

Unlock the secrets of map reading and land navigation with Army FM 25-26 and FM 21-26 military manuals!

Map reading and land navigation are essential skills for any soldier in the military. Knowing how to interpret maps and navigate through unfamiliar terrain can mean the difference between success and failure on a mission. In the Army, two valuable resources for learning these skills are FM 25-26 and FM 21-26 military manuals. This article will guide you through the fundamentals of map reading and land navigation as described in these comprehensive manuals, providing you with the knowledge to excel in this crucial aspect of military training.

The Basics of Map Reading

Map reading forms the foundation of land navigation. A map is a graphical representation of the Earth's surface, highlighting various features and details of a specific area. Army FM 25-26 and FM 21-26 military manuals provide a step-by-step guide on how to read and interpret these maps.

The first step in map reading is to understand the basic components of a map, such as the legend, contour lines, symbols, and grid references. The legend provides the key to understanding the map's symbols and their meanings. Contour lines indicate the elevation of the land, allowing you to visualize the terrain's characteristics. Symbols represent different physical and cultural features, such as roads, rivers, and buildings. Grid references, on the other hand, enable accurate identification and location of specific points on the map.

COMMENTS
NUMBER OF THE ARMY

FM 3-25.26/FM 21-26

Title
**READING AND LAND NAVIGATION
Army, FM 3-25.26, FM 21-26, Military
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With this knowledge, FM 25-26 and FM 21-26 military manuals teach you how to perform tasks like measuring distances, determining azimuths, and calculating elevations. These skills are crucial for successful land navigation.

Land Navigation Techniques

Once you have mastered map reading, the next step is to apply this knowledge to navigate effectively on the ground. The Army FM 25-26 and FM 21-26 manuals cover a range of land navigation techniques that will improve your ability to traverse unfamiliar territories.

Dead Reckoning

Dead reckoning is a technique where you navigate by maintaining a continuous estimate of your position based on your previous known position, speed, distance traveled, and direction. FM 25-26 and FM 21-26 military manuals provide detailed instructions on how to use a compass, pace count, and terrain association to maintain accurate dead reckoning navigation.

Terrain Association

Terrain association is another essential skill taught in the Army manuals. It involves understanding the relationship between the terrain features shown on the map and the actual terrain on the ground. By comparing landmarks, slopes, vegetation, and other elements, you can navigate confidently through the landscape.

Intersection and Resection

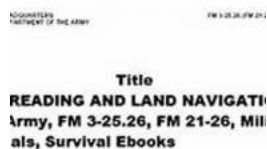
Intersection and resection techniques are used to determine your position by taking bearings or grid references of identifiable landmarks or features. This allows you to pinpoint your location accurately. FM 21-26 and FM 25-26 military manuals provide detailed instructions on how to perform these techniques using a compass and map.

Practical Application

Map reading and land navigation skills are honed through practice. Take the time to familiarize yourself with the techniques described in Army manuals FM 25-26 and FM 21-26. Find opportunities to test your skills in various environments, such as forests, deserts, and urban landscapes. Practice identifying terrain features, plotting routes, and calculating distances and azimuths. The more you practice, the more proficient you will become.

Map reading and land navigation are indispensable skills for any soldier, ensuring their ability to navigate safely and accurately. Army FM 25-26 and FM 21-26 military manuals offer comprehensive guidance on these subjects, equipping soldiers with the knowledge and skills to navigate effectively in any situation. By understanding the basics of map reading and mastering land navigation techniques like dead reckoning, terrain association, and intersection and resection, you can excel in this critical aspect of military training. So, unlock the

secrets of map reading and land navigation with Army FM 25-26 and FM 21-26 military manuals, guaranteeing your success in the field!



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The purpose of this field manual is to provide a standardized source document for Armywide reference on map reading and land navigation. This manual applies to every soldier in the Army regardless of service branch, MOS, or rank. This manual also contains both doctrine and training guidance on these subjects. Part One addresses map reading and Part Two, land navigation. The appendixes include a list of exportable training materials, a matrix of land navigation tasks, an to orienteering, and a discussion of several devices that can assist the soldier in land navigation.

CHAPTER 1. TRAINING STRATEGY

- 1-1. Building-Block Approach
- 1-2. Armywide Implementation
- 1-3. Safety

CHAPTER 2. MAPS

- 2-1. Definition
- 2-2. Purpose
- 2-3. Procurement
- 2-4. Security
- 2-5. Care
- 2-6. Categories
- 2-7. Military Map Substitutes
- 2-8. Standards of Accuracy

CHAPTER 3. MARGINAL INFORMATION AND SYMBOLS

- 3-1. Marginal Information on a Military Map
- 3-2. Additional Notes
- 3-3. Topographic Map Symbols
- 3-4. Military Symbols
- 3-5. Colors Used on a Military Map

CHAPTER 4. GRIDS

- 4-1. Reference System
- 4-2. Geographic Coordinates
- 4-3. Military Grids
- 4-4. United States Army Military Grid Reference System
- 4-5. Locate a Point Using Grid Coordinates
- 4-6. Locate a Point Using the US Army Military Grid Reference System
- 4-7. Grid Reference Box
- 4-8. Other Grid Systems
- 4-9. Protection of Map Coordinates and Locations

