

URBAN BREACHER (WORKING)

LEARNING ANALYSIS WORKSHEET (LAW)

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TASK: 1371-DEMO-2003

TASK BEHAVIOR: Maintain a Breacher's Logbook

DATE OF LEARNING ANALYSIS: 20090910

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Performance Step: 1. Compile all necessary information.

- Knowledge /Skills:
- ( del ) 1. KHT/BAT write
  - ( a ) 2. KHT/BAT identify materials needed for specific targets
  - ( a ) 3. KHT/BAT identify demolitions by DODICs
  - ( del ) 4. KHT/BAT determine the Net Explosive Weight (NEW)
  - ( a ) 5. KHT/BAT identify the priming system

Performance Step: 2. Complete pre-mission entries.

- Knowledge /Skills:
- ( del ) 1. KHT/BAT determine NEW
  - ( b ) 2. KHT/BAT list materials needed for target
  - ( b ) 3. KHT/BAT sketch charge configuration
  - ( b ) 4. KHT/BAT write a breacher's brief
  - ( b ) 5. KHT/BAT draw placement of charges

Performance Step: 3. Complete post-mission entries.

- Knowledge /Skills:
- ( c ) 1. KHT/BAT place modifications to charge for future use.
  - ( c ) 2. KHT/BAT list corrective actions for future use
  - ( c ) 3. KHT/BAT report in logbook successful breaches



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TASK: 1371-DEMO-2004

TASK BEHAVIOR: Compute the Net Explosive Weight (NEW)

DATE OF LEARNING ANALYSIS: 20130927

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Performance Step: 1. Utilizing conversion factors, convert weights of all explosives used into Tri-Nitro-Toluene (TNT) equivalent.

- Knowledge /Skills:
- ( c ) 1. KHT convert lbs to grains
  - ( d ) 2. BAT convert lbs to grains
  - ( c ) 3. KHT utilize conversion chart
  - ( d ) 4. BAT utilize conversion chart
  - ( c ) 5. KHT utilize relative effective factor (REF) to convert TNT equivalent
  - ( d ) 6. BAT utilize relative effective factor (REF) to convert TNT equivalent
  - ( b ) 7. KHT locate explosive weight in grains using references
  - ( d ) 8. BAT locate explosive weight in grains using references
  - ( a ) 9. KHT define net explosive weight
  - ( c ) 10. KHT use formula to convert grams to pounds
  - ( d ) 11. BAT use formula to convert grams to pounds
  - ( b ) 12. KHT identify "grain weight" of explosives
  - ( c ) 13. KHT convert grains to grams
  - ( d ) 14. BAT convert grains to grams

Performance Step: 2. Determine NEW in pounds.

- Knowledge /Skills:
- ( c ) 1. KHT convert grains to pounds
  - ( d ) 2. BAT convert grains to pounds

Performance Step: 3. Calculate safe-blast distance.

- Knowledge /Skills:
- ( d ) 1. KHT calculate safe blast distance for a specified breaching charge
  - ( d ) 2. BAT calculate safe blast distance for a specified breaching charge

Performance Step: 4. Calculate safe-fragmentation distance.

- Knowledge /Skills:
- ( e ) 1. KHT calculate safe fragmentation distance for a specified charge
  - ( e ) 2. BAT calculate safe fragmentation distance for a specified charge



## URBAN BREACHER (WORKING)

## LEARNING ANALYSIS WORKSHEET (LAW)

TASK: 1371-DEMO-2005TASK BEHAVIOR: Take appropriate protective measuresDATE OF LEARNING ANALYSIS: 20130927Performance Step: 1. Evaluate the target and surrounding areas.

- Knowledge /Skills:
- ( b ) 1. KHT explain how the target surface will react to detonation
  - ( b ) 2. KHT identify the effects that spatial constraints have on/after detonation
  - ( b ) 3. KHT select the proper charge based on target surface criteria and spatial criteria

Performance Step: 2. Evaluate the explosive charge.

- Knowledge /Skills:
- ( b ) 1. KHT/BAT identify possible collateral damage
  - ( b ) 2. BAT identify what a specific charge will do to a specific target surface

Performance Step: 3. Compute Net Explosive Weight (NEW).

- Knowledge /Skills:
- ( a ) 1. KHT/BAT compute the NEW based on target and safety

Performance Step: 4. Compute safe standoff distance.

- Knowledge /Skills:
- ( a ) 1. KHT/BAT compute the K-factor

Performance Step: 5. Determine possible effects of detonation on the target and surrounding structures.

- Knowledge /Skills:
- ( a ) 1. KHT explain charge placement on target to minimize/reduce missile hazard
  - ( b ) 2. BAT explain charge placement on target to minimize/reduce missile hazard
  - ( b ) 3. KHT identify characteristics of PPE
  - ( c ) 4. KHT select proper PPE based on type of charge and tactical situation
  - ( b ) 5. KHT explain explosive effects
  - ( c ) 6. KHT determine what constitutes a "safe location"

Performance Step: 6. Explain protective measures taken for a given blast.

- Knowledge /Skills:
- ( c ) 1. KHT explain proper positioning of individuals
  - ( c ) 2. BAT properly position individuals
  - ( c ) 3. KHT determine the minimum number of people required to be in the immediate vicinity of the detonation
  - ( a ) 4. BAT utilize the minimum number of people during the breach
  - ( b ) 5. KHT identify what constitutes an effective barrier from the blast
  - ( d ) 6. KHT utilize personal protective equipment for explosive/non-explosive breach



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( c ) 7. BAT effectively employ barriers during the breach

( d ) 8. BAT employ personal protective equipment

Performance Step: 7. Brief team members on explosive effects and safe locations.

