

CHANGE SHEET #3

1. Synopsis. This change sheet corrects minor administrative errors in the W226, Land Navigation Training Support Package.
2. Pen and ink changes: none.
3. Page change(s): Remove old pages and insert revised page(s) as indicated.

Remove Pages

1 thru 9

Insert Pages

1 thru 9

4. Additional changes that need explaining: none.
5. File this sheet in front of the TSP for reference purposes.
6. Approval of change sheet.

Name/Signature	Rank	Position	Date
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TRAINING SUPPORT PACKAGE (TSP)

TSP Number / Title	W226 / LAND NAVIGATION
Effective Date	01 Oct 2003
Supersedes TSP(s) / Lesson(s)	M208, Land Navigation, Dec 99. M208-RC, Land Navigation, Jun 01.
TSP Users	600-PLDC, Primary Leadership Development Course 600-PLDC (MOD), Primary Leadership Development Course (Modified)
Proponent	The proponent for this document is the Sergeants Major Academy.
Improvement Comments	Users are invited to send comments and suggested improvements on DA Form 2028, <i>Recommended Changes to Publications and Blank Forms</i> . Completed forms, or equivalent response, will be mailed or attached to electronic e-mail and transmitted to: <div style="text-align: center;"> <p>COMDT USASMA ATTN ATSS DCP BLDG 11291 BIGGS FIELD FT BLISS TX 79918-8002</p> <p>Telephone (Comm) (915) 568-8875 Telephone (DSN) 978-8875</p> <p>E-mail: atss-dcd@bliss.army.mil</p> </div>
Security Clearance / Access	Unclassified
Foreign Disclosure Restrictions	FD5. This product/publication has been reviewed by the product developers in coordination with the USASMA foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

PREFACE

Purpose

This Training Support Package provides the instructor with a standardized lesson plan for presenting instruction for:

Task Number**Task Title****Individual**

071-326-0515

Select a Movement Route Using a Map

071-329-1006

Navigate From One Point On the Ground to Another Point While Dismounted

**This TSP
Contains**

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**Land Navigation
W226 / Version 1
01 Oct 2003**

SECTION I. ADMINISTRATIVE DATA

All Courses Including This Lesson	<u>Course Number</u>	<u>Version</u>	<u>Course Title</u>
	600-PLDC	1	Primary Leadership Development Course
	600-PLDC MOD	1	Primary Leadership Development Course (Modified)
Task(s) Taught(*) or Supported	<u>Task Number</u>	<u>Task Title</u>	
		<u>INDIVIDUAL</u>	
	071-326-0515 (*)	Select a Movement Route Using a Map	
	071-329-1006 (*)	Navigate From One Point On the Ground to Another Point While Dismounted.	
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:		
		<u>Resident Hours/Methods</u>	
		1 hr 30 mins / Conference / Discussion	
		10 hrs 20 mins / Practical Exercise (Performance)	
	Test	4 hrs	
	Test Review	0 hrs	
	Total Hours:	16 hrs	
Test Lesson Number		<u>Hours</u>	<u>Lesson No.</u>
	Testing (to include test review)	_____	N/A
Prerequisite Lesson(s)	<u>Lesson Number</u>	<u>Lesson Title</u>	
	W221	Map Reading	
	W223	Conduct Movement	
Clearance Access	Security Level: Unclassified Requirements: There are no clearance or access requirements for the lesson.		
Foreign Disclosure Restrictions	FD5. This product/publication has been reviewed by the product developers in coordination with the USASMA foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.		

References

<u>Number</u>	<u>Title</u>	<u>Date</u>	<u>Additional Information</u>
FM 3-25.26	MAP READING AND LAND NAVIGATION	20 Jul 2001	
STP 21-1-SMCT	SOLDIER'S MANUAL OF COMMON TASKS SKILL LEVEL 1	31 Aug 2003	
STP 21-24-SMCT	SOLDIER'S MANUAL OF COMMON TASKS (SMCT) SKILL LEVEL 2,3, and 4	31 Aug 2003	

Student Study Assignments

Before class--

- Read Student Handout 1 for reading and study assignments.