CHAPTER 5. SCALE AND DISTANCE

5-1. Representative Fraction

5-2. Graphic (Bar) Scales

5-3. Other Methods

CHAPTER 6. DIRECTION

6-1. Methods of Expressing Direction

6-2. Base Lines

6-3. Azimuths

6-4. Grid Azimuths

6-5. Protractor

6-6. Declination Diagram

6-7. Intersection

6-8. Resection

6-9. Modified Resection

6-10. Polar Coordinates

CHAPTER 7. OVERLAYS

7-1. Purpose

7-2. Map Overlay

7-3. Aerial Photograph Overlay

CHAPTER 8. AERIAL PHOTOGRAPHS

8-1. Comparison With Maps

8-2. Types

8-3. Types of Film

8-4. Numbering and Titling Information

8-5. Scale Determination

8-6. Indexing

- 8-7. Orienting of Photograph
- 8-8. Point Designation Grid
- 8-9. Identification of Photograph Features
- 8-10. Stereovision

CHAPTER 9. NAVIGATION EQUIPMENT AND METHODS

- 9-1. Types of Compasses
- 9-2. Lensatic Compass
- 9-3. Compass Handling
- 9-4. Using a Compass
- 9-5. Field-Expedient Methods
- 9-6. Global Positioning System

CHAPTER 10. ELEVATION AND RELIEF

- 10-1. Definitions
- 10-2. Methods of Depicting Relief
- 10-3. Contour Intervals
- 10-4. Types of Slopes
- 10-5. Percentage of Slope
- 10-6. Terrain Features
- 10-7. Interpretation of Terrain Features
- 10-8. Profiles

CHAPTER 11. TERRAIN ASSOCIATION

- 11-1. Orienting the Map
- 11-2. Locations
- 11-3. Terrain Association Usage
- 11-4. Tactical Considerations
- 11-5. Movement and Route Selection

11-6. Navigation Methods

11-7. Night Navigation

CHAPTER 12. MOUNTED LAND NAVIGATION

12-1. Principles

12-2. Navigator's Duties

12-3. Movement

12-4. Terrain Association Navigation

12-5. Dead Reckoning Navigation

12-6. Stabilized Turret Alignment Navigation

12-7. Combination Navigation

CHAPTER 13. NAVIGATION IN DIFFERENT TYPES OF TERRAIN

13-1. Desert Terrain

13-2. Mountain Terrain

13-3. Jungle Terrain

13-4. Arctic Terrain

13-5. Urban Areas

CHAPTER 14. UNIT SUSTAINMENT

14-1. Set Up a Sustainment Program

14-2. Set Up a Train-the-Trainer Program

14-3. Set Up a Land Navigation Course

APPENDIX A. FIELD SKETCHING

APPENDIX B. MAP FOLDING TECHNIQUES

APPENDIX C. UNITS OF MEASURE AND CONVERSION FACTORS

APPENDIX D. JOINT OPERATIONS GRAPHICS

APPENDIX E. EXPORTABLE TRAINING MATERIAL

APPENDIX F. ORIENTEERING

APPENDIX G. M2 COMPASS

APPENDIX H. ADDITIONAL AIDS

APPENDIX I. FOREIGN MAPS

APPENDIX J. GLOBAL POSITIONING SYSTEM

APPENDIX K. PRECISION LIGHTWEIGHT GLOBAL POSITIONING
SYSTEM RECEIVER

GLOSSARY

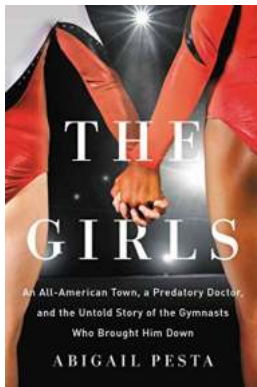
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INDEX



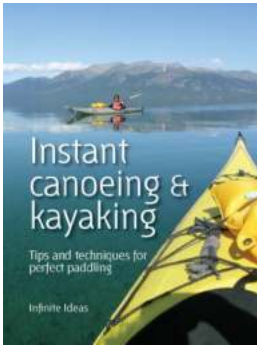
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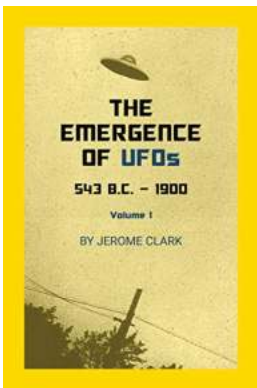
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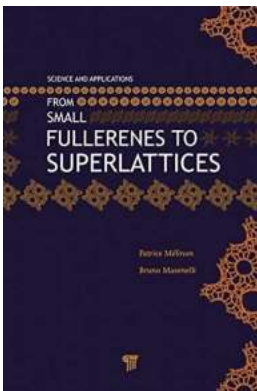
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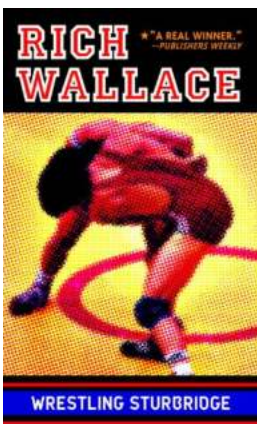
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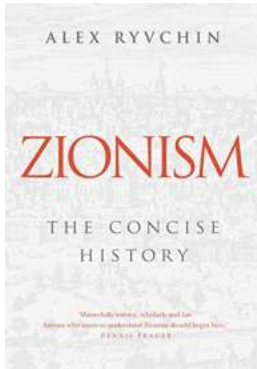
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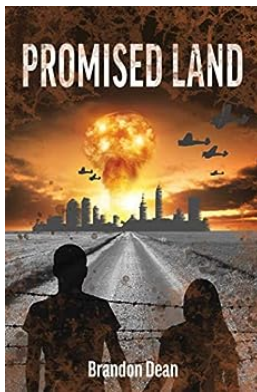
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