Knowledge /Skills: ( c ) 1. KHT/BAT brief personnel on placement locations for breaching operations

Performance Step: 8. Position personnel in a safe location during detonation.

Knowledge /Skills: ( c ) 1. KHT/BAT properly position breaching team



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TASK: 1371-DEMO-2006

TASK BEHAVIOR: Identify building construction

DATE OF LEARNING ANALYSIS: 20130927

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Performance Step: 1. Identify building construction composition.

- Knowledge /Skills:
- ( a ) 1. KHT identify different types of construction for framed structures
  - ( a ) 2. BAT identify different types of construction for framed structures
  - ( a ) 3. KHT identify different types of construction for frameless structures
  - ( a ) 4. BAT identify different types of construction for frameless structures

Performance Step: 2. Identify physical structural requirements for multi-level construction.

- Knowledge /Skills:
- ( b ) 1. KHT identify structural requirements for multi-story framed buildings with interior spaces
  - ( c ) 2. BAT identify structural requirements for multi-story framed buildings with interior spaces
  - ( b ) 3. KHT identify structural requirements for multi-story frameless buildings with interior spaces
  - ( c ) 4. BAT identify structural requirements for multi-story frameless buildings with interior spaces
  - ( c ) 5. KHT determine appropriate breaching technique for exterior explosive/nonexplosive entry
  - ( c ) 6. BAT determine appropriate breaching technique for exterior explosive/nonexplosive entry
  - ( c ) 7. KHT determine appropriate breaching technique for interior space explosive/nonexplosive entry
  - ( c ) 8. BAT determine appropriate breaching technique for interior space explosive/nonexplosive entry

Performance Step: 3. Identify standard construction methods and materials by region of the world.

- Knowledge /Skills:
- ( a ) 1. KHT determine construction code requirements by region
  - ( b ) 2. BAT determine construction code requirements by region



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TASK: 1371-DEMO-2007

TASK BEHAVIOR: Employ a doughnut charge

DATE OF LEARNING ANALYSIS: 20130927

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Performance Step: 1. Select the appropriate explosives for the target.

- Knowledge /Skills:
- ( c ) 1. KHT identify the function of the doughnut charge
  - ( g ) 2. BAT identify the function of the doughnut charge
  - ( e ) 3. KHT explain the effect the charge will have on the target
  - ( g ) 4. BAT explain the effect the doughnut charge will have on the target
  - ( b ) 5. KHT determine the firing systems available
  - ( g ) 6. BAT determine the firing systems available
  - ( e ) 7. KHT select material to affix the doughnut charge to the target
  - ( g ) 8. BAT select material to affix the doughnut charge to the target
  - ( d ) 9. KHT select material needed to construct the doughnut charge
  - ( g ) 10. BAT select material needed to construct the doughnut charge
  - ( d ) 11. KHT identify explosive needed to construct the doughnut charge
  - ( g ) 12. BAT identify explosive needed to construct the doughnut charge
  - ( c ) 13. KHT identify target construction material
  - ( g ) 14. BAT identify target construction material

Performance Step: 2. Construct the charge.

- Knowledge /Skills:
- ( d ) 1. KHT tie standard demo knots
  - ( g ) 2. BAT tie standard demo knots
  - ( d ) 3. KHT use duct tape
  - ( g ) 4. BAT use duct tape

Performance Step: 3. Prepare an initiating system.

- Knowledge /Skills:
- ( a ) 1. KHT construct det cord loop
  - ( g ) 2. BAT construct det cord loop

Performance Step: 4. Compute the Net Explosive Weight (NEW).

- Knowledge /Skills:
- ( f ) 1. KHT use the NEW to derive stand-off distances
  - ( g ) 2. BAT use the NEW to derive stand-off distances

Performance Step: 5. Position assault element.



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- Knowledge /Skills:
- ( f ) 1. KHT position the breach team before and during detonation
  - ( g ) 2. BAT position the breach team before and during detonation
  - ( f ) 3. HKO optimal team position in reference to target based on regional construction standards
  - ( h ) 4. KHT conduct a deliberate breacher's brief
  - ( h ) 5. BAT conduct a deliberate breacher's brief
  - ( i ) 6. BAT conduct a deliberate breacher's brief
  - ( i ) 7. BAT conduct a deliberate breacher's brief

Performance Step: 6. Place the charge.

- Knowledge /Skills:
- ( e ) 1. KHT position the doughnut charge on the target material
  - ( g ) 2. BAT position the doughnut charge on the target material
  - ( e ) 3. KHT attach the doughnut charge to the target
  - ( g ) 4. BAT attach the doughnut charge to the target

Performance Step: 7. Detonate the charge.

- Knowledge /Skills:
- ( a ) 1. KHT prime the doughnut charge
  - ( g ) 2. BAT prime the doughnut charge
  - ( b ) 3. KHT initiate explosive using a firing device
  - ( g ) 4. BAT initiate explosive using a firing device

Performance Step: 8. Follow up with mechanical breaching as required.

- Knowledge /Skills:
- ( del ) 1. KHT determine proper mechanical breaching tool needed for follow-up breaching if required
  - ( g ) 2. BAT determine proper mechanical breaching tool needed for follow-up breaching if required



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TASK: 1371-DEMO-2008

TASK BEHAVIOR: Employ a window charge

DATE OF LEARNING ANALYSIS: 20130927

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Performance Step: 1. Select the appropriate explosives for the target.

