes
	052-S-00088	Conduc	t Risk Analysis		Yes	Yes
	052-S-00013	Ability	/ to use FM's		No	Yes
	052-S-00100	Identif	y Key Terrain		No	Yes
Administrative/ Academic Hours	The administrative/ac	ademic (50 mi Resident Hou		ed to teach	this lesson a	re as follows:
					<i>,</i>	,
	Yes	0 hrs	10 mins		on (small or l	• • • • •
	Yes	31 hrs	40 mins	Practica	I Exercise (ha	inds-on/written)
	Total Hours(50 min):	32 hrs	0 mins			
Instructor Action Hours	The instructor action	(60 min) hours	required to tea	ch this less	on are as foll	ows:
		Hours/A	Actions			
		1 hrs	0 mins	Training (non-FT)		up/Breakdown
		1 hrs	30 mins	Training	Event Prep/S	Setup (non-FTX)
		2 hrs	0 mins	Training	Rehearsal	
	Total Hours (60 min):	4 hrs	30 mins			
Test Lesson(s)	Hours	Lesson Num	ber Version	Lesson 1	litle	
	None					
Prerequisite Lesson(s)	Hours	Lesson Num	ber Version	Lesson 1	<u> </u>	
	None					
Training Material Classification	Security Level: This c FOUO – For Official L		vill present inform	mation that	has a Securi	ty Classification of:
Foreign Disclosure Restrictions	FD3. This training product has been reviewed by the developers in coordination with the MCOE Fort Benning, GA foreign disclosure officer. This training product cannot be used to instruct international military students.					

References

Number	Title	Date
ADP 5-0	The Operations Process	17 May 2012
ATP 3-90.37	COUNTERING IMPROVISED EXPLOSIVE DEVICES	29 Jul 2014
ATTP 5-0.1 (Superseded by FM 6-0, 5 MAY 2014)	Superseded by FM 6-0, 5 MAY 2014	14 Sep 2011
FB (Safety) Form 385-1-E	Daily Risk Management Assessment Matrix	01 Oct 2013
FM 3-06.20 (Superseded)	(Superseded by ATP 3-06.20, 10 MAY 2013) Multi-Service Tactics, Techniques, and Procedures for Cordon and Search Operations	25 Apr 2006
FM 3-24 (Change 001, June 02, 2014)	INSURGENCIES AND COUNTERING INSURGENCIES http://armypubs.army.mil/doctrine/DR_pubs /dr_a/pdf/fm3_24.pdf	13 May 2014
FM 3-24.2	TACTICS IN COUNTERINSURGENCY	21 Apr 2009
FM 3-34.5	Environmental Considerations	16 Feb 2010
FM 3-36	Electronic Warfare in Operations	09 Nov 2012
FM 7-10 (SS)	(SUPERSEDED) THE INFANTRY RIFLE COMPANY SS / FM 3-21.10, 27 JUL 06	14 Dec 1990
SH 21-76	Ranger Handbook	02 Jan 2011
STP 3-CIED-SM-TG	Soldier's Manual and Trainer's Guide for Counter Improvised Explosive Device	09 Dec 2011
TB 9-6695-316-10	(DRAFT) Operations Information for Detecting and Tracing Set, Metal: GA- 72CD-ML	11 Aug 2009
TC 2-50.5	Intelligence Officer's Handbook	06 Jan 2010
THOR III	Technical Manual, Operation and Maintenance With Parts Breakdown Organization Level for the THOR III System P/N 118600-001	29 Sep 2009
VMC1	Operating Manual, Gizmo Metal Detector VMC1	06 Feb 2009
VMR2	Operation Manual, Dual-Sensor-Detector Minehound VMR2	06 Feb 2009

#### Student Study Assignment

NONE

Instructor Requirements

Support Personnel Requirements

Additional Support Personnel Requirements Instructor must be certified in the following courses: Army Basic Instructor Course (ABIC) or DOD equivalent, Dismounted Counter-IED Tactics Master Trainer (DCT-MT) Course, Combat Life Saver (CLS), Small Group Instructor Course (SGIC), and Hand Held Device (HHD).

Medical Personnel or Combat Lifesaver Certified

Name	Student Ratio	Qty	<u>Man</u> Hours
NCOIC		1	32.0
Driver, LMTV		1	32.0
Bus Driver		2	32.0
Medical Personnel or Combat Lifesaver Certified		1	32.0

Equipment Required for Instruction	ID - Name	<u>Student</u> <u>Ratio</u>	Instructor Ratio	Spt	Qty	Exp
	* 05-113/1 - IEDES, Increment 1, (IEDES1) Pressure Plate Training Device	0:0		1		No
	* 05-113/2 - Improvised Explosive Device Effects Simulator, Increment 1, (IEDES1) Push Pull Booby Trap	0:0		1		No
	* 05-114/1 - Improvised Explosive Device Effects Simulator (IEDES 1) 315 MHZ	0:0			1	No
	* 1055-01-523-5600 - IED SIMULATOR, OMEGA 36/60/B2 (Local TADSS – Not in TSMATS/PAM 25-30)	1:5				No
	* 30-35 - Thor III - Trainer, Crew 3.1, 315 MHZ	1:5				No
	* ACD-AVI-003 - COORDINATE SCALE AND PROTRACTOR (Local TADSS – Not in TSMATS/PAM 25-30)	1:5				No
	* DDCT-5-41 - KIT, LAND MINE (Local TADSS – Not in TSMATS/PAM 25-30)	1:10				No
	* L 05-107 - TIED, TRAINING IMPROVISED (Local Device - Not DA Supported)	1:5				No
	* T 05-050/1 - Recognition Kit- Submunitions	0:0			1	No
	* T 05-050/2 - Recognition Kit- Projectiles	0:0			1	No
	* T 05-050/3 - Recognition Kit- Mortars	0:0			1	No
	* T 05-050/4 - Recognition Kit- Rockets	0:0			1	No
	* T 05-050/5 - Recognition Kit- Rifle Grenades	1:5				No
	* T 05-050/6 - Recognition Kit- Thrown Items	0:0			1	No
	* T 05-050/7 - Recognition Kit- Placed Mines	0:0			1	No
	* T 05-062 - Improvised Explosive Device (IED) Kit	1:5				No
	* T 07-096 - Carbine, M4, Plastic	1:1				No
	* T 09-129 - Iraqi Mine Kit	1:10				No
	* T 09-146 - Afghanistan Kit	1:10				No
	1075-01-C06-3147 - Search Kit, Improvised Explosive Device: MA005036-US MED-ENG	1:5	0:0	No	1	No
	1240-01-540-2890 - ACOG Kit	1:1	0:0	No	0	No
	1240-01-557-1897 - Sight Bore Optical: M150	1:1	0:0	No	0	No
	2310-01-090-7709 - Bus Transit 44 Passenger	1:30	0:0	No	0	No
	2320-00-440-8308 - Truck, Van, Shop, with Winch: M109A2	1:7	1:2	No	0	No
	2320-01-354-3384 - Truck Van: LMTV W/E: M1079	1:15	0:0	No	0	No

