

MIL-T-52485B(ME)
4 August 1981
SUPERSEDING
MIL-T-52485A(ME)
19 November 1975

MILITARY SPECIFICATION

TRAINING AID, MODEL, TERRAIN, CONTOUR HILL,
ELONGATED MAP READING

This specification is approved for use by the Mobility Equipment Research and Development Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.2 Scope. This specification covers a model contour hill used for training purposes.

2. APPLICABLE DOCUMENTS

2.1 Issues of documents. The following documents of the issue in effect on date of invitation for bids or request for proposal form a part of this specification to the extent specified herein.

SPECIFICATIONS

FEDERAL

QQ-S-781	- Strapping, Steel, and Seals.
PPP-B-601	- Boxes, Wood, Cleated-Plywood.
PPP-B-621	- Boxes, Wood, Nailed and Lock-Corner.
PPP-B-636	- Boxes, Shipping, Fiberboard.
PPP-B-640	- Boxes, Fiberboard, Corrugated, Triple-Wall.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: US Army Mobility Equipment Research and Development Command, ATTN: DRDME-DS, Fort Belvoir, VA 22060 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

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MILITARY

MIL-P-116

- Preservation, Methods of.

STANDARDS

MILITARY

MIL-STD-105

- Sampling Procedures and Tables for Inspection by Attributes.

MIL-STD-129

- Marking for Shipment and Storage.

MIL-STD-1188

- Commercial Packaging of Supplies and Equipment.

DRAWINGS

ME

TA13211E7456

- Training Aid, Model, Terrain, Contour Hill, Elongated.

(Copies of specifications, standards, and drawings required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

3. REQUIREMENTS

3.1 Description. The model contour hill shall be in accordance with TA13211E7456 and as specified herein.

3.1.1 Drawings. The drawings forming a part of this specification are end product drawings. No deviation from the prescribed dimensions or tolerances is permissible without prior approval of the contracting officer. Where tolerances could cumulatively result in incorrect fits, the contractor shall provide tolerances within those prescribed on the drawings to insure correct fit, assembly, and operation of the model contour hill. Any data (e.g., shop drawings, layouts, flow sheets, processing procedures, etc.) prepared by the contractor or obtained from a vendor to support fabrication and manufacture of the production item shall be made available, upon request, for inspection by the contracting officer or his designated representative.

3.2. Material. Material shall be as specified herein and on the applicable drawings. Materials not specified shall be selected by the contractor and shall be subject to all provisions of this specification (see 6.3).

3.3 Treatment and painting. Treatment and painting shall be as specified on the drawings. Paint used for the contour lines shall be compatible with the material specified for the model contour hill.

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3.4 Workmanship. Metal components shall be free of sharp edges and burrs.

4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract, the contractor is responsible for the performance of all inspection requirements specified herein. Except as otherwise specified in the contract, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

4.1.1 Material inspection. The contractor is responsible for insuring that materials used are manufactured, examined, and tested in accordance with referenced specifications, standards, and drawings, as applicable.

4.2 Classification of inspections. Inspection requirements specified herein are classified as follows:

- (a) Quality conformance inspection (see 4.3).
- (b) Inspection of packaging (see 4.5).

4.3 Quality conformance inspection.

4.3.1 Sampling. Sampling for examination shall be in accordance with MIL-STD-105.

4.3.2 Examination. Samples selected in accordance with 4.3.1 shall be examined as specified in 4.4.1. AQL shall be 2.5 percent defective.

4.4 Inspection procedure.

4.4.1 Examination. The model contour shall be examined as specified herein for the following defects:

- 101. Materials not as specified.
- 102. Dimensions not as specified.
- 103. Components missing or not properly assembled.
- 104. Treatment and painting not as specified.
- 105. Workmanship not as specified.

4.5 Inspection of packaging.

4.5.1 Quality conformance inspection of pack.

4.5.1.1 Unit of product. For the purpose of inspection, a completed pack prepared for shipment shall be considered a unit of product.

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4.5.1.2 Sampling: Sampling for examination shall be in accordance with MIL-STD-105.

4.5.1.3 Examination: Samples selected in accordance with 4.5.1.2 shall be examined for the following defects: AQL shall be 2.5 percent defective:

- 106: Materials, methods, or containers not as specified for Level A or B. Each incorrect material, method, or container shall constitute one defect.
- 107: Models bent.
- 108: Consolidation not as specified for Level A.
- 109: Gross weight exceeds the limitation of the box specification for Level A or B.
- 110: Strapping not as specified for Level A.
- 111. Marking missing, illegible, incorrect, or incomplete.

5. PACKAGING

5.1 Preservation: Preservation shall be Level A or Commercial, as specified (see 6.2):

5.1.1 Level A: Each model, in collapsed position, shall be preserved in accordance with MIL-P-116, Method IC-1 or IC-3. Bending shall not be permitted.

5.1.1.1 Consolidation: The preserved models shall be consolidated in a close-fitting box conforming to PPP-B-636, W6c or W5c, style optional, in quantities not to exceed the weight limitation of the box specification.

5.1.2 Commercial: Commercial preservation shall be in accordance with MIL-STD-1188:

5.2 Packing. Packing shall be Level A, Level B, or Commercial, as specified (see 6.2):

5.2.1 Level A. Models preserved as specified in 5.1 shall be packed in a close-fitting box conforming to PPP-B-601, Overseas Type, Grade B, style optional, or conforming to PPP-B-621, Class 2, style optional, in quantities not to exceed the weight limitation of the box specification. Box closure and strapping shall be in accordance with the appendix to the box specification except that strapping shall conform to QQ-S-781, Class 1, Type I or IV, size as applicable, and, unless otherwise specified herein, shall be Finish B. When specified (see 6.2), strapping shall be Finish A.

5.2.2 Level B. Models preserved as specified in 5.1 shall be packed in close-fitting boxes conforming to PPP-B-636, V3c, style optional, or PPP-B-640, Class 2, Grade A, style optional. The gross weight shall not exceed the limitations of the box specification. The dimensional limitation of the box shall be waived.

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5.2.3 Commercial. Commercial packing shall be in accordance with MIL-STD-1188.

5.3 Marking. For military levels of protection, marking shall be in accordance with MIL-STD-129. Commercial marking shall be in accordance with MIL-STD-1188.

6. NOTES

6.1 Intended use. The model contour hill is a component of a map reading set and is used as an aid in showing elevation and relief on maps.

6.2 Ordering data. Procurement documents should specify the following:

- (a) Title, number, and date of this specification.
- (b) Degree of preservation and degree of packing required (see 5.1 and 5.2).
- (c) When strapping shall be Finish A (see 5.2.1).

6.3 Recycled material. It is encouraged that recycled material be used, when practical, as long as it meets the requirements of this specification (see 3.2).

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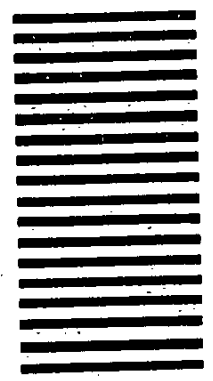


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