- Knowledge /Skills:
- ( del ) 1. KHT identify the function of the charge
  - ( a ) 2. BAT identify the function of the charge
  - ( del ) 3. KHT explain the effect the charge will have on the target
  - ( a ) 4. BAT explain the effect the charge will have on the target
  - ( del ) 5. KHT determine the firing systems available
  - ( a ) 6. BAT determine the firing systems available
  - ( del ) 7. KHT select material to affix the charge to the target
  - ( a ) 8. BAT select material to affix the charge to the target
  - ( del ) 9. KHT select material needed to construct the charge
  - ( a ) 10. BAT select material needed to construct the charge
  - ( del ) 11. KHT identify explosive needed to construct the charge
  - ( a ) 12. BAT identify explosive needed to construct the charge
  - ( del ) 13. KHT identify target construction material
  - ( a ) 14. BAT identify target construction material

Performance Step: 2. Construct the charge.

- Knowledge /Skills:
- ( del ) 1. KHT tie standard demo knots
  - ( a ) 2. BAT tie standard demo knots
  - ( del ) 3. KHT use duct tape
  - ( a ) 4. BAT use duct tape

Performance Step: 3. Prepare an initiating system.

- Knowledge /Skills:
- ( del ) 1. KHT construct det cord loop
  - ( a ) 2. BAT construct det cord loop

Performance Step: 4. Compute the Net Explosive Weight (NEW).

- Knowledge /Skills:
- ( del ) 1. KHT use the NEW to derive stand-off distances
  - ( a ) 2. BAT use the NEW to derive stand-off distances

Performance Step: 5. Position assault element.



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LEARNING ANALYSIS WORKSHEET (LAW)

- Knowledge /Skills:    ( del )        1.    KHT position the breach team before and during detonation  
                                  ( a )        2.    BAT position the breach team before and during detonation

Performance Step: 6. Place the charge.

- Knowledge /Skills:    ( del )        1.    KHT position the charge on the target material  
                                  ( a )        2.    BAT position the charge on the target material  
                                  ( del )        3.    KHT attach the charge to the target  
                                  ( a )        4.    BAT attach the charge to the target

Performance Step: 7. Detonate the charge.

- Knowledge /Skills:    ( del )        1.    KHT prime the charge  
                                  ( a )        2.    BAT prime the charge  
                                  ( del )        3.    KHT initiate explosive using a firing device  
                                  ( a )        4.    BAT initiate explosive using a firing device

Performance Step: 8. Follow up with mechanical breaching as required.

- Knowledge /Skills:    ( del )        1.    KHT determine proper mechanical breaching tool needed for follow-up breaching if required  
                                  ( a )        2.    BAT determine proper mechanical breaching tool needed for follow-up breaching if required



## URBAN BREACHER (WORKING)

## LEARNING ANALYSIS WORKSHEET (LAW)

TASK: 1371-DEMO-2009TASK BEHAVIOR: Employ a water chargeDATE OF LEARNING ANALYSIS: 20130927Performance Step: 1. Select the appropriate explosives for the target.

- Knowledge /Skills:
- ( del ) 1. KHT identify the function of the charge
  - ( a ) 2. BAT identify the function of the charge
  - ( del ) 3. KHT explain the effect the charge will have on the target
  - ( a ) 4. BAT explain the effect the charge will have on the target
  - ( del ) 5. KHT determine the firing systems available
  - ( a ) 6. BAT determine the firing systems available
  - ( del ) 7. KHT select material to affix the charge to the target
  - ( a ) 8. BAT select material to affix the charge to the target
  - ( del ) 9. KHT select material needed to construct the charge
  - ( a ) 10. BAT select material needed to construct the charge
  - ( del ) 11. KHT identify explosive needed to construct the charge
  - ( a ) 12. BAT identify explosive needed to construct the charge
  - ( del ) 13. KHT identify target construction material
  - ( a ) 14. BAT identify target construction material

Performance Step: 2. Construct the charge.

- Knowledge /Skills:
- ( del ) 1. KHT tie standard demo knots
  - ( a ) 2. BAT tie standard demo knots
  - ( del ) 3. KHT use duct tape
  - ( a ) 4. BAT use duct tape

Performance Step: 3. Prepare an initiating system.

- Knowledge /Skills:
- ( del ) 1. KHT construct det cord loop
  - ( a ) 2. BAT construct det cord loop

Performance Step: 4. Compute the Net Explosive Weight (NEW).

- Knowledge /Skills:
- ( del ) 1. KHT use the NEW to derive stand-off distances
  - ( a ) 2. BAT use the NEW to derive stand-off distances

Performance Step: 5. Position assault element.

URBAN BREACHER (WORKING)

LEARNING ANALYSIS WORKSHEET (LAW)

- Knowledge /Skills:    ( del )        1. KHT position the breach team before and during detonation  
                                  ( a )        2. BAT position the breach team before and during detonation

Performance Step: 6. Place the charge.

- Knowledge /Skills:    ( del )        1. KHT position the charge on the target material  
                                  ( a )        2. BAT position the charge on the target material  
                                  ( del )        3. KHT attach the charge to the target  
                                  ( a )        4. BAT attach the charge to the target

Performance Step: 7. Detonate the charge.

