



RSV SECTION OPERATIONS

Prepared 14 OCT 15

Security Classification: **UNCLASSIFIED**

INSTRUCTIONS TO STUDENTS:

During this 120-minute period you will be tested on your knowledge of the HIMARS Ammunition Section Operations and Operator level maintenance. The examination consists of 40 multiple choice and TRUE/FALSE questions. All reference material and notes may be used.

1. Checking the fire extinguisher is an after operations check?

A. TRUE
B. FALSE

IETM 9-2300-314-14P
PMCS Before operations check

2. What is the maximum speed for operating the CTIS in sand mode?

A. 5 mph
B. 40 mph
C. 12 mph
D. 55 mph

IETM 9-2300-314-14P
Section III Description and use of operator controls
and indicator work package.
3.c. Table 5 (CTIS)

3. Checking the fuel water separator is a before operations check?

A. TRUE
B. FALSE

IETM 9-2300-314-14P
PMCS After operations check

4. Loading MFOM RPs should be accomplished using the MHC remote control, _____ speed is recommended when maneuvering within two feet of lowering MFOM RPs into pod shoes on cargo bed.

A. 10%
B. 100%
C. 30%
D. 60%

IETM 9-2300-314-14P
Operator Instructions
Operation under usual conditions
Operating procedures

5. Operating in water or mud causes brake linings to get wet and can impair vehicle breaking, dry brakes by driving the vehicle _____ while applying service brakes often.

A. 200ft
B. 500ft
C. 250ft
D. 800ft

IETM 9-2300-314-14P
Operator Instructions
Operation under unusual conditions
Unusual environment / weather
Operation in mud work package
a.1.(Warning Box)

6. In normal driving mode the transfer case delivers what percent of torque to the front axle?

- A. 75%
- B. 80%
- C. 70%
- D. 30%

IETM 9-2300-314-14P
Theory of operation

7. Before you disconnect the MHC remote controller you must first?

- A. Press the master stop button
- B. Select another function
- C. Turn off the master power
- D. Press the emergency stop switch on the remote

IETM 9-2300-314-14P
Operator instructions
Operation under usual conditions
Operating procedures
MHC k.1.

1. The RSV can ford water up to _____ inches of water.

- A. 12
- B. 30
- C. 18
- D. 24

IETM 9-2300-314-14P
Equipment description
Equipment characteristics, capabilities, & features
Section I 1.b.b

8. What is the DODAC for the Reduced Range Practice Round?

- A. H104
- B. H186
- C. H185
- D. HA22

SB 742-1340-92-011
Section I

9. After selecting mode on you TPSS, what range does the vehicle operate in?

- A. 4x6
- B. 2x6
- C. 4x4
- D. 6x6

IETM 9-2300-314-14P
Theory of operation
Section I b.d.

10. You should not engage the engine exhaust brake when?

- A. Descending a slope in the desert
- B. When fording 40 in of water
- C. During icy or slippery conditions
- D. During air load operations

IETM 9-2300-314-14P
Operator Instructions
Operation under unusual conditions
Unusual environment / weather
Operation in cold environment work package
a.(3rd Warning Box)

11. Reload points should be located at least ____ meters from firing points and at least ____ meters from any other element.

ATP 3-09.60

- A. 200, 500
- B. 150, 200
- C. 800, 500
- D. 800, 1000

12. Loading and unloading MLRS MFOM RPs, the vehicle must be positioned on a level surface not to exceed ____ degrees in all axis combined.