2330-01-090-7871 - Trailer, Tank Water 400G	1:30	0:0	No	0	No
2330-01-C02-5669 - Trailers, Assorted: Custom Made	0:0	0:0	Yes	1	No
2340-01-525-1656 - ATV, Polaris, 6x6	1:30	0:0	No	0	No
4110-01-485-3548 - Chest, Ice Storage, White, 162 Quart Capacity	1:5	0:0	No	1	No
4240-01-515-6935 - Portal Ladder	1:5	0:0	No	1	No
4510-00-431-3303 - TOILET,PORTABLE	1:5	1:5	No	0	No
5120-00-188-8450 - Shovel, Hand, 4 Foot Wood Handle, Round Point Blade, Size 2	1:5	0:0	No	0	No
5120-00-243-2395 - Mattock, Pick, 5 Pound	1:5	0:0	No	0	No
5120-00-293-3330 - Shovel, Hand, 46 Inch Wood Handle, Square Point Open Back Blade, Size 2	1:5	0:0	No	0	No
5810-01-460-1605 - Radio Set: AN/PRC-148	0:0	0:0	No	1	No
5820-00-NSN - SCREEN, PROJECTION	1:10	0:0	No	0	No
5820-00-T93-6432 - PROJECTOR, VIDEO, LCD EPSON ELP33 WITH REMOTE	1:10	0:0	No	0	No
5820-01-243-4960 - Radio 10 Channel, Portable, Motorola: MDL-Q2	0:0	0:0	No	6	No
5820-01-451-8246 - Radio Set: AN/VRC-90F(C)	0:0	0:0	No	0	No
5820-01-554-7949 - Receiver- Transmitter, Radio: AN/PRC-148 V (4)(C)	1:3	1:1	No	0	No
5825-01-516-8038 - Navigation Set: Satellite Signals AN/PSN-13	1:15	0:0	No	0	No
5855-01-C16-9831 - Thermal Imaging System: 19015-0000-01 OA	1:5	0:0	No	1	No
5860-01-363-8730 - Laser Pointer	1:10	0:0	No	0	No
5895-01-540-4543 - Computer, Laptop	1:10	0:0	No	0	No
6130-01-504-3675 - Charger, Battery	1:15	1:6	No	0	No
6130-01-512-0183 - Charger, Battery	0:0	0:0	No	2	No
6135-00-985-7845 - Battery, Nonrechargeable, AA	0:0	0:0	No	48	No
6135-00-985-7846 - Battery, Nonrechargeable, C Cell	0:0	0:0	No	36	No
6135-01-435-3097 - BATTERY LITHIUM PRC-119, BA5590	1:3	1:3	No	0	No
6140-01-063-3918 - Battery, Rechargeable BB-590/U	0:0	0:0	No	4	No
6140-01-487-1153 - Battery, Storage	1:15	0:0	No	0	No

6150-01-226-2057 - CABLE ASSEMBLY,POWER,ELECTRIC AL	0:0	0:0	No	4	No
6260-01-074-4229 - Light, Chemiluminescent, 6 Inches Long, 12 Hours, Green	0:0	0:0	No	15	No
6260-01-074-4230 - Light, Chemiluminescent, 5-5/8 - 6 Inches Long, 1/2 Hour, Hi- Intensity, Yellow	0:0	0:0	No	15	No
6515-01-363-4495 - THERMOMETER,CLINICAL,HU MAN	0:0	0:0	No	1	No
6530-01-290-9964 - Litter, Folding, Rigid Pole	1:15	0:0	No	0	No
6530-01-452-1651 - Litter, Evacuation, Talon II, Portable, Compact, Lightweight	1:15	0:0	No	0	No
6545-01-532-3674 - Medical Equipment Set, Combat Lifesaver, Version 2005, UA 245A	0:0	0:0	Yes	5	No
6665-01-381-3023 - Wet Bulb- Globe Temperature Kit	1:15	0:0	No	0	No
6665-01-504-7769 - Detecting Set, Mine: AN/PSS-14	1:5	0:0	No	1	No
6665-01-C10-2210 - Detecting Set, Mine: Vallon (Not in AESIP)	1:5	0:0	No	1	No
6665-01-C14-0261 - Detecting Set, Mine: MineHound VMR2 (Not in AESIP)	1:5	0:0	No	1	No
6685-01-590-1047 - Monitor, Heat Stress: Questemp 44	1:15	0:0	No	0	No
6695-01-I00-0773 - Detector, Body Worn, Strider	1:5	0:0	No	0	No
6760-00-985-6749 - Tripod, Photographic	1:30	0:0	No	0	No
6910-00-371-9493 - MODEL SET,TERRAIN	1:10	0:0	No	0	No
7110-00-T81-1805 - BOARD, DRY ERASE	1:15	0:0	No	0	No
7210-00-081-1417 - Sheet, Bed Cotton White	6:15	0:0	No	0	No
7330-00-815-1455 - Sieve, Flour, Aluminum	0:0	0:0	No	3	No
7510-00-223-6701 - Chalk, Marking, Tapered Round, White 144S (DISCONTINUED WITHOUT REPLACEMENT)	1:5	0:0	No	1	No
7510-00-266-5016 - Tape, Pressure Sensitive Adhesive, Cotton/Linen, Lusterless, Olive Drab, 2 Inch Wide	1:10	1:3	No	0	No
7520-00-281-5918 - Clipboard File, 9 X 12-1/2 Inch, Composition Board Back	0:0	1:1	No	0	No
7520-01-424-4867 - Easel, Display and Training, Dry Erase	1:5	0:0	No	0	No
7920-00-205-1711 - Rag, Wiping, Cotton, Unbleached, Mixed Color	1:15	0:0	No	0	No