- Knowledge /Skills:    ( del )        1. KHT prime the charge  
                                  ( a )        2. BAT prime the charge  
                                  ( del )        3. KHT initiate explosive using a firing device  
                                  ( a )        4. BAT initiate explosive using a firing device

Performance Step: 8. Follow up with mechanical breaching as required.

- Knowledge /Skills:    ( del )        1. KHT determine proper mechanical breaching tool needed for follow-up breaching if required  
                                  ( a )        2. BAT determine proper mechanical breaching tool needed for follow-up breaching if required



## URBAN BREACHER (WORKING)

## LEARNING ANALYSIS WORKSHEET (LAW)

TASK: 1371-DEMO-2010TASK BEHAVIOR: Employ an oval chargeDATE OF LEARNING ANALYSIS: 20130927Performance Step: 1. Select the appropriate explosives for the target.

- Knowledge /Skills:
- ( del ) 1. KHT identify the function of the charge
  - ( a ) 2. BAT identify the function of the charge
  - ( del ) 3. KHT explain the effect the charge will have on the target
  - ( a ) 4. BAT explain the effect the charge will have on the target
  - ( del ) 5. KHT determine the firing systems available
  - ( a ) 6. BAT determine the firing systems available
  - ( del ) 7. KHT select material to affix the charge to the target
  - ( a ) 8. BAT select material to affix the charge to the target
  - ( del ) 9. KHT select material needed to construct the charge
  - ( a ) 10. BAT select material needed to construct the charge
  - ( del ) 11. KHT identify explosive needed to construct the charge
  - ( a ) 12. BAT identify explosive needed to construct the charge
  - ( del ) 13. KHT identify target construction material
  - ( a ) 14. BAT identify target construction material

Performance Step: 2. Construct the charge.

- Knowledge /Skills:
- ( del ) 1. KHT tie standard demo knots
  - ( a ) 2. BAT tie standard demo knots
  - ( del ) 3. KHT use duct tape
  - ( a ) 4. BAT use duct tape

Performance Step: 3. Prepare an initiating system.

- Knowledge /Skills:
- ( del ) 1. KHT construct det cord initiating system
  - ( a ) 2. BAT construct det cord initiating system

Performance Step: 4. Compute the Net Explosive Weight (NEW).

- Knowledge /Skills:
- ( del ) 1. KHT use the NEW to derive stand-off distances
  - ( a ) 2. BAT use the NEW to derive stand-off distances

Performance Step: 5. Position assault element.

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LEARNING ANALYSIS WORKSHEET (LAW)

- Knowledge /Skills:    ( del )        1.    KHT position the breach team before and during detonation  
                                  ( a )        2.    BAT position the breach team before and during detonation

Performance Step: 6. Place the charge.

- Knowledge /Skills:    ( del )        1.    KHT position the charge on the target material  
                                  ( a )        2.    BAT position the charge on the target material  
                                  ( del )        3.    KHT attach the charge to the target  
                                  ( a )        4.    BAT attach the charge to the target

Performance Step: 7. Detonate the charge.

- Knowledge /Skills:    ( del )        1.    KHT prime the charge  
                                  ( a )        2.    BAT prime the charge  
                                  ( del )        3.    KHT initiate explosive using a firing device  
                                  ( a )        4.    BAT initiate explosive using a firing device

Performance Step: 8. Follow up with mechanical breaching as required.

- Knowledge /Skills:    ( del )        1.    KHT determine proper mechanical breaching tool needed for follow-up breaching if required  
                                  ( a )        2.    BAT determine proper mechanical breaching tool needed for follow-up breaching if required



## URBAN BREACHER (WORKING)

## LEARNING ANALYSIS WORKSHEET (LAW)

TASK: 1371-DEMO-2011TASK BEHAVIOR: Employ a Uli knot slider chargeDATE OF LEARNING ANALYSIS: 20130930Performance Step: 1. Select the appropriate explosives for the target.

- Knowledge /Skills:
- ( del ) 1. KHT identify the function of the charge
  - ( a ) 2. BAT identify the function of the charge
  - ( del ) 3. KHT explain the effect the charge will have on the target
  - ( a ) 4. BAT explain the effect the charge will have on the target
  - ( del ) 5. KHT determine the firing systems available
  - ( a ) 6. BAT determine the firing systems available
  - ( del ) 7. KHT select material to affix the charge to the target
  - ( a ) 8. BAT select material to affix the charge to the target
  - ( del ) 9. KHT select material needed to construct the charge
  - ( a ) 10. BAT select material needed to construct the charge
  - ( del ) 11. KHT identify explosive needed to construct the charge
  - ( a ) 12. BAT identify explosive needed to construct the charge
  - ( del ) 13. KHT identify target construction material
  - ( a ) 14. BAT identify target construction material

Performance Step: 2. Construct the charge.

- Knowledge /Skills:
- ( del ) 1. KHT tie standard demo knots
  - ( a ) 2. BAT tie standard demo knots
  - ( del ) 3. KHT use duct tape
  - ( a ) 4. BAT use duct tape

Performance Step: 3. Prepare an initiating system.

- Knowledge /Skills:
- ( del ) 1. KHT construct det cord initiating system
  - ( a ) 2. BAT construct det cord initiating system

Performance Step: 4. Compute the Net Explosive Weight (NEW).

- Knowledge /Skills:
- ( del ) 1. KHT use the NEW to derive stand-off distances
  - ( a ) 2. BAT use the NEW to derive stand-off distances

Performance Step: 5. Position assault element.

