

TRAINING SUPPORT PACKAGE (TSP)

TSP Number/Title 55B40C05PE1 Inspect Munitions Field Storage Area

Task Number(s)/ Title(s) 093-400-4276 Inspect Munitions Field Storage Area

Effective Date 21 August 1998

Supersedes TSP(s) MP-10/C 645-55B40

TSP User USAOMMCS, Redstone Arsenal, Alabama and Accredited Ordnance TASS Battalion

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Foreign Disclosure Restrictions If Allied students are scheduled to attend this class, coordination with Security Division (ATSK-AS) is required to determine if the information can be released to Allied students.

Preface

Purpose

This training support package provides the instructor with a standardized lesson plan for presenting instruction for:

LESSON TITLE:	Inspect Munitions Field Storage Area
CONDITIONS:	In a classroom environment and given: Site Inspection Report Inert Munitions FM 9-13 TM 9-1300-206
STANDARD:	Inspect munitions field storage areas in accordance with FM 9-13 and TM 9-1300-206. Correctly record and report all deficiencies noted during the site inspection report.

This TSP Contains

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(21 August 1998)

SECTION I. ADMINISTRATIVE DATA

All Courses Including this Lesson	<u>COURSE NUMBER(S)</u>	<u>COURSE TITLE(S)</u>
	645-55B40	Ammunition Specialist, ANCOG

Task(s) Taught or Supported	<u>TASK NUMBER</u>	<u>TASK TITLE</u>
	093-400-4276	Inspect Munitions Field Storage Area

Reinforced Task(s)	<u>TASK NUMBER</u>	<u>TASK TITLE</u>
	None	

Academic Hours The academic hours required to teach this lesson are as follows:

	ADT <u>HOURS/METHOD</u>
Practical Exercise	7.0 / PE1
<hr/>	
Total hours	7.0

Test Lesson Number		<u>Hours</u>	<u>Lesson No.</u>
	Testing:	3.0 TE2	55B40C07
	Review of test results:	1.0 CO	55B40C08

Prerequisite Lesson(s)	<u>LESSON NUMBER</u>	<u>LESSON TITLE</u>
	55B40C01	Munitions/Explosive Storage Standards
	55B40C02	Inspect Munitions Storage Facilities
	55B40C03	Plan Munitions Storage Operations
	55B40C04	Conduct Explosive Safety Survey
	55B40C05**	Inspect Munitions Field Storage Area

** Reserve students must complete the non resident class 55B40C05 Inspect Munitions Field Storage Area before completing the PE1 during resident training.

Clearance and Access Unclassified - If Allied students are scheduled to attend this class, coordination with Security Division (ATSK-AS) is required to determine if the information can be released to Allied students.

References Required. TM 9-1300-206, FM 9-13, and AMDEF Extracts

Related None

Student Study Assignments None

Instructor Requirements One instructor, plus one additional instructor per 6 students

Additional Support Personnel Requirements Bus Driver

Equipment Required Inert Munitions, Bus

Materials Required INSTRUCTOR MATERIALS:

STUDENT MATERIALS: Critique Sheet

**Classroom,
Training Area,
and Range
Requirements**

One 30-person classroom, terrain board

**Munitions
Requirements**

None

**Instructional
Guidance**

None

**Proponent
Lesson Plan
Approvals**

Name

Rank

Position

Date

SECTION II. INTRODUCTION

Method of instruction: PE1
 Instructor-to-student ratio: 1:12
 Time of instruction: 0.1 hours

Motivator Good morning/afternoon, class. I am _____. I will be your primary instructor for this lesson. In a wartime environment, munitions must be stored in the field to support ongoing actions. In order to provide the front line troops with serviceable munitions, the munitions inspectors will be the personnel with the surveillance expertise and knowledge of all the particulars of storage, preservation, and proper care of munitions.