	7920-00-240-7174 - Brush, Scrub, Square End, without Handle, 2.75 Inches Wide, 8 Inches Long	1:5	0:0	No	0	No
	8315-00-958-0744 - Tape, Textile, Flat Design, 1 Inch Wide, Cotton, White	0:0	0:0	No	1	No
	8415-00-935-3139 - Helmet, Safety, White, Size 6-1/2 to 8	0:0	1:1	No	0	No
	8960-01-430-4378 - Ice, 8 Pounds	1:3	0:0	No	0	No
	9150-01-053-6688 - Cleaner, Lubricant and Preservative, 1 Gallon Bottle	0:0	0:0	No	2	No
	(Note: Asterisk before ID indicates a	TADSS.)				
Materials Required	Instructor Materials:					
	1. Lesson plan with Appendix A, C, a	nd D as applica	able			
	2. All references linked to this lesson	plan				
	3. All equipment needed for PE					
	4. Risk Assessment					
	Student Materials:					
	1. Pen/Pencil and note taking materia	al				
	2. All equipment needed for the PE					

Classroom, Training Area, and Range	ID - Name	Quantity	Student Ratio	<u>Setup</u> <u>Mins</u>	<u>Cleanup</u> <u>Mins</u>
Requirements	17120-M-1200-30 Classroom, Multipurpose, 1200 Square Feet, 30 Students	1		15	15
	17710-0 Maneuver/Training Area, Light Forces, 0 Acre		8:30	100	50
	74046-0-0 Consolidated Open Dining Facility, 0 Square Foot, 0 Seats		1:30	0	0
	44224-0-0 Organizational Storage Building, 0 Square Foot, 0 Cubic Foot		1:30	0	0
	72114-0-0 Enlisted Barracks, Transient Training, 0 Square Foot, 0 Starting Point , Service Points, or Persons Supported		1:30	0	0

Ammunition Requirements

DODIC - Name	Exp	Student Ratio	Instruct Ratio	<u>Spt</u> Qty
Nono				

None

**NOTE:** Before presenting this lesson, instructors must thoroughly prepare by studying this lesson and identified reference material.

#### IF APPLICABLE:

- 1. Have on hand identified reference materials linked to the lesson plan.
- 2. Review presentation and develop a list of questions to use during class.
- 3. Review and prepare conference/discussion material presented.

4. Ensure all equipment listed for this Lesson Plan (LP) is present, operable, and set up for use before class.

5. Refer to the practical exercise, Appendix C, of this lesson plan. When necessary develop additional situations to use during the practical exercise.

6. PowerPoint users: Ensure the Instructor's file has been called up using Microsoft PowerPoint Viewer and Instructor/slide 1 is displayed on the screen before class.

 Whenever noted, slides are available to assist in explanation of task steps. Use slides as needed during class or practical exercise to reinforce training. The Instructor may choose to use/not use the LP SLIs as developed, modify the existing SLIs content/order or insert new material as is necessary based on audience analysis to assist in Soldier learning. Changes must be annotated as a pen/ink change on the vault file master LP, VIP LP, and Instructor LP.
 Whenever necessary, ask leading questions of Soldiers in order to prompt Soldier discussion.

9. Most materials associated with this LP are provided to Soldiers in digital format loaded on their school issued CD and student handout unless stated within instructional notes. Instructor will have to issue all necessary materials to Soldiers in hard copy unless they have individual Soldier laptop/digital capability.

10. Encourage Soldiers to relate their first hand experiences during the activities.

11. Facilitate this lesson using Instructor's methodologies.

12. Control group activities using Instructor's techniques.

**1. DURING INSTRUCTION** 

a. Follow the lesson plan, show and discuss slides as appropriate, and facilitate group discussion.

b. Ensure students stay attentive and pay proper military respect to senior officers, dignitaries, and/or guest speakers.

c. Ensure students take notes and actively participate in group discussions and stay focused on the lesson training objectives.

2. AFTER INSTRUCTION

a. Ensure proper police of classroom and other areas used by the students.

- b. Ensure that no classified/sensitive material is left in the classroom.
- c. Check classroom for security, cleanliness, and energy conservation before departing area.

d. Annotate FB Form 1087a, Instructor/Evaluator Comment Record as appropriate.

3. BEFORE USING EQUIPMENT

a. Ensure students are given a specific safety briefing, if necessary.

b. Perform proper power up/down procedures for computer equipment.

Note: The above examples in no way limit the safety precautions that the individual

instructor/facilitator may stress. There may be specific instances during conduct of lesson that

# the instructor/facilitator may caution students about.

Proponent Lesson Plan Approvals	Name	Rank	Position	Date
	None			NO DATA

Method of Instruction:	Discussion (small or large group)
Mode of Delivery:	Resident Instruction
Instr Type (I:S Ratio):	Military - ICH, ABIC/FIFC Qual and CIED SME (2:5)
Time of Instruction:	5 mins

#### Motivator

## Slide 1. Introduction and Motivator

On today's modern battlefield, Soldiers are being faced with new threats such as IED's, and suicide enemy combatants. To be effective, every Soldier needs to learn and adapt to the enemies tactics while being sensitive to the culture and religions of the region. **Note:** Use this statement or develop one of your own relating to the material.