URBAN BREACHER (WORKING)

LEARNING ANALYSIS WORKSHEET (LAW)

- Knowledge /Skills:    ( del )        1.    KHT position the breach team before and during detonation  
                                  ( a )        2.    BAT position the breach team before and during detonation

Performance Step: 6. Place the charge.

- Knowledge /Skills:    ( del )        1.    KHT position the charge on the target material  
                                  ( a )        2.    BAT position the charge on the target material  
                                  ( del )        3.    KHT attach the charge to the target  
                                  ( a )        4.    BAT attach the charge to the target

Performance Step: 7. Detonate the charge.

- Knowledge /Skills:    ( del )        1.    KHT prime the charge  
                                  ( a )        2.    BAT prime the charge  
                                  ( del )        3.    KHT initiate explosive using a firing device  
                                  ( a )        4.    BAT initiate explosive using a firing device

Performance Step: 8. Follow up with mechanical breaching as required.

- Knowledge /Skills:    ( del )        1.    KHT determine proper mechanical breaching tool needed for follow-up breaching if required  
                                  ( a )        2.    BAT determine proper mechanical breaching tool needed for follow-up breaching if required



URBAN BREACHER (WORKING)

LEARNING ANALYSIS WORKSHEET (LAW)

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TASK: 1371-DEMO-2012

TASK BEHAVIOR: Employ a detonating cord linear charge

DATE OF LEARNING ANALYSIS: 20130930

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Performance Step: 1. Select the appropriate explosives for the target.

- Knowledge /Skills:
- ( del ) 1. KHT identify the function of the charge
  - ( a ) 2. BAT identify the function of the charge
  - ( del ) 3. KHT explain the effect the charge will have on the target
  - ( a ) 4. BAT explain the effect the charge will have on the target
  - ( del ) 5. KHT determine the firing systems available
  - ( a ) 6. BAT determine the firing systems available
  - ( del ) 7. KHT select material to affix the charge to the target
  - ( del ) 8. KHT select material needed to construct the charge
  - ( a ) 9. BAT select material needed to construct the charge
  - ( del ) 10. KHT identify explosive needed to construct the charge
  - ( a ) 11. BAT identify explosive needed to construct the charge
  - ( del ) 12. KHT identify target construction material
  - ( a ) 13. BAT identify target construction material

Performance Step: 2. Construct the charge.

- Knowledge /Skills:
- ( del ) 1. KHT tie standard demo knots
  - ( a ) 2. BAT tie standard demo knots
  - ( del ) 3. KHT use duct tape
  - ( a ) 4. BAT use duct tape

Performance Step: 3. Prepare an initiating system.

- Knowledge /Skills:
- ( del ) 1. KHT construct det cord initiating system
  - ( a ) 2. BAT construct det cord initiating system

Performance Step: 4. Compute the Net Explosive Weight (NEW).

- Knowledge /Skills:
- ( del ) 1. KHT use the NEW to derive stand-off distances
  - ( a ) 2. BAT use the NEW to derive stand-off distances

Performance Step: 5. Position assault element.

- Knowledge /Skills:
- ( del ) 1. KHT position the breach team before and during detonation



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- ( a ) 2. BAT position the breach team before and during detonation

Performance Step: 6. Place the charge.

- Knowledge /Skills: ( del ) 1. KHT position the charge on the target material  
( a ) 2. BAT position the charge on the target material  
( del ) 3. KHT attach the charge to the target  
( a ) 4. BAT attach the charge to the target

Performance Step: 7. Detonate the charge.

- Knowledge /Skills: ( del ) 1. KHT prime the charge  
( a ) 2. BAT prime the charge  
( del ) 3. KHT initiate explosive using a firing device  
( a ) 4. BAT initiate explosive using a firing device

Performance Step: 8. Follow up with mechanical breaching as required.

- Knowledge /Skills: ( del ) 1. KHT determine proper mechanical breaching tool needed for follow-up breaching if required  
( a ) 2. BAT determine proper mechanical breaching tool needed for follow-up breaching if required



## URBAN BREACHER (WORKING)

## LEARNING ANALYSIS WORKSHEET (LAW)

TASK: 1371-DEMO-2013TASK BEHAVIOR: Employ a concrete chargeDATE OF LEARNING ANALYSIS: 20130930Performance Step: 1. Select the appropriate explosives for the target.

- Knowledge /Skills:
- ( del ) 1. KHT identify the function of the charge
  - ( a ) 2. BAT identify the function of the charge
  - ( del ) 3. KHT explain the effect the charge will have on the target
  - ( a ) 4. BAT explain the effect the charge will have on the target
  - ( del ) 5. KHT determine the firing systems available
  - ( a ) 6. BAT determine the firing systems available
  - ( del ) 7. KHT select material to affix the charge to the target
  - ( a ) 8. BAT select material to affix the charge to the target
  - ( del ) 9. KHT select material needed to construct the charge
  - ( a ) 10. BAT select material needed to construct the charge
  - ( del ) 11. KHT identify explosive needed to construct the charge
  - ( a ) 12. BAT identify explosive needed to construct the charge
  - ( del ) 13. KHT identify target construction material
  - ( a ) 14. BAT identify target construction material

Performance Step: 2. Construct the charge.

- Knowledge /Skills:
- ( del ) 1. KHT tie standard demo knots
  - ( a ) 2. BAT tie standard demo knots
  - ( del ) 3. KHT use duct tape
  - ( a ) 4. BAT use duct tape

Performance Step: 3. Prepare an initiating system.