During class--

- Participate in classroom discussion and practical exercises.

After class--

- Turn in recoverable references after the examination for this lesson.

Instructor Requirements

1:8, SSG, PLDC graduate, ITC, and SGITC qualified

Additional Support Personnel Requirements

<u>Name</u>	<u>Stu Ratio</u>	<u>Qty</u>	<u>Man Hours</u>
None			

Equipment Required for Instruction

<u>ID Name</u>	<u>Stu Ratio</u>	<u>Instr Ratio</u>	<u>Spt</u>	<u>Qty</u>	<u>Exp</u>
1240-930-3833 BINOCULARS	1:16	1:2	No	1	No
5820-01-151-9915 RADIO SET	1:16	1:2	No	1	No
6230-00-264-8261 FLASHLIGHT	1:16	1:2	No	1:1	Yes
6730-00-577-4813 SCREEN, PROJECTION	1:16	1:2	No	1	No
6730-00-P53-8147 Projector, Overhead	1:16	1:2	No	1	No
7110-00-132-6651 CHALKBOARD	1:16	1:2	No	1	Yes
7510-00-161-6215 RULER, NONMETALLIC	1:16	1:2	No	1:1	Yes
7510-01-233-7686 PAGE (DOCUMENT) PROTECTOR	1:16	1:2	No	1	No
7520-01-424-4867 EASEL, DISPLAY AND TRAINING	1:16	1:2	No	1	Yes

7530-00-619-8880 PAD, WRITING PAPER	1:16	1:2	No	1	Yes
8415-01-110-9981 BAND, HELMET, CAMOUFLAGE	1:16	1:2	No	1:1	Yes
8415-01-303-8945 COVER, HELMET, CAMOUFLAGE PATTERN	1:16	1:2	No	1:1	No
8465-00-001-6471 SUSPENDERS, INDIVIDUAL EQUIPMENT	1:16	1:2	No	1:1	No
8465-00-001-6482 CASE, SMALL ARMS AMMUNITION	1:16	1:2	No	2:1	No
8465-00-165-6838 CUP, WATER CANTEEN	1:16	1:2	No	2:1	No
8465-00-860-0256 COVER, WATER CANTEEN	1:16	1:2	No	2:1	No
8465-00-935-6814 CASE, FIELD FIRST AID DRESSING-UN	1:16	1:2	No	1:1	No
8465-01-115-0026 CANTEEN, WATER	1:16	1:2	No	2:1	No
8465-01-120-0675 BELT INDIVIDUAL EQUIPMENT: WEBBING	1:16	1:2	No	1:1	No
8470-01-092-7435 CHIN STRAP	1:16	1:2	No	1:1	No
8470-01-092-7528 HELMET, GROUND TROOPS'-PARACHUTIS	1:16	1:2	No	1:1	No
8470-01-442-1429 HEADBAND, GROUND TROOPS'-PARACHUT	1:16	1:2	No	1:1	Yes
E63317 COMPASS LENSATIC	1:16	1:2	No	1:1	No

* Before Id indicates a TADSS

Materials Required

Instructor Materials:

- TSP.
- Lensatic compass.

Student Materials:

- SH-1, Advance Sheet in Appendix D.
- FM 3-25.26 Map Reading and Land Navigation or SH-2 in Appendix D.
- 1:50,000 map sheet of the local training area.
- Pencil and writing paper.

NOTE: Issued to students during inprocessing.

Classroom, Training Area, and Range Requirements

CLASSROOM (40X40 PER 16 STUDENTS)
FIELD TRAINING SITE 1 KM X 1 KM

Ammunition Requirements

<u>Id</u>	<u>Name</u>	<u>Exp</u>	<u>Stu Ratio</u>	<u>Instr Ratio</u>	<u>Spt Qty</u>
None					

Instructional Guidance

NOTE: Before presenting this lesson, instructors must thoroughly prepare by studying this lesson and identified reference material.