#### Slide 2

Terminal Learning Objective

**NOTE.** Inform the students of the following Terminal Learning Objective requirements. At the completion of this lesson, you [the student] will:

Action:	Plan dismounted tactical missions as member of a squad/platoon
Conditions:	In a training area that support three squads, given an OPORDER, C-IED enablers, map and overlay, student resources, and references.
Standards:	<ul> <li>Plan dismounted tactical missions IAW STX OPORDER, course references. Apply concepts learned in the 1st week and score 80% or greater in the threat assessment rubric and mission planning #1 rubrics which includes: <ol> <li>Conduct mission analysis</li> <li>Brief a mission analysis and COA</li> <li>Conduct a dismounted tactical missions as a member of a squad/platoon</li> <li>Conduct an after action review</li> </ol> </li> </ul>
	Learning Domain: Cognitive
	Learning Level: Synthesis
Learning Domain - Level:	None assigned
JPME I Learning Areas Supported:	None

Safety Requirements

## Safety Requirements in a Classroom Setting:

Safety is of the utmost importance in any training environment. During the training process, commanders will utilize the 5-Step Risk Management process to determine the safest and most complete method to train. Every precaution will be taken during the conduct of training. Safety is everyone's responsibility to recognize, mitigate, and report hazardous conditions.

**Instructor note:** The instructor will brief the students on the unit/facility SOP for classroom contingencies (i.e. what doors will be used to exit the classroom, rally points, severe weather, WBGT/Kestrel set up, etc).

#### Safety Requirements other than Classroom Settings:

Safety must be paramount in the complex outdoor environment. During the training process, commanders will utilize the 5-Step Risk Management process to determine the safest and most complete method to train. Every precaution will be taken while replicating realistic battlefield conditions. Safety is everyone's responsibility to recognize, mitigate, and report hazardous conditions. The instructor will brief the unit/site SOP and Risk Management Worksheet for all potential contingencies encountered during that training period/event (i.e. WBGT/Kestrel set up, trail vehicles for PT/foot marches, severe weather, fire, evacuation routes, muzzle awareness, range safety briefs, required medical FLA with driver and medics with emergency equipment, student injury procedures, and rally points etc).

# Risk Assessment<br/>LevelLow - All Army Instructors will conduct a Risk Assessment Worksheet (FB Form 385-1-E,<br/>Daily Risk Management Assessment Matrix, OCT 2013) prior to training and brief<br/>Soldiers on identified hazards.

Assessment: The Principal Instructor will prepare a risk assessment using the before, during, and after checklist and the risk assessment matrixes contained in Risk Management FM 5-19. Controls: See Attached FB Form 385-1-E.

Leader Actions: See Attached FB Form 385-1-E.

#### Environmental Considerations

**NOTE:** Instructor should conduct a Risk Assessment to include Environmental Considerations IAW FM 3-34.5, Environmental Considerations {MCRP 4-11B}, and ensure students are briefed on hazards and control measures.

Training will be conducted in the proper designated areas only. This ensures natural and environmental resources are maintained properly for continued training realism. Using the proper designated areas also eliminates conflicting or controversial situations. Equipment will be operated to conform to environmental operating permits. Improper disposal of trash and refuse, inadequate clean up of training areas, pollutes ground and water resources. This may result in a potential health/safety hazard.

#### Instructional Lead-in

Use the current lessons learned and TTPs throughout the STX.

Note: Use this statement or develop one of your own relating to the material.

TLO

TLO - LSA 1.	Learning Step / Activity TLO - LSA 1. Conduct mission analysis
	Method of Instruction: Practical Exercise (hands-on/written)
	Mode of Delivery: Resident Instruction
	Instr Type (I:S Ratio): Military - ICH, ABIC/FIFC Qual and CIED SME (2:5)
	Time of Instruction: 5 mins
	Media Type: Printed Reference Material / Actual Equipment / Practical Exercise / Situational Based Instruction / Field Training Exercise
	Other Media: Unassigned
	Security Classification: This course/lesson will present information that has a Security Classification of: U - Unclassified.

# STUDENTS WILL CONDUCT A MISSION ANALYSIS FOR ALL ASSIGNED MISSIONS DURING THE STX IAW ANNEX C OF THIS LESSON PLAN.

NOTE. The students will apply concepts learned in Lesson Plan B015, Tactical Mission Planning.

Check on Learning:	Check on learning occurs when student brief mission and COA.
	Ask critical thinking questions. Ask the students what was
	their thought when they made certain planning decisions.
	<b>NOTE.</b> It is important that students defend their positions.
Review Summary:	In this LSA, we covered: How to conduct mission analysis
	$\underline{\text{NOTE.}}$ I/F may ask for student volunteers to summarized what their squad
	accomplished during the mission analysis.
- LSA 2. Learning Step / A	ctivity TLO - LSA 2. Brief a mission analysis and COA
Method of Instructi	on: Practical Exercise (hands-on/written)
Mode of Delive	ery: Resident Instruction
Instr Type (I:S Rat	io): Military - ICH, ABIC/FIFC Qual and CIED SME (2:5)
Time of Instructi	on: 5 mins
Media Ty	pe: Printed Reference Material / Actual Equipment / Practical Exercise / Situational Based Instruction / Field Training Exercise
Other Med	dia: Unassigned
Security Classificati	on: This course/lesson will present information that has a Security Classification of: FOUO – For Official Use Only.
STUDENTS WILL BRIEF	MISSION ANALYSIS AND COA FOR ALL ASSIGNED
MISSIONS IAW ANNEX	C OF THIS LESSON PLAN.
<b>NOTE.</b> Students will apply	y concepts learned in Lesson Plan B015, Tactical Mission
Planning.	

Check on Learning: Determine if the students have learned the material presented by soliciting student questions and explanations.

Ask critical thinking questions. Ask the students what was their thought when they made certain planning decisions. **NOTE.** It is important that students defend their positions.