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:	Inspect Munitions Field Storage Area
CONDITIONS:	In a classroom environment and given: Site Inspection Report Inert Munitions FM 9-13 TM 9-1300-206
STANDARD:	Inspect munitions field storage areas in accordance with FM 9-13 and TM 9-1300-206. Correctly record and report all deficiencies noted during the site inspection report.

Safety Requirements None

Risk Assessment Level Low

Environmental Considerations None

Evaluation Each student completes a critique sheet.

Instructional Lead-in The purpose of this practical exercise is for you to demonstrate how well you have retained the information in the non-resident lesson, Inspecting Munitions Field Storage Area.

SECTION III. PRESENTATION

1. Learning Step/Activity 1: Practical Exercise - Perform Inspection Of Munitions Field Storage Areas.

Method of instruction: PE1
Instructor-to-student ratio: 1:12
Time of instruction: 6.0 hours
Media: None

Note: Refer to the attached PE Solution and Work Sheet.

SECTION IV. SUMMARY

Method of instruction: PE1
Instructor-to-student ratio: 1:12
Time of instruction: 1.0 hour

**Review/
Summarize
Lesson**

During this lesson we have conducted a practical exercise designed to reinforce previous instruction on this subject.

**Check on
Learning**

Determine if students have learned the material presented by:

- a. Soliciting student questions and explanations.
 - b. Asking questions and getting answers from the students.
 - c. Correcting student misunderstandings.
-

**Transition to
Next Lesson**

Your next lesson will be lesson 55B40C06, Review Annex C (part 1)

SECTION V. STUDENT EVALUATION

**Testing
Requirements**

None

**Feedback
Requirement**

None

PRACTICAL EXERCISE SHEET 55B40C05-PE1

Title Conduct Explosive Safety Survey

Safety Requirements None

Risk Assessment Level Low

Environmental Considerations None

Evaluation End of practical exercise critique

Resource Requirements Required references: FM 9-13, TM 9-1300-206, PE Worksheet
Equipment: Inert munitions

Special Instructions

1. You have 6 hours to complete the practical exercise.
2. You may use all issued references.
3. Direct any questions you may have to the instructor.

Procedures Complete all requirements based on the given information in the practical exercise.

DODIC	NSN	FIELD STORAGE CATEGORY	TOTAL TONNAGE	NUMBER OF STACKS/FSU'S	LOCATION NUMBER
A068	1305-00-965-0832				
A131	1305-00-005-8007				
A165	1305-00-926-3942				
A363	1305-01-172-9558				
A400	1305-00-028-6629				
A363	1305-01-172-9558				
A576	1305-00-003-8803				
A653	1305-01-135-2582				
A655	1305-00-152-3660				
A792	1305-00-401-1536				
A974	1305-01-092-0428				
B130	1305-01-155-3197				
B504	1310-00-541-6148				
B505	1310-00-541-6149				
B505	1310-00-541-6150				
B508	1310-00-541-6152				
B509	1310-00-541-6153				
B535	1310-00-922-9780				
B536	1310-00-922-9784				
B537	1310-00-999-3455				
B542	1310-01-319-1541				
B546	1310-00-992-0451				
B572	1310-00-976-0908				
C699	1315-00-007-4882				
C706	1315-00-935-9212				
C708	1315-00-935-9214				
D501	1320-00-434-8865				
D502	1320-00-434-8861				
D503	1320-01-050-6059				
D505	1320-00-926-1940				
D509	1320-01-050-7966				
D510	1320-01-077-4279				
D528	1320-01-140-2611				
D532	1320-01-067-3769				
D533	1320-01-093-6856				
D540	1320-00-028-4873				
D541	1320-00-767-9441				
D544	1320-00-529-7331				
D552	1320-00-935-6053				
D563	1320-00-126-7339				
D579	1320-00-963-8278				
G880	1330-00-935-6064				
G881	1330-00-133-8244				
G930	1330-00-219-8511				
G935	1330-00-219-8510				
G940	1330-00-289-6851				
H104	1340-01-122-3506				
H110	1340-00-169-5413				