- Knowledge /Skills:
- ( del ) 1. KHT construct det cord initiating system
  - ( a ) 2. BAT construct det cord initiating system

Performance Step: 4. Compute the Net Explosive Weight (NEW).

- Knowledge /Skills:
- ( del ) 1. KHT use the NEW to derive stand-off distances
  - ( a ) 2. BAT use the NEW to derive stand-off distances

Performance Step: 5. Position assault element.

URBAN BREACHER (WORKING)

LEARNING ANALYSIS WORKSHEET (LAW)

- Knowledge /Skills:    ( del )        1. KHT position the breach team before and during detonation  
                                  ( a )        2. BAT position the breach team before and during detonation

Performance Step: 6. Place the charge.

- Knowledge /Skills:    ( del )        1. KHT position the charge on the target material  
                                  ( a )        2. BAT position the charge on the target material  
                                  ( del )        3. KHT attach the charge to the target  
                                  ( a )        4. BAT attach the charge to the target

Performance Step: 7. Detonate the charge.

- Knowledge /Skills:    ( del )        1. KHT prime the charge  
                                  ( a )        2. BAT prime the charge  
                                  ( del )        3. KHT initiate explosive using a firing device  
                                  ( a )        4. BAT initiate explosive using a firing device

Performance Step: 8. Follow up with mechanical breaching as required.

- Knowledge /Skills:    ( del )        1. KHT determine proper mechanical breaching tool needed for follow-up breaching if required  
                                  ( a )        2. BAT determine proper mechanical breaching tool needed for follow-up breaching if required



## URBAN BREACHER (WORKING)

## LEARNING ANALYSIS WORKSHEET (LAW)

TASK: 1371-DEMO-2014TASK BEHAVIOR: Employ a fence chargeDATE OF LEARNING ANALYSIS: 20130930Performance Step: 1. Select the appropriate explosives for the target.

- Knowledge /Skills:
- ( del ) 1. KHT identify the function of the charge
  - ( a ) 2. BAT identify the function of the charge
  - ( del ) 3. KHT explain the effect the charge will have on the target
  - ( a ) 4. BAT explain the effect the charge will have on the target
  - ( del ) 5. KHT determine the firing systems available
  - ( a ) 6. BAT determine the firing systems available
  - ( del ) 7. KHT select material to affix the charge to the target
  - ( a ) 8. BAT select material to affix the charge to the target
  - ( del ) 9. KHT select material needed to construct the charge
  - ( a ) 10. BAT select material needed to construct the charge
  - ( del ) 11. KHT identify explosive needed to construct the charge
  - ( a ) 12. BAT identify explosive needed to construct the charge
  - ( del ) 13. KHT identify target construction material
  - ( a ) 14. BAT identify target construction material

Performance Step: 2. Construct the charge.

- Knowledge /Skills:
- ( del ) 1. KHT tie standard demo knots
  - ( a ) 2. BAT tie standard demo knots
  - ( del ) 3. KHT use duct tape
  - ( a ) 4. BAT use duct tape

Performance Step: 3. Prepare an initiating system.

- Knowledge /Skills:
- ( del ) 1. KHT construct det cord loop
  - ( a ) 2. BAT construct det cord loop

Performance Step: 4. Compute the Net Explosive Weight (NEW).

- Knowledge /Skills:
- ( del ) 1. KHT use the NEW to derive stand-off distances
  - ( a ) 2. BAT use the NEW to derive stand-off distances

Performance Step: 5. Position assault element.

URBAN BREACHER (WORKING)

LEARNING ANALYSIS WORKSHEET (LAW)

- Knowledge /Skills:    ( del )        1.    KHT position the breach team before and during detonation  
                                  ( a )        2.    BAT position the breach team before and during detonation

Performance Step: 6. Place the charge.

- Knowledge /Skills:    ( del )        1.    KHT position the charge on the target material  
                                  ( a )        2.    BAT position the charge on the target material  
                                  ( del )        3.    KHT attach the charge to the target  
                                  ( a )        4.    BAT attach the charge to the target

Performance Step: 7. Detonate the charge.

- Knowledge /Skills:    ( del )        1.    KHT prime the charge  
                                  ( a )        2.    BAT prime the charge  
                                  ( del )        3.    BAT prime the charge  
                                  ( a )        4.    BAT initiate explosive using a firing device

Performance Step: 8. Follow up with mechanical breaching as required.

- Knowledge /Skills:    ( del )        1.    KHT determine proper mechanical breaching tool needed for follow-up breaching if required  
                                  ( a )        2.    BAT determine proper mechanical breaching tool needed for follow-up breaching if required



URBAN BREACHER (WORKING)

LEARNING ANALYSIS WORKSHEET (LAW)

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TASK: 1371-MOBL-2013

TASK BEHAVIOR: Engage stationary targets with the shotgun

DATE OF LEARNING ANALYSIS: 20131001

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Performance Step: 1. Perform weapons handling procedures with the shotgun.

- Knowledge /Skills:
- ( h ) 1. KHT/BAT demonstrate proper weapons carry
  - ( h ) 2. KHT/BAT demonstrate the tactical carry
  - ( a ) 3. KHT/BAT state the characteristics of the shotgun
  - ( b ) 4. KHT/BAT described the components of the shotgun
  - ( c ) 5. BAT state the four safety rules in handling weapons
  - ( h ) 6. KHT/BAT carry the shotgun in the "ready" position
  - ( a ) 7. KHT/BAT demonstate proper weapons storage and handling
  - ( m ) 8. KHT perform immediate action drills
  - ( n ) 9. KHT perform remedial action drills

Performance Step: 2. Clear the shotgun.