- A. 2
- B. 3
- C. 4
- D. 5

IETM 9-2300-314-14P
Operator Instructions
Operation under usual conditions
Operating procedures
Loading / Unloading MLRS MFOM RPS
conditions

13. Unless otherwise directed, _____ LPCs will be maintained at each LSP

- A. Four
- B. Two
- C. One
- D. Eight

BN TACSOP

14. The color code identification for an M39ATACMS is?

- A. Blue
- B. Pink with white dots
- C. One large yellow square left front and right rear corner
- D. One large brown square

ATP 3-09.60

15. What is the model number for the resupply trailer?

- A. M1084A1
- B. M1079
- C. M1101
- D. M1095

IETM 9-2300-314-14P
HIMARS Resupply Trailer

16. What is the turning radius for the RSV?

- A. 100ft
- B. 47 meters
- C. 30 meters
- D. None of the above

IETM 9-2300-314-14P
Description & Theory of operation
Equipment description work package
Section III 3. Table 2

17. MFOM RPs weigh approximately _____ pounds?

- A. 5000
- B. 4700

IETM 9-2300-314-14P
Operator Instructions
Operation under usual conditions
Operating procedures
Loading / Unloading MLRS MFOM RPS
a. (Warning Box)

- C. 5500
- D. 5100

18. The maximum boom extension of the MHC is?

- A. 21 ft
- B. 13 ft 4 in
- C. 17 ft
- D. None of the above

IETM 9-2300-314-14P
Operator Instructions
Operation under usual conditions
Operating procedures
Material Handling Crane
a.1.

19. The Ammunition Holding Area should be located 100-300 meters from the platoon HQ?

- A. True
- B. False

ATP 3-09.60

20. How is the spare tire lowered?

- A. Roll off method
- B. Use of the MHC
- C. The Hydraulic Manifold
- D. The Inclinator

IETM 9-2300-314-14P
Description and theory of operation
Equipment description
Location and description of major components
2.a. (window will not scroll down)

22. The Coolant Temp indicator illuminates (red) when the engine coolant temperature is greater than _____?

- A. 180 C
- B. 250 F
- C. 200 C
- D. 230 C

IETM 9-2300-314-14P

23. What is the tire pressure when in sand mode?

- A. 22 psi
- B. 55 psi
- C. 35psi
- D. 153kpa

IETM 9-2300-314-14P
Description and use of operator controls and indicator
work package
Section III

24. A class III leak on the MHC deadlines it.

- A. True
- B. False

IETM 9-2300-314-14P
PMCS
Before operation checks
MHC 1

25. You dropped an MFOM 18 inches what do you do?

- A. Have it inspected
- B. Nothing
- C. Inform the Launcher Chief at the ASP
- D. Wipe it off drive on with the mission

SB 742-1340-92-011
IETM 9-2300-314-14P
Operator instructions
Operation under usual conditions
Operating procedures
Loading / Unloading MLRS MFOM RPs

26. The X-C (Cross-Country) Mode Button illuminates (red) when the tire pressure is _____?

- A. 25 psi.
- B. 35 psi.
- C. 37 psi.
- D. None of the above.

IETM 9-2300-314-14P
Description and use of operator controls
and indicator work package
Section III
3.c Table 5 (CTIS)

27. The Inclinometer is graduated in what two types of measurements?

- A. Centimeters and Millimeters
- B. Decameters and Feet
- C. Degrees
- D. Slope and Roll

IETM 9-2300-314-14P
Description and use of operator controls
and indicator work package
Section II
2. Table 2 (Auxiliary panel controls)

28. What are the steps used to reset the CTIS?

- A. Position master power switch to off, then position master switch to the on position.
- B. Hold emergency and run flat simultaneously
- C. Unplug the CTIS re plug it before the next engine start
- D. Ignore it keep rolling

IETM 9-2300-314-14P
Vehicle operation work package
F.1.-2.

29. Before you connect the MHC remote to the power cable the remote button should be pushed in.

- A. True
- B. False

IETM 9-2300-314-14P
Operator instructions
Operation under usual conditions
Operating procedures
MHC F.10.

30. While using the MHC, all OLP led lights go red you should

- A. Hit the stop button
- B. Reduce the pressure on the inner and outer booms
- C. Hoist down on the cable
- D. Press the OLP button on the remote

IETM 9-2300-314-14P
Operator instructions
Operation under Unusual conditions
Emergency procedures
MHC D.1.(Caution box)

31. The MHC remote controller controls the outriggers and the cab tilt functions?

- A. True
- B. False

IETM 9-2300-314-14P
Operator instructions
Operation under usual conditions
Operating procedures, MHC i.2.