Review Summary:

In this LSA, students briefed a mission analysis and COA

**NOTE.** I/F may ask for student volunteers to summarized what their squad accomplished during the mission analysis and COA brief.

TLO - LSA 3. Learning Step / Activity TLO - LSA 3. Conduct tactical missions as a member of a squad/platoon

> Method of Instruction: Practical Exercise (hands-on/written) Mode of Delivery: Resident Instruction Instr Type (I:S Ratio): Military - ICH, ABIC/FIFC Qual and CIED SME (2:5) Time of Instruction: 5 mins Media Type: Unassigned Other Media: Unassigned Security Classification: This course/lesson will present information that has a Security Classification of: U - Unclassified.

# STUDENTS WILL CONDUCT TACTICAL MISSION ANALYSIS AND COA BRIEF FOR ALL ASSIGNED MISSIONS IAW ANNEX C OF THIS LESSON PLAN.

**NOTE.** Students will apply concepts learned in Lesson Plan B015, Tactical Mission Planning.

Check on Learning: Ask critical thinking questions. Ask the students what was their thought when they made certain planning decisions. **NOTE.** It is important that students defend their positions.

**Review Summary:** 

In this LSA, students lead a dismounted tactical missions as a member of a squad/platoon

NOTE. I/F may ask for student volunteers to summarized what their squad accomplished during the mission conduct.

TLO - LSA 4. Learning Step / Activity TLO - LSA 4. Conduct After Action Review (AAR).

Method of Instruction: Practical Exercise (hands-on/written) Mode of Delivery: Non-Resident Training Instr Type (I:S Ratio): Military - ICH, ABIC/FIFC Qual and CIED SME (1:15) Time of Instruction: 25 mins Media Type: Printed Reference Material / Actual Equipment / Practical Exercise / Situational Based Instruction / Field Training Exercise

#### Other Media: Unassigned Security Classification: This course/lesson will present information that has a Security Classification of: FOUO – For Official Use Only.

**Note:** Instructor will conduct After Action Review (AAR). The AAR should include the following:

- (1) Conducted during or immediately after each event.
- (2) Focus on intended training objectives.
- (3) Focus on Soldier, leader, and unit performance.
- (4) Involve all participants in the discussion.
- (5) Use open-ended questions.
- (6) Are related to specific standards.
- (7) Determine strengths and weaknesses.
- (8) Link performance to subsequent training.

Check on Learning:

- Conduct an AAR using the following as a guideline:
  - 1. Identify what was supposed to happen.
- 2. Establish what happened from all levels.
- 3. Evaluate performance against Army standard.
- 4. Identify strengths and weaknesses.

5. Identify opportunities to improve performance with the commander's intent when training continues.

Review Summary: In this LSA students conducted an after action review **NOTE.** I/F may ask for student volunteers to summarized what their squad accomplished during the AAR.

#### SECTION IV. SUMMARY

Method of Instruction:	Discussion (small or large group)
Mode of Delivery:	Resident Instruction
Instr Type(I:S Ratio):	Military - ICH, ABIC/FIFC Qual and CIED SME (2:5)
Time of Instruction:	5 mins

Check on Learning

Check on learning happens when students brief and execute all missions. Ask critical thinking questions. Ask the students what was their thought when they made certain planning decisions.

NOTE. It is important that students defend their positions.

Review/ Summary

In this lesson, we covered: How to plan dismounted tactical missions as member of a squad/platoon and:

- 1. Conducted mission analysis
- 2. Briefed a mission analysis and COA
- 3. Lead a dismounted tactical missions as a member of a squad/platoon
- 4. Conducted an after action review

NOTE. I/F may ask for student volunteers to summarized what their squad accomplished in each of the 4 areas above.

#### SECTION V. STUDENT EVALUATION

Testing<br/>RequirementsInstructor will make on the spot corrections during the practical exercise, the instructor will<br/>conduct student checks to gauge learning mastery.

Feedback Requirements Feedback is essential to effective learning. Provide feedback and help answer student questions about the STX.

#### Appendix A - Viewgraph Masters

## Situational Training Exercise (STX) 071-FREBC001 / Version 02.1 ©

Sequence	Media Name	Media Type
None		

Assessment Statement: None.

Assessment Plan: None.

## PRACTICAL EXERCISE(S)/SOLUTION(S) FOR LESSON 071-FREBC001 Version 02.1 ©

## PRACTICAL EXERCISE SHEET 071-FREBC001 PE1

Time: 31 hours 0 minutes

Title	Conduct Squad/Platoon tactical mission IAW TLP.		
Lesson Number/Title	071-FREBC001 Version 02.1 © / Situational Training Exercise (STX)		
Security Classification	For Official Use Only		
Introduction	This STX requires students to play a lead role and I/F assume the role of coaches and metors. Once students are broken down into groups, the I/F will issue mission OPORDS and will provide additional guidance.		
Motivator	On today's modern battlefield, Soldiers are being faced with new threats such as IED's. There is still the challenge of trying to win the hearts and minds of the population that resides in our theater of operation. To be effective, every Soldier needs to learn and adapt to the enemies tactics while being sensitive to the culture and religions of the region.		
Terminal Learning Objective	<b>Note:</b> Use this statement or develop one of your own relating to the material. <b>NOTE.</b> Inform the students of the following Terminal Learning Objective requirements. At the completion of this lesson, you [the student] will:		
	Action:	Plan dismounted tactical missions as member of a squad/platoon	
	Conditions:	In a training area that support three squads, given an OPORDER, C-IED enablers, map and overlay, student resources, and references.	
	Standards:	Plan dismounted tactical missions IAW STX OPORDER, course references. Apply concepts learned in the 1st week and score 80% or greater in the threat assessment rubric and mission planning #1 rubrics which includes: 1. Conduct mission analysis 2. Brief a mission analysis and COA 3. Conduct a dismounted tactical missions as a member of a squad/platoon 4. Conduct an after action review	
		Learning Domain: Cognitive Learning Level: Synthesis	

Safety Requirements

Make sure that students stay hydrated during patrols.