- Knowledge /Skills:
- ( 1 ) 1. KHT/BAT place the shotgun into Condition 4
  - ( 1 ) 2. KHT/BAT inspect chamber for rounds
  - ( 1 ) 3. KHT/BAT inspect magazine tube for rounds

Performance Step: 3. Select the appropriate ammunition type.

- Knowledge /Skills:
- ( k ) 1. KHT/BAT select appropriate rounds
  - ( k ) 2. KHT/BAT select rounds for training

Performance Step: 4. Fill the magazine tube.

- Knowledge /Skills:
- ( i ) 1. KHT/BAT insert rounds into shotgun
  - ( i,l ) 2. KHT/BAT put weapon selector on safe

Performance Step: 5. Place the weapon in Condition 1.

- Knowledge /Skills:
- ( i ) 1. KHT place shotgun into Condition 1
  - ( j ) 2. BAT place the shotgun into Condition 1

Performance Step: 6. Effectively engage targets on command.

- Knowledge /Skills:
- ( j ) 1. KHT/BAT place shotgun into Condition 3
  - ( k ) 2. KHT/BAT place safety selector switch to "fire"
  - ( k ) 3. KHT/BAT sight in the weapon to the target



URBAN BREACHER (WORKING)

LEARNING ANALYSIS WORKSHEET (LAW)

- ( k ) 4. KHT/BAT engage targets with the shotgun
- ( k ) 5. KHT/BAT cycle the weapon with rounds inserted
- ( m ) 6. BAT perform immediate action on shotgun
- ( n ) 7. BAT perform remedial action on shotgun

Performance Step: 7. Place weapon in Condition 4.

- Knowledge /Skills:
- ( 1 ) 1. KHT/BAT place weapon into Condition 4
  - ( 1 ) 2. KHT/BAT clear the weapon
  - ( 1 ) 3. KHT/BAT engage safety

Performance Step: 8. Assess ammunition effects from 15 yards.

- Knowledge /Skills:
- ( 1 ) 1. KHT/BAT determine effectiveness of round on target

Performance Step: 9. Repeat steps 1 through 7 with "weak" side from 15 yards.

- Knowledge /Skills:
- ( k ) 1. KHT/BAT engage targets with "strong" side
  - ( k ) 2. KHT/BAT engage targets with "weak" side

Performance Step: 10. Unload weapon and show clear.

- Knowledge /Skills:
- ( 1 ) 1. KHT/BAT place weapon into Condition 4
  - ( 1 ) 2. KHT/BAT show weapon is clear of rounds

Performance Step: 11. Maintain the shotgun.

- Knowledge /Skills:
- ( del ) 1. KHT/BAT safely handle the shotgun
  - ( d ) 2. HKO weapon safeties
  - ( del ) 3. KHT/BAT place the shotgun into Condition 4
  - ( d ) 4. KHT/BAT disassemble the shotgun
  - ( b ) 5. KHT/BAT identify components of the shotgun
  - ( e ) 6. BAT identify cleaning materials
  - ( e ) 7. KHT/BAT clean the shotgun
  - ( e,f ) 8. KHT/BAT identify unserviceable components
  - ( f ) 9. KHT/BAT identify unserviceable components
  - ( g ) 10. KHT/BAT perform a function check on the shotgun
  - ( g ) 11. KHT/BAT unload and show clear



URBAN BREACHER (WORKING)

LEARNING ANALYSIS WORKSHEET (LAW)

TASK: 1371-MOBL-2014

TASK BEHAVIOR: Perform select shot drills with the shotgun

DATE OF LEARNING ANALYSIS: 20131002

Performance Step: 1. Clear the shotgun.

- Knowledge /Skills:
- ( del ) 1. KHT/BAT dry cycle the weapon
  - ( del ) 2. KHT/BAT physically inspect the breach of the weapon

Performance Step: 2. Assume the Ready Carry.

- Knowledge /Skills:
- ( del ) 1. KHT/BAT employ tactical weapon carries

Performance Step: 3. Fill the magazine tube with three rounds.

- Knowledge /Skills:
- ( a ) 1. KHT/BAT load the shotgun with limited rounds
  - ( b ) 2. KHT/BAT load the shotgun magazine fully with rounds

Performance Step: 4. Place the weapon in Condition 1.

- Knowledge /Skills:
- ( a ) 1. KHT/BAT cycle the weapon with limited rounds in the magazine
  - ( b ) 2. KHT/BAT cycle the weapon with magazine fully loaded
  - ( a ) 3. KHT/BAT place a weapon that has limited rounds into Condition 1
  - ( b ) 4. KHT/BAT place a fully loaded weapon into Condition 1

Performance Step: 5. Engage paper targets while conducting magazine tube not fully filled procedures.

- Knowledge /Skills:
- ( a,b ) 1. KHT/BAT place safety selector switch to "fire"
  - ( a,b ) 2. KHT/BAT sight-in the weapon to the target
  - ( a ) 3. KHT/BAT engage targets with a weapon not fully loaded
  - ( a ) 4. KHT/BAT cycle the weapon with limited rounds inserted

Performance Step: 6. Place the weapon in Condition 4.

- Knowledge /Skills:
- ( a ) 1. KHT/BAT clear a weapon not fully loaded
  - ( a,b ) 2. KHT/BAT place the weapon into Condition 4

Performance Step: 7. Fill the magazine tube completely.