32. When charging the RST the park brake must be engaged?

- A. True
- B. False

IETM 9-2300-314-14P
Operator instructions
Operation under usual conditions
Operating procedures
Vehicle operation work package
Coupling RST to RSV work package
a.18

33. The left and right side outriggers and jack cylinders may be operated from either side of the RSV?

- A. True
- B. False

IETM 9-2300-314-14P
Operator instructions
Operation under usual conditions
Operating procedures,

34. The OLP switch on the MHC remote control provides ____ seconds of operation to allow movement to reduce pressure to the inner and outer boom.

- A. 30
- B. 15
- C. 10
- D. 20

IETM 9-2300-314-14P
Operator instructions
Description and use of operator controls
Section XII
10.5. Table 49 (MHC remote control unit)

35. The Inclinator is used on vehicles to prevent _____?

- A. Flip-Over
- B. Speeding
- C. Traffic Tickets
- D. UCMJ

IETM 9-2300-314-14P
Description and use of operator controls
and indicator work package
Section II
2. Table 2 (Auxiliary panel controls)

36. What are the three speeds of the MHC remote controller?

- A. 25, 50, 60
- B. 60, 80, 100
- C. 100, 60, 30
- D. 100, 50, 20

IETM 9-2300-314-14P
Operator instructions
Operation under usual conditions
Operating procedures,
MHC f.10. (Note box)

37. What is the maximum load for the MHC when the load distance is 9'2"?

- A. 5500lbs
- B. 7000lbs
- C. 9600lbs
- D. None of the above

IETM 9-2300-314-14P
Operator instructions
Operation under usual conditions
Operating procedures,
MHC a.1.

38. Your wiper washer fluid is out where do you fill it?

- A. Under the cab
- B. In the drivers step plate**
- C. Behind the cab
- D. Inside the fender

IETM 9-2300-314-14P
Equipment description / location of major components
Section II

39. Recovering from air transport the CTIS is placed in which mode?

- A. Highway mode
- B. Cross country
- C. Sand
- D. Run flat and highway mode with hi idle on**

IETM 9-2300-314-14P
Preparation for internal Air Transport work package
d. preparing for operation

40. In addition to secure radio communications, the RSV can be equipped with the _____.

- A. Movement Tracking System**
- B. Command Post of the Future
- C. Battlefield Operating System
- D. Ammunition Placement Support Device

ATP 3-09.60
Para 2-89

41. What is the weight of the M31A1?

- A. 5069lbs**
- B. 5071lbs
- C. 5111lbs
- D. 4682lbs

TM 9-1055-1646-13&P
Ammunition, Frame 8

42. Can burning rocket propellant be extinguished?

- A. Yes
- B. No**

TM 9-1055-1646-13&P
Ammunition, Frame 12, Warning

43. Do not smoke within _____ of a rocket pod or GMLA loading area.

- A. 50 Feet
- B. 50 Meters
- C. 164 feet
- D. Both B and C**

TM 9-1055-1646-13&P
Ammunition, Frame 13

44. Possible exposure to ignited rocket propellant requires immediate access to _____ for all operations outside of the cab.

- A. Fire Extinguishers
- B. Survivability Positions
- C. NBC Masks**

TM 9-1055-1646-13&P
Ammunition, Frame 12

D. Decontamination Apparatus

45. Concerning the inspection of ammunition, what is a crack?

A. A narrow break in material

B. A slight depression

C. A slight scratch

D. A narrow shallow displacement of material from a surface

TM 9-1055-1646-13&P
Ammunition, Frame 17

46. Which of the following conditions having occurred would be cause to reject a rocket pod or GMLA?

A. Crimped, frayed, loose, or broken wiring

B. Cracked, gouged, or shattered launch tubes

C. Cracks and/or bends on the lifting bar

D. All of the above

TM 9-1055-1646-13&P
Ammunition, Frame 21

47. What is the drop criterion for the M28?

A. Less than 12 inches

B. More than 18 inches

C. More than 12 inches

D. No drop allowed

TM 9-1055-1646-13&P
Ammunition, Frame 65

48. Operating temperature limits for MLRS RPs are ____.

A. -32° F to 160° F

B. -30° F to 160° F

C. -25° F to 140° F

D. -34.4° F to 71.1° C

SB742-1340-92-011, PG. 5,
Section II, para. 4d.