Inspect Munitions Field Storage Area
Practical Exercise Sheet

55B40C05-PE1

DODIC	NSN	FIELD STORAGE CATEGORY	TOTAL TONNAGE	NUMBER OF STACKS/FSU'S	LOCATION NUMBER
H116	1340-01-049-1882				
H164	1340-01-223-9189				
H180	1340-01-026-1730				
H370	1340-00-236-0440				
H464	1340-01-223-9187				
N285	1390-01-247-4013				
N340	1390-01-080-9447				
N464	1390-01-137-5444				
N523	1390-00-892-4202				
PA66	1410-01-092-7367				
PA79	1410-01-126-4662				
PL23	1427-00-163-8959				

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RECEIPTS TO THE ASP

	<u>DAY 1</u>		<u>DAY 2</u>		<u>DAY 3</u>	
<u>DODIC</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>
A131	480,000 LC 88G6311492	_____	480,000 LC 83A611A492	_____	480,000 LC 82C611B492	_____
A974	13,500 HJA 86L091-007	_____	13,500 HJA 85A093-006	_____	13,500 HJA 85C092-001	_____
A792	5,000 PFC 83C203-003	_____	5,000 PFC 82A202-012	_____	5,000 PFC 85C186-011	_____
A068	691,200 LC 89F631-004	_____	691,200 LC 89F631-005	_____	691,200 LC 89F631-007	_____
A165	720,000 LCC 90B056-003	_____	360,000 LCC 90B056-009	_____	360,000 LCC 90B056-010	_____
A363	960,000 LCC 95F023-002	_____	480,000 LCC 95F023-002	_____	480,000 LCC 95F023-002	_____
A400	108,000 JA 480-054	_____	54,000 JA 966-2	_____	54,000 LC 4456-123	_____
A576	10,000 LC 4123-554	_____	20,000 LCC 22-4678	_____	10,000 LC 43-889	_____
A653	36,000 WAA 45678-3	_____	36,000 WAA 46934-1	_____	18,000 WAA 19345-9	_____
A655	5,500 SAA 4356-4-22	_____	4,300 SAA 4356-4-06	_____	3,000 SAA 4356-4-14	_____

RECEIPTS TO THE ASP

	<u>DAY 1</u>		<u>DAY 2</u>		<u>DAY 3</u>	
<u>DODIC</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>
B130	17,280 SAA 2298-5-2	_____	8,640 SAA 2298-65-2	_____	8,640 SAA 2298-88-2	_____
B504	1,100 PA 5556-444	_____	1,100 PA-5554-455	_____	0	_____
B505	0	_____	1,100 PA 2334-222	_____	1,100 PA 2322-677	_____
B506	0	_____	1,100 PA 4698-211	_____	1,100 PA 4698-222	_____
B508	1,100 PA 2278-5	_____	1,100 PA 2278-6	_____	0	_____
B509	1,100 PA 2270-44	_____	1,100 PA 2270-45	_____	0	_____
B535	0	_____	1,100 PA 2877-2	_____	1,100 PA 2877-22	_____
B536	1,100 PA 2287-23	_____	1,100 PA 2287-21	_____	0	_____
B537	800 LOP 22-4	_____	800 LOP-23-4	_____	800 LOP-24-34	_____
B542	10,752 LOP 43-45	_____	10,752 LOP 23-44	_____	10,656 LOP 49-88	_____

