

ENGINEER EQUIPMENT OPERATOR NCO  
Concept Card Report

ANNEX B - EQUIPMENT OPERATIONS

LESSON ID: NCOO - B03

HOURS: 64.00

TYPE: Task Oriented

CATEGORY: Training

TITLE: Horizontal Construction (621B, HYEX)

METHOD	HOURS	S:I RATIO
D	4.00	25 : 2
EM	12.00	25 : 2
L	6.00	25 : 1
PA	42.00	25 : 2

MEDIA: AIO, DB, HO, PPT, TM

TERMINAL LEARNING OBJECTIVE(S)

- 1 . Provided an engineer equipment requirement, engineer equipment records and forms, and references, operate the Hydraulic Excavator (HYEX), to safely meet operational requirements with no injury to personnel or damage to the equipment. (1345-HEOP-2005)  
DOWNGRADE JUSTIFICATION: Have not recieved equipment at the FLC.
- 2 . Provided an engineer equipment requirement, engineer equipment records and forms, and references, operate the 621G Scraper, to safely meet operational requirements with no injury to personnel or damage to the equipment. (1345-HEOP-2004)

ENABLING LEARNING OBJECTIVE(S)

- 1 . Without the aid of reference, identify the characteristics of the 621G Scraper per the TM 08900B-OR/1. (1345-HEOP-2004a)
- 2 . Provided a621G Scraper, engineer equipment records and forms, and with the aid of reference, initiate operator forms and records per the TM 4700-15/1\_. (1345-HEOP-2004b)
- 3 . Provided a 621G, engineer equipment records and forms, tools, petroleum, oils, and lubricants, and with the aid of reference, perform operator checks(before, during, after)per the TM 08900B-OR/1.



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(1345-HEOP-2004c)

- 4 . Provided a 621G, engineer equipment records and forms, move 621B to job site per the TM 08900B-OR/1. (1345-HEOP-2004d)
- 5 . Provided a 621G, a 850J MCT Crawler Dozer, engineer equipment records and forms, and references, perform 621G operations per the TM 08900B-OR/1. (1345-HEOP-2004e)
- 6 . Provided a 621G, engineer equipment records and forms, and references complete operational records per the TM 4700-15/1\_. (1345-HEOP-2004f)
- 7 . Without the aid of reference, identify the characteristics of the (HYEX) per the TM 12141A-OR/1. (1345-HEOP-2005a)
- 8 . Provided a (HYEX), engineer equipment records and forms, and with the aid of reference, initiate operator forms and records per the TM 4700-15/1\_. (1345-HEOP-2005b)
- 9 . Provided a (HYEX), engineer equipment records and forms, tools, petroleum, oils, and lubricants, and with the aid of reference, perform operator checks(before, during, after)per the TM 12141A-OR/1. (1345-HEOP-2005c)
- 10 . Provided a (HYEX), engineer equipment records and forms, move (HYEX) to job site per the TM 12141A-OR/1. (1345-HEOP-2005d)
- 11 . Provided a (HYEX), engineer equipment records and forms, and references, perform general engineering operations per the TM 12141A-OR/1. (1345-HEOP-2005e)
- 12 . Provided a (HYEX), engineer equipment records and forms, and references, change attachments per the TM 12141A-OR/1. (1345-HEOP-2005f)



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13 . Provided a (HYEX), engineer equipment records and forms, and references complete operational records per the TM 4700-15/1\_ (1345-HEOP-2005g)

**NOTE(S):**

**REFERENCE - TITLE**

**PUBLICATION ID**

**CHAPTER/PAGE**

850 JR Crawler Dozer

TM 11503A-OR

Appropriate Technical Manuals

Ground Equipment Record Procedures

TM 4700-15/1\_

Operators manual 250 GR

TM 12141A-OR/1

Operator's Manual; 850JR MCT Crawler Dozer

TM 11503A-OR

Tactical Engineer Equipment Licensing Manual

TM 11275-15/4

Tractor-Scraper, Wheeled Model 621G

TM 08900B-OR/1