49. All dropped rocket pods will be inspected.

A. True

B. False

SB742-1340-92-011, PG. 5,
Section II, para. 4g.

50. Defects on the M28 are classified into one of four categories. Which of the following is not one of those categories?

A. Emergency

B. Major

C. Minor

D. Incidental

SB742-1340-92-011, PG. 7,
Section II, para. 7a. 1-4

51. Which defect classification would a ground cable with 2 of the 7 strands completely severed meet?

A. Incidental

SB742-1340-92-011, PG. 10,
Section II, TBL III, #5, 3c.

- B. Minor
- C. Emergency
- D. Major**

52. Flammable liquids must be stored at least _____ from the nearest ammunition item being processed.

- A. 50 meters
- B. 50 feet**
- C. 100 meters
- D. 100 feet

SB742-1340-92-011, PG. D1,
Appx. D #7

53. What are the storage temperature limits for GMLRS?

- A. -30° F to 160° F**
- B. -34° F to 171° F
- C. -25° F to 140° F
- D. -32° C to 200° F

SB742-1340-92-012, PG. 10,
Para. 7b, 3.

54. What is the correct definition of the acronym QASAS?

- A. Quality Assurance Specialist for Ammunition Surveillance**
- B. Quality Assurance Reporting Requirements
- C. Quality and Safety Achievement Recognition
- D. Quality Assurance Systems Analysis Review

Fort Bragg ASP External SOP, Glossary,
Section I, Abbreviations

55. Before transporting ammunition, which form shall be used to inspect motor vehicles?

- A. SF 3
- B. DA Form 214
- C. DD Form 626**
- D. DA Form 581

Fort Bragg ASP External SOP, Chapter 2-
2f, para 6.

56. DODIC stands for Department of Defense Identification Code?

- A. True**
- B. False

Fort Bragg ASP External SOP, Glossary,
Section I, Abbreviations

57. The difference between operational load ammunition and training load ammunition, is what you use them for, e.g. funeral detail, or M4 Qualification Range.

- A. True
- B. False**

Fort Bragg ASP External SOP, Glossary,
Section II, Terms

58. A DA FORM 5515 is used to sign Class V Ammunition to a different person, whom did not sign for the ammunition, from the ASP.

Fort Bragg ASP External SOP, Chapter 3-
3a, para 4.

- A. True
- B. False

59. The tarpaulin needed for covering ammunition on a truck must be fire-retardant.

- A. True
- B. False

Fort Bragg ASP External SOP, Chapter 4-4e

60. What must be accomplished in order to turn in live ammunition and residue?

- A. Segregated by type
- B. Mix ammunition
- C. Annotated on DA Form 5502, that all ammunition has been repackaged
- D. Bury the ammunition that failed to function correctly

Fort Bragg ASP External SOP, Chapter 6-1d, para 1-3.

61. Which types of ammunition may be stored in the unit arms room?

- A. All ammunition types
- B. depends on the arms room certification
- C. No ammunition can be stored in the arms room, at any time
- D. None of the Above

Fort Bragg ASP External SOP, Chapter 5-1b, pg 48

62. Who shall prepare a Field ASP request, and who needs to sign/approve of it.

- A. The battery commander
- B. Personnel picking up ammunition
- C. The S-3, Ammunition Manager, Range Control, and QASAS
- D. No request for a FASP is necessary.