Before class--

- Read and study all TSP material and be ready to conduct the class.
- This TSP has questions throughout to check learning or generate discussion among the group members. You may add any questions you deem necessary to bring a point across to the group or expand on any matter discussed.
- You must know the information in this TSP well enough to teach from it, not read from it.
- This TSP presents references at the beginning of some of the paragraphs. This allows you to inform your students of where they should look in the reference to follow your instruction.

During class--

- Conduct the class in accordance with this TSP.

After class--

- Collect all recoverable materials after the examination for this lesson.

Proponent Lesson Plan Approvals

<u>Name</u>	<u>Rank</u>	<u>Position</u>	<u>Date</u>
/s/ Joralmon, Grace /T/ Joralmon, Grace	Civilian	Training Developer	01 Oct 2003
/s/ Barnes, Ronnie G. /T/ Barnes, Ronnie G.	MSG	Course Chief	01 Oct 2003
/s/ Barnes, Ronnie G. /T/ Lawson, Brian H.	SGM	Chief, NCOES	01 Oct 2003
/s/ Mays, Albert J. /T/ Mays, Albert J.	SGM	Chief, CDDD	01 Oct 2003

SECTION II. INTRODUCTION

Method of Instruction: Conference / Discussion
 Technique of Delivery: Small Group Instruction (SGI)
 Instructor to Student Ratio is: 1:8
 Time of Instruction: 5 mins
 Media: None.

Motivator

Land navigation is the ability to get from one location to another. It is an extremely important warrior task that warrior leaders must master and remain proficient. In order to deploy, engage, and destroy the enemy, you must be able to navigate and maneuver your squad rapidly. This lesson--coupled with the map reading lesson you've just completed--provides you with the basic skills you need to conduct this critical warrior task and to train your soldiers.

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:	Implement the techniques of map reading and land navigation during daylight hours and the hours of darkness.
Conditions:	In a classroom environment and a field environment of an unfamiliar terrain during hours of daylight and hours of darkness, given a lensatic compass, map of local area, GTA 5-2-12 (coordinate scale and protractor), pencil, paper, pistol belt, two canteens of water, flashlight with red lens, eight-digit coordinates, and equipment required by the NCOA SOP.
Standards:	Implemented the techniques of map reading and land navigation IAW FM 3-25.26 and STP 21-2 SMCT by-- <ul style="list-style-type: none"> • leading soldiers during hours of daylight and hours of darkness in unfamiliar terrain, during an STX, using a map, applying map reading and navigational skills, and finding known and unknown locations. • finding three of four points on the land navigation performance examination.

Safety Requirements

None

Risk Assessment Level	Low. Determined by the instructor.
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Environmental Considerations	<p>NOTE: It is the responsibility of all soldiers and DA civilians to protect the environment from damage.</p> <p>According to local environmental SOP.</p>
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Evaluation	<ul style="list-style-type: none"> • At the end of the land navigation block of instruction, you will participate in a performance test to evaluate your ability to navigate from one point to another using a map and a compass. You will have three hours to complete the test. You must locate a minimum of three of the four points to achieve a GO. • Your SGL will also evaluate your land navigation skills as part of your field leadership evaluation. • Should you fail to meet the standard, you will receive a retest. Should you fail the retest, your NCOA may eliminate you from PLDC. <p>NOTES:</p> <ul style="list-style-type: none"> • Inform the students where their test will take place as posted on the training schedule and when they will receive feedback on the test. Include any retest information. • Inform the students that they must turn in all recoverable reference material after the test. <p>SPECIAL NOTE FOR COMMANDANTS: At your discretion, you may use the practice land navigation test (PE-2) as a means to allow students to test out providing they meet the following standards:</p> <ul style="list-style-type: none"> • The practice course meets the same standards as the test course. • Students meet graduation standards of finding three of the four points.
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Instructional Lead-In	<p>You have already mastered the techniques of map reading in a classroom and hands on environment during W221, Map Reading. Now you will learn ground navigation techniques. You will combine your newly learned map reading skills with ground navigation skills in a field environment. This training will enforce your training in developing those warrior skills so critical in surviving on the battle field and developing confidence in the team.</p>
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