RECEIPTS TO THE ASP

	<u>DAY 1</u>		<u>DAY 2</u>		<u>DAY 3</u>	
<u>DODIC</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>
B546	15,552 MA 1196-4	_____	15,552 MA 1279-678	_____	7,776 MA 8-567-23	_____
B572	12,600 MA 17-23	_____	6,300 MA-17-24	_____	6300 MA-17-28	_____
C699	6,000 LS 43-622	_____	8,000 LS 44-623	_____	12,000 LS-44-628	_____
C706	2,000 LS 19-21	_____	3,000 LS 19-22	_____	2,000 LS 19-25	_____
C708	1,200 LS 219-4	_____	1,800 LS 20-20	_____	1,200 LS 21-210	_____
D501	3,200 LOP 88C043-001	_____	3,200 LOP 88F099-003	_____	1,600 LOP 92K091-002	_____
D502	1,600 LOP 89D987-002	_____	3,200 LOP 89D977-004	_____	1,600 LOP 88G096-002	_____
D503	3,200 LOP 32-32	_____	3,200 LOP 32-33	_____	3,200 LOP 32-34	_____
D505	800 LS 899-42	_____	400 LS 899-46	_____	400 LS 988-47	_____

RECEIPTS TO THE ASP

DODIC	<u>DAY 1</u>		<u>DAY 2</u>		<u>DAY 3</u>	
	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>
D509	800 LS 708-66	_____	400 LS 709-64	_____	400 LS 706-41	_____
D510	1,200 LS 92C095002	_____	1,200 LS 92C095003	_____	1,500 LS 92C095006	_____
D528	800 LOP 93D092001	_____	400 LOP 93D092002	_____	400 LOP 93D092004	_____
D532	12,000 LS 93D056001	_____	9,600 LS 93D0456003	_____	9,600 LS 93M485001	_____
D533	6,000 LS 92E048003	_____	3,000 LS 92B044 002	_____	6,000 LS 91A038001	_____
D540	4,000 LS 477-34	_____	3,000 LS 477-33	_____	3,000 LS 784-23	_____
D541	6,000 LS 3-23	_____	5,000 LS 4-28	_____	3,000 LS 11-12	_____
D544	16,000 MA 22-344	_____	8,000 MA 22-345	_____	8,000 MA 24-24	_____
D552	6,400 LS 422-22	_____	6,400 LS 458-45	_____	4,000 LS 238-1	_____

RECEIPTS TO THE ASP

DODIC	<u>DAY 1</u>		<u>DAY 2</u>		<u>DAY 3</u>	
	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>
D563	1,600 MA 977-29	_____	1,600 MA 978-36	_____	800 MA 988-77	_____
D579	1,600 MA 566-99	_____	800 MA 566-89	_____	800 MA 566-78	_____
G880	48,000 LS 66-62	_____	48,000 LS 66-37	_____	24,000 LS 66-75	_____
G881	7,200 LS 89B091056	_____	7,200 LS 88D095003	_____	14,400 LS 88D095006	_____
G930	2,592 RA 455-66	_____	2,592 RA 455-66	_____	2,592 RA 455-66	_____
G935	2,592 RA 445-66	_____	2,592 RA 445-86	_____	2,592 RA 445-96	_____
G940	2,592 RA 344-52	_____	2,592 RA 344-56	_____	2,592 RA 344-66	_____
H110	400 LOP 44-1	_____	400 LOP 44-2	_____	400 LOP 44-4	_____
H116	12,000 LOP 89D656002	_____	12,000 LOP 89D665003	_____	12000 LOP 92G095002	_____

RECEIPTS TO THE ASP

DODIC	<u>DAY 1</u>		<u>DAY 2</u>		<u>DAY 3</u>	
	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>
H164	7,000 LOP 23-344	_____	12,000 LOP 38-222	_____	9,000 LOP 11-455	_____
H180	4,500 MA 89B987003	_____	4,500 MA 89C945055	_____	4,500 MA 90C767666	_____
H464	6,000 MA 88-392	_____	4,800 MA 24-999	_____	4,800 MA 88C8780004	_____
N285	17,280 SAA 4156-034-412	_____	11,520 SAA 92H997009	_____	8,640 SAA 91C645007	_____
N340	5,760 SAA 3371-233-001	_____	11,520 SAA 3371-231-222	_____	8,640 SAA 3384-223-001	_____
N464	11,520 SAA 2331-045-011	_____	5,760 SAA 2331-370-221	_____	5,760 SAA 2393-435-010	_____
N523	18,000 SAA 4114-079-001	_____	18,000 SAA 4114-078-004	_____	18,000 SAA 4114-078-002	_____
PA66	325 SAD 93A160-045	_____	475 SAD 93B112-001	_____	350 SAD 93G022-034	_____
PA79	250 SAD 94D098-002	_____	450 SAD 94D098-004	_____	650 SAD 95C012-023	_____

