

ENGINEER EQUIPMENT OPERATOR NCO
Concept Card Report

ANNEX B - EQUIPMENT OPERATIONS

LESSON ID: NCOO - B01

HOURS: 176.00

TYPE: Task Oriented

CATEGORY: Training

TITLE: Material Handling Operations (LRT-110, MAC 50, KALMAR)

METHOD	HOURS	S:I RATIO
D	10.00	25 : 2
EM	26.00	25 : 2
L	17.00	25 : 1
PA	123.00	25 : 2

MEDIA: AIO, DB, HO, MCO, PPT, TM

TERMINAL LEARNING OBJECTIVE(S)

- 1 . Provided an engineer equipment requirement, engineer equipment records and forms, and references, operate the Rough Terrain Container Handler, to safely meet operational requirements with no injury to personnel or damage to the equipment. (1345-HEOP-2001)
- 2 . Provided an engineer equipment requirement, engineer equipment records and forms, and references, operate the Rough Terrain Air Mobile Crane (AMC), to safely meet operational requirements with no injury to personnel or damage to equipment. (1345-HEOP-2002)
- 3 . Provided an engineer equipment requirement, attachments, tools, engineer equipment records and forms, and references, operate the Marine All-Terrain Crane (MAC 50), to safely meet operational requirements with no injury to personnel or damage to the equipment. (1345-HEOP-2003)

ENABLING LEARNING OBJECTIVE(S)

- 1 . Without the aid of reference, identify crane safety procedures, per the TM 5-3810-305-10 and TM 11262A-OR/3. (1345-HEOP-2003a)
- 2 . Without the aid of reference, identify the characteristics of the (AMC) per the TM 5-3810-305-10. (1345-HEOP-2002a)



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- 3 . Provided a (AMC), engineer equipment records and forms, and with the aid of reference, initiate operator records and forms per the TM 4700-15/1_. (1345-HEOP-2002b)
- 4 . Provided a (AMC), engineer equipment records and forms, tools, petroleum, oils, and lubricants, and with the aid of reference, perform operation checks (before, during, and after) per the TM 5-3810-305-10. (1345-HEOP-2002c)
- 5 . Without the aid of reference, identify the characteristics of the MAC 50 per the TM 11262A-OR/3. (1345-HEOP-2003b)
- 6 . Provided a MAC 50, engineer equipment records and forms, and with the aid of reference, initiate operator records and forms per the TM 4700-15/1_. (1345-HEOP-2003c)
- 7 . Provided a MAC 50, engineer equipment records and forms, tools, petroleum, oils, and lubricants, and with the aid of reference, perform operation checks (before, during, and after) per the TM 11262A-OR/3. (1345-HEOP-2003d)
- 8 . Without the aid of reference, identify the characteristics of the KALMAR per the TM 11078A-OR. (1345-HEOP-2001a)
- 9 . Provided a KALMAR, engineer equipment records and forms, and with the aid of reference, initiate operator forms and records per the TM 4700-15/1_. (1345-HEOP-2001b)
- 10 . Provided a KALMAR, engineer equipment records and forms, tools, petroleum, oils, and lubricants, and with the aid of reference, perform operation checks (before, during, and after) per the TM 11078A-OR. (1345-HEOP-2001c)
- 11 . Provided a (AMC), engineer equipment records and forms, move crane to job site per the TM 5-3810-305-10. (1345-HEOP-2002d)



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- 12 . Provided a MAC 50, engineer equipment records and forms, move the crane to job site per the TM 11262A-OR/3. (1345-HEOP-2003e)
- 13 . Provided a KALMAR, an engineer equipment requirement, engineer equipment records and forms, move the KALMAR to job site per the TM 11078A-OR. (1345-HEOP-2001d)
- 14 . Provided a (AMC), training aids to be lifted, and with the aid of reference, perform assigned lifts per the TM 5-3810-305-10. (1345-HEOP-2002e)
- 15 . Provided a MAC 50, training aids to be lifted, and with the aid of reference, perform assigned lifts per the TM 11262A-OR/3. (1345-HEOP-2003f)
- 16 . Provided a KALMAR, containers, an engineer equipment requirement, engineer equipment records and forms, and reference, stack containers three high per the TM 11078A-OR. (1345-HEOP-2001e)
- 17 . Provided a (AMC), engineer equipment records and forms, and reference, complete operational records and forms per the TM 4700-15/1_. (1345-HEOP-2002f)
- 18 . Provided a MAC 50, engineer equipment records and forms, and reference, complete operational records and forms per the TM 4700-15/1_. (1345-HEOP-2003g)
- 19 . Provided a KALMAR, an engineer equipment requirement, engineer equipment records and forms, and reference, complete operational records per the TM 4700-15/1_. (1345-HEOP-2001f)
- 20 . Provided a MAC 50, a clamshell, tools and equipment, and with the aid of reference, identify procedures to install/remove clamshell per the TM 11262A-OR/3. (1345-HEOP-2003h)
- 21 . Provided a KALMAR, an engineer equipment requirement, engineer equipment records and forms, and



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reference, install forklift kit attachment per the TM 11078A-OR. (1345-HEOP-2001g)

- 22 . Without the aid of reference, identify the procedures for load testing per the MCO 11262.2. (1345-HEOP-2003i)
- 23 . Provided with a (AMC), a completed annual condition inspection, load test facilities and equipment, appropriate tools, and reference. Assist test director/instructor to conduct load test per the MCO 11262.2. (1345-HEOP-2002g)
- 24 . Provided with a MAC 50, a completed annual condition inspection, load test facilities and equipment, appropriate tools and reference. Assist test director/instructor to conduct load test per the MCO 11262.2. (1345-HEOP-2003j)

NOTE(S):

<u>REFERENCE - TITLE</u>	<u>PUBLICATION ID</u>	<u>CHAPTER/PAGE</u>
Appropriate Technical Manuals		
Ground Equipment Record Procedures	TM 4700-15/1_	
Inspection, Testing, and Certification of Tactical Ground Load Lifting Equipment	MCO P11262.2	
Operation/maintenance manual with repair part list	TM 09166B-14&P	
Operations and Operator/Crew Maintenance Manual for all- terrain crane	TM 11262A-OR/3	
Operators manual for crane, wheel mounted, hydraulic, light, 7 ½ ton rough terrain crane	TM 5-3810-305-10	
Rough Terrain Container Handler (RTCH) RT 240 V2; 53,000LB Capacity; 4X4	TM 11078A-OR	
Tactical Engineer Equipment Licensing Manual	TM 11275-15/4	



Date: 20131031

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