Safety Requirements in a Classroom Setting:

Safety is of the utmost importance in any training environment. During the training process, commanders will utilize the 5-Step Risk Management process to determine the safest and most complete method to train. Every precaution will be taken during the conduct of training. Safety is everyone's responsibility to recognize, mitigate, and report hazardous conditions. **Instructor note:** The instructor will brief the students on the unit/facility SOP for classroom contingencies (i.e. what doors will be used to exit the classroom, rally points, severe weather, WBGT/Kestrel set up, etc).

#### Safety Requirements other than Classroom Settings:

Safety must be paramount in the complex outdoor environment. During the training process, commanders will utilize the 5-Step Risk Management process to determine the safest and most complete method to train. Every precaution will be taken while replicating realistic battlefield conditions. Safety is everyone's responsibility to recognize, mitigate, and report hazardous conditions. The instructor will brief the unit/site SOP and Risk Management Worksheet for all potential contingencies encountered during that training period/event (i.e. WBGT/Kestrel set up, trail vehicles for PT/foot marches, severe weather, fire, evacuation routes, muzzle awareness, range safety briefs, required medical FLA with driver and medics with emergency equipment, student injury procedures, and rally points etc).

Risk Assessment Level Low

Environmental Considerations

**NOTE:** Instructor should conduct a Risk Assessment to include Environmental Considerations IAW FM 3-34.5, Environmental Considerations {MCRP 4-11B}, and ensure students are briefed on hazards and control measures.

Training will be conducted in the proper designated areas only. This ensures natural and environmental resources are maintained properly for continued training realism. Using the proper designated areas also eliminates conflicting or controversial situations. Equipment will be operated to conform to environmental operating permits. Improper disposal of trash and refuse, inadequate clean up of training areas, pollutes ground and water resources. This may result in a potential health/safety hazard.

Evaluation

Instructional Lead-in

This STX provides students with an opportunity of learning how to employ CIED enablers when conducting a tactical mission.

Note: Use this statement or develop one of your own relating to the material.

Resource Requirements

1. Lesson plan with Appendix A, C, and D as applicable

Instructor will conduct on the spot corrections during the PE.

- 2. All references linked to this lesson plan
- 3. Visitor Book

Instructor Materials:

#### 4. Risk Assessment

5. All equipment needed for PE

Student Materials:

None

1. All references linked to this lesson

2. All equipment needed for the PE

3. Pen/Pencil and note taking materials

#### Special Instructions

Procedures

1. **GENERAL.** This PE consist of up to three missions based on student's need and a general mission timeline is as follows:

## a. MISSION #1 (8 Hr PE)

- (1 hour) Conduct mission analysis
- (1.5 hour) Brief a mission analysis and COA
- (1.5 hour) Lead a dismounted tactical mission
- (3 hours) Conduct an after action review
- (0.5 hour) Conduct an AAR

## b. MISSION #2 (8 Hr PE)

- (1 hour) Conduct mission analysis
- (1.5 hour) Brief a mission analysis and COA
- (1.5 hour) Lead a dismounted tactical mission
- (3 hours) Conduct an after action review
- (0.5 hour) Conduct an AAR

## c. MISSION #3 (8 Hr PE)

- (1 hour) Conduct mission analysis
- (1.5 hour) Brief a mission analysis and COA
- (1.5 hour) Lead a dismounted tactical mission
- (3 hours) Conduct an after action review
- (0.5 hour) Conduct an AAR

NOTE. These are estimated mission times and may be adjusted up or down as needed.

## Instructor/Facilitator's (I/F) Note

1. The number of missions will depend on student's need and when the learning objective is met.

2. You may change or modify the OPORDERS as necessary.

## 2. PROCEDURES.

#### Instructor/Facilitator's (I/F)

1. The procedures are going to be similar for each mission.

2. The objective of the PEs is to place Soldiers in situations outside their comfort zone that focus on situations within the IED Contemporary Operating Environment (COE). The Situational Training Exercise (STX) will expose Soldiers to what they can expect when they deploy. This PE will provide the Soldier the opportunity to apply and reinforce what they learned during the first week of the course including tactical employment of Hand Held Devices (HHDs) in an IED environment. Prior to execution of each lane, students will rehearse and conduct pre combat checks and pre combat inspections with their assigned squads.

a. **Lane set up.** Instructors will need to locate a piece of terrain that will support multiple STX lanes, based of the PDSS (Pre-deployment Site Survey), have a central location for starting, and all are within walking distance of each other.

**Note.** Students are encouraged to bring optics from their unit.

b. **Squad/Plt assignments.** Students are divided into squads/platoon. Squad/platoon leadership will be designated and each individual within the patrol will be assigned a Hand Held Device (HHD) to operate during the mission.

c. Issue Mission Order (Approx. 15 min). The I/F issues the order in 30 minutes or less.

d. The Instructor/Facilitator will serve as the coordination agent for all C-IED enablers and support agencies.

e.. Mission Analysis (approx. 1.5 hrs). Upon receiving the mission, Squad Leader and assigned members conduct a detailed mission analysis following the **eight steps of the Troop** Leading Procedures (TLP). This stage of the STX should requires little or no I/F involvement.

- 1) Step 1 Receive the Mission
- 2) Step 2 Issue a Warning order
- 3) Step 3 Make a Tentative Plan
- 4) Step 4 Initiate Movement
- 5) Step 5 Conduct Reconnaissance
- 6) Step 6 Complete the Plan
- 7) Step 7 Issue the Order
- Step 8. Supervise and Refine

f. **Back Brief.** After mission analysis, Squad Leader and members will conduct a back brief. The Instructor/Facilitator evaluate as required, provide feeback, teach, coach, and mentor.

g. Rehearsals/PCC's/PCI's (Approx. 2 hrs). Squads make corrections or ajustment on their plan based on the results of their mission brief. Squads will conduct PCC's/PCI's and rehearsals prior to execution. This stage of the STX should requires little or no I/F involvement.

h. **Execution (Approx 4 hrs).** Squads execute the mission based on the approved Course of Action (COA). This stage requires maximun I/F involvement. I/F have squad members recognize their mistakes and have them find suitable solutions to any challenges they may

experience during the conduct of the mission. I/F must intervene immediately if the safety of the squad members is compromised.