Fort Bragg ASP External SOP, Chapter 5-1, para 2

63. What must you do to ammunition when using it at a range?

- A. Ensure that only ammunition needed at the moment is opened.
- B. Break all seals to all cans
- C. Load all weapons systems, and make sure all ammo is taken out of the cans
- D. Use the round as a hammer

Fort Bragg ASP External SOP, Chapter 5-2, para a1

64. When turning in live and residue, two copies of DA 581's are necessary. One for live, and one for residue.

- A. True
- B. False

Fort Bragg ASP External SOP, Chapter 6-1, para 5e

65. A SFC, must inspect all ammunition before it can be turned in, what is the purpose of this?

- A. To look at the ammo, and see how shiny it is

B. To verify that lot numbers on the ammunition match the lot number on the ammo can

- C. Break seals on all ammo cans that are unopened
D. Verify count of rounds shot at the range

Fort Bragg ASP External SOP, Chapter 6-1, para 2g

66. How long do you have to turn in all ammunition, after the training exercise?

- A. However long it takes to get it done
B. 24 hours
C. 5 business days
D. 30 days

Fort Bragg ASP External SOP, Chapter 6-4, para 2d

67. Explain the purpose of the amnesty program?

- A. To make a turn in easier, it does not require a DA Form 581
B. To turn in found ammunition, after reconciling and closing out a document number
C. To turn in duds, misfired rounds
D. It is only a trashcan, you cannot put ammunition in it

Fort Bragg ASP External SOP, Chapter 6-5, para 3

66. Where can information on specific weapons qualifications (STRAC) be found?

- A. DA PAM 350-39**
B. DA Form 581
C. AR 670-1
D. DA Form 626

Fort Bragg ASP External SOP, Appendix A, pg. 81

67. Which of the following is considered category II ordnance?

- A. Hand Grenades, and mines**
B. .50 Cal or below
C. Only EOD uses these
D. Anything that blows up

Fort Bragg ASP External SOP, Appendix C, para 2b

68. Category I ammunition, such as an AT-4 is considered to be in a 'ready-to-fire' configuration, meaning the round is inside the tube it is fired from, and does not require anything else in the package, to fire the round.

- A. True**
B. False

Fort Bragg ASP External SOP, Appendix C, para 2a

69. What is the proper action to be taken upon discovery of a suspected dud?

- A. Bury it
B. Conspicuously mark and report duds to range control
C. Burn it
D. Ignore it

Fort Bragg ASP External SOP, Appendix E, para E-1.c

70. When storing Category I ammunition in a Field ASP, it must be under constant armed guard.

- A. False
- B. True**

Fort Bragg ASP External SOP, Appendix F, para F-2.f

71. Once a Field ASP is established, and everything is inventoried, the following shall happen?

- A. Establish four entry control points
- B. Inventory all my ammunition, and every 24 hours**
- C. At least 30% guard must be established
- D. All of the above

Fort Bragg ASP External SOP, Appendix F, para F-2.h

72. When drawing ammunition, the following must be in the vehicle

- A. 2, 10BC Fire Extinguishers**
- B. 4, 5 BC Fire Extinguishers
- C. 1, 45CD HALON Fire Extinguisher
- D. The Fire extinguisher assigned to the vehicle is sufficient

Fort Bragg ASP External SOP, Chapter 4-2, para b

73. What is AFOP?

- A. Ammunition Found on Post**
- B. Ammunition Frequency Officer Position
- C. Agency for Official Permissions
- D. A component of MFOM

Fort Bragg ASP External SOP, Glossary, Section I, Abbreviations

74. Block 28 on the DA Form 581 requires this statement: *"Contents have been inspected. They do not contain any live rounds, unfired primers, explosives, or other dangerous material and do not constitute hazardous waste munitions as defined in the EPA-MR."*

Who signs in this block, certifying the above statement?

- A. Ammunition handler
 - B. The battalion commander
 - C. SFC or above**
 - D. whoever is there to sign it
- Chapter 6-3 paragraph D (page 70)

Fort Bragg ASP External SOP, Chapter 6-3d

75. Which chapter in the ASP External SOP covers Operational Loads?

- A. Chapter 3**
- B. Chapter 4
- C. Chapter 2
- D. Appendix G

Fort Bragg ASP External SOP, Chapter 3-9