- Knowledge /Skills:
- ( a,b ) 1. KHT/BAT put weapon selector on "safe"
  - ( b ) 2. KHT/BAT insert rounds into weapon to ensure fully loaded

Performance Step: 8. Place the weapon in Condition 1.

- Knowledge /Skills:
- ( del ) 1. DELETE: Covered in Performance Step #4



URBAN BREACHER (WORKING)

LEARNING ANALYSIS WORKSHEET (LAW)

Performance Step: 9. Fill the magazine tube with one final round.

Knowledge /Skills: ( b ) 1. KHT/BAT insert additional round(s) into magazine of weapon while in Condition 1

Performance Step: 10. Engage paper targets while conducting magazine tube fully filled procedures.

Knowledge /Skills: ( b ) 1. KHT/BAT engage targets with a fully loaded weapon

Performance Step: 11. Place the weapon in Condition 4.

Knowledge /Skills: ( del ) 1. DELETE: Covered in Performance Step #6

Performance Step: 12. Maintain the shotgun.

Knowledge /Skills: ( del ) 1. DELETE: Covered in 1371-MOBL-2013 event



URBAN BREACHER (WORKING)

LEARNING ANALYSIS WORKSHEET (LAW)

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TASK: 1371-MOBL-2016

TASK BEHAVIOR: Conduct ballistic breach

DATE OF LEARNING ANALYSIS: 20131002

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Performance Step: 1. Select the appropriate ammunition.

Knowledge /Skills: ( del ) 1. KHT/BAT select appropriate rounds for breaching method

Performance Step: 2. Fill the magazine tube with suitable ammunition.

Knowledge /Skills: ( del ) 1. KHT/BAT load magazine tube of weapon

Performance Step: 3. Place the weapon in Condition One.

Knowledge /Skills: ( del ) 1. KHT/BAT place weapon into Condition 1

Performance Step: 4. Select attack point(s) on the target.

Knowledge /Skills: ( del ) 1. KHT/BAT select proper round for breach  
( a ) 2. HKO breaching SOP  
( a ) 3. KHT/BAT determine standoff for breach  
( a ) 4. KHT/BAT visually inspect breach points  
( del ) 5. HKO component construction to be breached  
( c ) 6. KHT/BAT locate hinges of a door to be breached  
( b ) 7. KHT/BAT locate locksets of a door to be breached

Performance Step: 5. Position the muzzle.

Knowledge /Skills: ( b ) 1. KHT/BAT position the muzzle properly  
( d ) 2. KHT/BAT determine proper standoff from target points  
( del ) 3. HKO possible enemy location inside

Performance Step: 6. Fire the shotgun.

Knowledge /Skills: ( d ) 1. KHT/BAT engage hinges in "weak" side position  
( c ) 2. KHT/BAT engage hinges in "strong" side position  
( b ) 3. KHT/BAT engage locksets in "weak" side position  
( a ) 4. KHT/BAT engage locksets in "strong" side position

Performance Step: 7. Perform immediate action as required.

Knowledge /Skills: ( d ) 1. KHT/BAT perform immediate action in "weak" side position when engaging hinges



URBAN BREACHER (WORKING)

LEARNING ANALYSIS WORKSHEET (LAW)

- ( c )        2.    KHT/BAT perform immediate action in "strong" side position when engaging hinges
- ( b )        3.    KHT/BAT perform immediate action in "weak" side position when engaging locksets
- ( a )        4.    KHT/BAT perform immediate action in "strong" side position when engaging locksets

Performance Step: 8. Perform remedial action as required.

Knowledge /Skills: ( a,b,c,d )    1.    KHT/BAT conduct remedial actions for weapons malfunction

Performance Step: 9. Follow up with mechanical breaching as required.

Knowledge /Skills: ( del )        1.    DELETE: Taught during mechanical breaching

Performance Step: 10. Reload and prepare for follow-on actions.

Knowledge /Skills: ( b,d )        1.    KHT/BAT reload weapon from "weak" side position  
( a,c )        2.    KHT/BAT reload weapon from "strong" side position

Performance Step: 11. Maintain the shotgun.

Knowledge /Skills: ( del )        1.    DELETE: Taught in 1371-MOBL-2013 event



URBAN BREACHER (WORKING)

LEARNING ANALYSIS WORKSHEET (LAW)

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TASK: 1371-MOBL-2019

TASK BEHAVIOR: Perform manual breaching

DATE OF LEARNING ANALYSIS: 20131003

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Performance Step: 1. Conduct target analysis.

- Knowledge /Skills:
- ( a ) 1. KHT analyze the target to breach
  - ( a ) 2. BAT analyze the target to breach

Performance Step: 2. Select appropriate tool.

- Knowledge /Skills:
- ( a ) 1. HKO tools organic to the assault breacher kit
  - ( a ) 2. BAT select proper tool to follow-on a partial breach

Performance Step: 3. Employ the tool.

- Knowledge /Skills:
- ( a ) 1. KHT employ the hooligan breaching tool
  - ( b ) 2. BAT employ the hooligan breaching tool
  - ( b ) 3. KHT employ tools to effectively breach a partially breached target
  - ( b ) 4. BAT employ tools to effectively breach a partially breached target
  - ( a ) 5. KHT employ a sledge hammer
  - ( b ) 6. BAT employ a sledge hammer
  - ( a ) 7. KHT employ a battering ram
  - ( b ) 8. BAT employ a battering ram
  - ( a ) 9. KHT employ a wrecking bar
  - ( b ) 10. BAT employ a wrecking bar