I. After Action Reviews (approx 15 min). At the completion of the mission, the Instructor/Facilitator will provide and AAR format to the squad and have the squad members conduct an AAR in 15 minutes or less.

**3. MISSION ORDER.** Each squad/platoon will be given a missions order for each of the mission:

**NOTE.** The operations orders for each tactical mission will not be included in TDC because they are subject to change in every course. I/F must develop, update or modify to meet audience expectations.

# **Feedback Requirements** Feedback is essential to effective learning. Schedule and provide feedback on the any information to help answer student's questions.

## SOLUTION FOR PRACTICAL EXERCISE 071-FREBC001 PE1

Instructor will conduct on the spot corrections during the PE.

#### **Appendix D - Student Handouts**

## Situational Training Exercise (STX) 071-FREBC001 / Version 02.1 ©

Sequence	Media Name	Media Type
None		

#### Appendix E - TRAINER'S LESSON OUTLINE

# Situational Training Exercise (STX)

# 071-FREBC001 / Version 02.1 ©

## DRAFT

#### 1. The importance of this lesson: (Why)

Participate in Situational Training Exercise (STX).

#### 2. What we want our Soldiers to Achieve: (Outcomes/Standard)

Execute situational training exercise during the time alloted; execute missions as a member of a dismounted squad. Soldiers execute all tasks and will integrate lesson learned from the classoom instruction IAW references.

Domain: Cognitive and Psychomotor Level: Application

#### 3. Tasks to be taught

Task Number	Task Title	Task Type
171-133-5317	Plan Unit Movement at Company Level	Individual SUPPORTED
031-627-4108	Conduct Debrief at the Incident Command Level	Individual SUPPORTED
052-204-2207	Conduct a Safety Briefing	Individual SUPPORTED
301-192-6003	Conduct Information Collection in Support of Counter Improvised Explosive Device Operations	Individual SUPPORTED
150-29A-0007	Brief Commander and/or Staff on Employment of Electronic Warfare (EW)	Individual SUPPORTED
150-29A-0011	Brief Commander and/or Staff on the Employment of Electronic Warfare (EW) during Mission Execution	Individual SUPPORTED
301-192-6001	Apply Predictive Analysis to Support Counter Improvised Explosive Device Operations	Individual SUPPORTED
301-192-6002	Apply Pattern Analysis Products to Support Counter Improvised Explosive Device Operations	Individual SUPPORTED

## **Additional Non-Standard Tasks**

None

## 4. References:

Reference Number	Reference Title	Date
ADP 5-0 ATP 3-90.37 ATTP 5-0.1 (Superseded by FM 6-0, 5 MAY 2014)	The Operations Process COUNTERING IMPROVISED EXPLOSIVE DEVICES Superseded by FM 6-0, 5 MAY 2014	17 May 2012 29 Jul 2014 14 Sep 2011
FB (Safety) Form 385-1-E	Daily Risk Management Assessment Matrix	01 Oct 2013
FM 3-06.20 (Superseded)	(Superseded by ATP 3-06.20, 10 MAY 2013) Multi-Service Tactics, Techniques, and Procedures for Cordon and Search Operations	25 Apr 2006
FM 3-24 (Change 001, June 02, 2014)	INSURGENCIES AND COUNTERING INSURGENCIES http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/fm3_ 24.pdf	13 May 2014
FM 3-24.2	TACTICS IN COUNTERINSURGENCY	21 Apr 2009
FM 3-34.5	Environmental Considerations	16 Feb 2010
FM 3-36	Electronic Warfare in Operations	09 Nov 2012
FM 7-10 (SS)	(SUPERSEDED) THE INFANTRY RIFLE COMPANY SS / FM 3-21.10, 27 JUL 06	14 Dec 1990
SH 21-76	Ranger Handbook	02 Jan 2011
STP 3-CIED-SM-TG	Soldier's Manual and Trainer's Guide for Counter Improvised Explosive Device	09 Dec 2011
TB 9-6695-316-10	(DRAFT) Operations Information for Detecting and Tracing Set, Metal: GA-72CD-ML	11 Aug 2009
TC 2-50.5	Intelligence Officer's Handbook	06 Jan 2010
THOR III	Technical Manual, Operation and Maintenance With Parts Breakdown Organization Level for the THOR III System P/N 118600-001	29 Sep 2009
VMC1	Operating Manual, Gizmo Metal Detector VMC1	06 Feb 2009
VMR2	Operation Manual, Dual-Sensor-Detector Minehound VMR2	06 Feb 2009

# **Additional Non-Standard References**

None

#### 5. Resources

TIME: Time of Instruction: 32 hrs 0 mins

LAND: Classroom, Training Area, and Range Requirements

ld	Name
17120-M-1200-30	Classroom, Multipurpose, 1200 Square Feet, 30 Students
17710	Maneuver/Training Area, Light Forces
74046	Consolidated Open Dining Facility
44224	Organizational Storage Building
72114	Enlisted Barracks, Transient Training