RECEIPTS TO THE ASP

	<u>DAY 1</u>		<u>DAY 2</u>		<u>DAY 3</u>	
<u>DODIC</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>	<u>QTY/ LOT #</u>	<u>GROSS TONS</u>
PL23	250 SAD 2343-016	_____	400 SAD 2343-781	_____	350 SAD 2343-551A	_____

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PRACTICAL EXERCISE SHEET (SOL)

Title Inspect Munitions Field Storage Area

Motivator This practical exercise will reinforce the materials covered in previously taught materials concerning munitions field storage area.

Safety Requirements None

Risk Assessment Level Low

Environmental Considerations None

Evaluation Critique of practical exercise

Instructional Lead-in The purpose of this practical exercise is for you to demonstrate how well you have retained from the non-resident lesson on inspecting munitions field storage areas.

Resource Requirements Required references: FM 9-13, TM 9-1300-206, Site Inspection Report, PE Worksheet
Equipment: Inert Munitions, Bus

**Special
Instructions**

a. Directions to Students

- (1) Team leaders will keep their teams organized and direct the operation.
- (2) Each team will compute the required storage data to enable them to properly store their stockage objective. Considerations should be the following:
 - (a) Compatibility.
 - (b) Proper separation distance.
 - (c) Safety violations.
 - (d) Stability of stacks.
 - (e) ASP layout.
 - (f) Other obvious violations of munitions storage safety standards.
- (3) Upon completion of data collection, students will compile the results of their efforts.
- (4) Students will use terrain boards and model stacks of munitions to position their stockage level in the storage sites.
- (5) Each storage site will be labeled with items stored at each site.
- (6) When all requirements are completed, have students turn all work in to the instructor for review and discussion.

b. Directions to the Instructor

Students will be transported to Building 3460 to utilize terrain boards in rooms 7 and 13.

- (1) You are responsible for the organized and proper conduct of this exercise.
- (2) Procedures to be followed.
 - (a) Ensure students have all publications required.
 - (b) Load students on bus and account for students.

- (c) Divide students into two groups.
- (d) Assign each group of students to a terrain board.

Note: When computing distances, the following apply:

SCALE:

1/2 inch	=	50 feet
2 inches	=	200 feet
4 inches	=	400 feet
12 inches	=	1,200 feet

- (e) Upon completion of the exercise, instructor will critique each terrain board.
- (f) After completion of the operation, load students on the bus and return to Bldg 3302.
- (g) Upon arrival at Bldg 3302, move students into the classroom and give a critique of the entire exercise.

Arrangement of students, requirements, and materials.

- (1) Upon arrival at the Bldg 3460, divide students into 2 groups. (Ensure enough instructors are available to provide one instructor per group).
- (2) Appoint a team leader for each group.
- (3) Ensure that transportation is arranged to transport students to and from the ASP.

General plan of conduct of practical work.

- (1) Each team will compute the required storage data to enable them to properly store their stockage objective. Considerations should be the following:
 - (a) Compatibility.
 - (b) Proper separation distance.
 - (c) Safety violations.

- (d) Stability of stacks.
 - (e) ASP layout.
 - (f) Other obvious violations of munitions storage safety standards.
- (2) Upon completion of data collection, students will compile the results of their efforts.
 - (3) Students will use terrain boards and model stacks of munitions to position their stockage level in the storage sites.
 - (4) Each storage site will be labeled with items stored at each site.
 - (5) When all requirements are completed, have students turn all work in to the instructor for review and discussion.

Tasks to be performed.

- (1) Students will compile storage data.
- (2) Students will record the results of their research.

Note: PE solution is based on the instructor critique of each terrain board.