AMMO: Ammunition Requirements

None

MISC: Materiel Items and TADSS Requirements

ld	Name
* 05-113/1	IEDES, Increment 1, (IEDES1) Pressure Plate Training Device
* 05-113/2	Improvised Explosive Device Effects Simulator, Increment 1, (IEDES1) Push Pull Booby Trap
* 05-114/1	Improvised Explosive Device Effects Simulator (IEDES 1) 315 MHZ
* 1055-01-523-5600	IED SIMULATOR, OMEGA 36/60/B2 (Local TADSS – Not in TSMATS/PAM 25-30)
* 30-35	Thor III - Trainer, Crew 3.1, 315 MHZ
* ACD-AVI-003	COORDINATE SCALE AND PROTRACTOR (Local TADSS – Not in TSMATS/PAM 25-30)
* DDCT-5-41	KIT, LAND MINE (Local TADSS – Not in TSMATS/PAM 25-30)
* L 05-107	TIED, TRAINING IMPROVISED (Local Device - Not DA Supported)
* T 05-050/1	Recognition Kit- Submunitions
* T 05-050/2	Recognition Kit- Projectiles
* T 05-050/3	Recognition Kit- Mortars
* T 05-050/4	Recognition Kit- Rockets
* T 05-050/5	Recognition Kit-Rifle Grenades
* T 05-050/6	Recognition Kit- Thrown Items
* T 05-050/7	Recognition Kit- Placed Mines
* T 05-062	Improvised Explosive Device (IED) Kit
* T 07-096	Carbine, M4, Plastic
* T 09-129	Iraqi Mine Kit
* T 09-146	Afghanistan Kit
1075-01-C06-3147	Search Kit, Improvised Explosive Device: MA005036-US MED-ENG
1240-01-540-2890	ACOG Kit
1240-01-557-1897	Sight Bore Optical: M150
2310-01-090-7709	Bus Transit 44 Passenger
2320-00-440-8308	Truck, Van, Shop, with Winch: M109A2
2320-01-354-3384	Truck Van: LMTV W/E: M1079
2330-01-090-7871	Trailer, Tank Water 400G
2330-01-C02-5669	Trailers, Assorted: Custom Made
2340-01-525-1656	ATV, Polaris, 6x6
4110-01-485-3548	Chest, Ice Storage, White, 162 Quart Capacity
4240-01-515-6935	Portal Ladder
4510-00-431-3303	TOILET,PORTABLE
5120-00-188-8450	Shovel, Hand, 4 Foot Wood Handle, Round Point Blade, Size 2
5120-00-243-2395	Mattock, Pick, 5 Pound
5120-00-293-3330	Shovel, Hand, 46 Inch Wood Handle, Square Point Open Back Blade, Size 2
5810-01-460-1605	Radio Set: AN/PRC-148
5820-00-NSN	SCREEN, PROJECTION
5820-00-T93-6432	PROJECTOR, VIDEO, LCD EPSON ELP33 WITH REMOTE
5820-01-243-4960	Radio 10 Channel, Portable, Motorola: MDL-Q2
5820-01-451-8246	Radio Set: AN/VRC-90F(C)
5820-01-554-7949	Receiver-Transmitter, Radio: AN/PRC-148 V (4)(C)
5825-01-516-8038	Navigation Set: Satellite Signals AN/PSN-13

5855-01-C16-9831	Thermal Imaging System: 19015-0000-01 OA
5860-01-363-8730	Laser Pointer
5895-01-540-4543	Computer, Laptop
6130-01-504-3675	Charger, Battery
6130-01-512-0183	Charger, Battery
6135-00-985-7845	Battery, Nonrechargeable, AA
6135-00-985-7846	Battery, Nonrechargeable, C Cell
6135-01-435-3097	BATTERY LITHIUM PRC-119, BA5590
6140-01-063-3918	Battery, Rechargeable BB-590/U
6140-01-487-1153	Battery, Storage
6150-01-226-2057	CABLE ASSEMBLY, POWER, ELECTRICAL
6260-01-074-4229	Light, Chemiluminescent, 6 Inches Long, 12 Hours, Green
6260-01-074-4230	Light, Chemiluminescent, 5-5/8 - 6 Inches Long, 1/2 Hour, Hi-Intensity, Yellow
6515-01-363-4495	THERMOMETER, CLINICAL, HUMAN
6530-01-290-9964	Litter, Folding, Rigid Pole
6530-01-452-1651	Litter, Evacuation, Talon II, Portable, Compact, Lightweight
6545-01-532-3674	Medical Equipment Set, Combat Lifesaver, Version 2005, UA 245A
6665-01-381-3023	Wet Bulb-Globe Temperature Kit
6665-01-504-7769	Detecting Set, Mine: AN/PSS-14
6665-01-C10-2210	Detecting Set, Mine: Vallon (Not in AESIP)
6665-01-C14-0261	Detecting Set, Mine: MineHound VMR2 (Not in AESIP)
6685-01-590-1047	Monitor, Heat Stress: Questemp 44
6695-01-100-0773	Detector, Body Worn, Strider
6760-00-985-6749	Tripod, Photographic
6910-00-371-9493	MODEL SET, TERRAIN
7110-00-T81-1805	BOARD, DRY ERASE
7210-00-081-1417	Sheet, Bed Cotton White
7330-00-815-1455	Sieve, Flour, Aluminum
7510-00-223-6701	Chalk, Marking, Tapered Round, White 144S (DISCONTINUED WITHOUT REPLACEMENT)
7510-00-266-5016	Tape, Pressure Sensitive Adhesive, Cotton/Linen, Lusterless, Olive Drab, 2 Inch Wide
7520-00-281-5918	Clipboard File, 9 X 12-1/2 Inch, Composition Board Back
7520-01-424-4867	Easel, Display and Training, Dry Erase
7920-00-205-1711	Rag, Wiping, Cotton, Unbleached, Mixed Color
7920-00-240-7174	Brush, Scrub, Square End, without Handle, 2.75 Inches Wide, 8 Inches Long
8315-00-958-0744	Tape, Textile, Flat Design, 1 Inch Wide, Cotton, White
8415-00-935-3139	Helmet, Safety, White, Size 6-1/2 to 8
8960-01-430-4378	Ice, 8 Pounds
9150-01-053-6688	Cleaner, Lubricant and Preservative, 1 Gallon Bottle
(Note: Asterisk before ID indicates a TADSS.)	

## **Additional Non-Standard Resources**

None

# 6. A possible technique to achieve the outcome:

None

# 7. Conduct AAR with Soldier and Cadre.

None

**NOTE:** Before presenting this lesson, Instructors must be thoroughly prepared by studying the appropriate lesson plan and identified reference material.