

**NOT MEASUREMENT  
SENSITIVE**

**MIL-PRF-63045B(TM)  
17 July 1997**

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**SUPERSEDING  
MIL-M-63045A(TM)  
15 November 1989**

**PERFORMANCE SPECIFICATION**

**MANUALS, TECHNICAL:**

**PREPARATION OF DEPOT MANUALS FOR DEPOT TEST,  
MEASUREMENT AND DIAGNOSTIC EQUIPMENT**

This specification is approved for use by the Department of the Army and is available for use by all departments and agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This specification contains the requirements for the preparation of depot manuals (DM) covering operation, maintenance, and calibration procedures for depot test, measurement and diagnostic equipment (TMDE). These requirements are applicable to manuals for equipment which is used for diagnostic and acceptance testing of field equipment items returned to the depot for reconditioning.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Executive Director, USAMC Logistics Support Activity, Acquisition Logistics Center, ATTN: AMXLS-AP, Redstone Arsenal, AL 35898-7466, by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

**AMSC A7280**

**AREA TMSS**

**DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.**

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2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in section 3 of this specification. This section does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements documents cited in section 3 of this specification, whether or not they are listed.

2.2 Government documents

2.2.1 Specifications and standards. The following specifications and standards form a part of this specification to the extent specified herein. The issues of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto, cited in the solicitation (see 6.2).

## SPECIFICATIONS

## DEPARTMENT OF DEFENSE

MIL-T-31000	—	Technical Data Packages, General Specifications for
MIL-M-38793	—	Manuals, Technical: Calibration Procedures, Preparation of

## STANDARDS

## DEPARTMENT OF DEFENSE

MIL-STD-100	—	Engineering Drawing Practices.
MIL-STD-38784	—	Manuals, Technical: General Style and Format Requirements.
MIL-STD-40051	—	Technical Manual Preparation.

(Unless otherwise indicated, copies of the above specifications and standards are available from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

2.2.2 Other government documents, drawings, and publications. The following other Government documents, drawings, and publications form a part of this document to the extent specified herein. The issues are those cited in the solicitation (see 6.2).

TM 39-1-1	—	Joint Nuclear Weapons Publication Systems Operating Procedures, Specifications and Standards
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(Copies of TM 39-1-1 are available from the U.S. Army Publications Distribution Center, ATTN: ASQZ-SDC, 1655 Woodson Road, St. Louis, MO 63112-6181.)

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2.3 Order of precedence. In the event of a conflict between the text of this document and the references cited herein the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

### 3. REQUIREMENTS

3.1 General. Technical manuals shall consist of pertinent support data (including engineering or Commercial-off-the-shelf (COTS) manual data (see 6.4.1)) incorporated directly or by reference. When engineering drawings are approved for use in DMs by the contracting activity (see 6.2), engineering drawings shall conform to MIL-STD-100/MIL-T-31000.

#### 3.2 User requirements.

3.2.1 Classification markings. Security classification markings shall be in accordance with MIL-STD-38784.

3.2.2 Nuclear weapons. Depot manuals which deal with support equipment for nuclear weapons shall be prepared in accordance with TM 39-1-1.

3.3 Interface requirements. Each manual shall consist of the following elements and address interfaces identified herein.

3.3.1 Style and format requirements. General style and format requirements for DM preparation shall be in accordance with MIL-STD-38784 and as specified herein. Unless otherwise specified by the contracting activity (see 6.2), illustrations shall be line drawings in accordance with MIL-STD-38784. The reading grade level shall be as specified by the contracting activity (see 6.2).

3.3.1.1 Page and paragraph numbering. Pages and paragraphs shall be numbered in accordance with MIL-STD-38784, except paragraphs shall not be numbered by decimals.

3.3.2 Figures. Figures referenced in this section shall be used for content structure and format. Portions of figures, such as dates, publication numbers, illustrations, etc., are examples and require insertions or changes to make data pertinent to specific DM requirements.

3.3.3 Warnings, cautions, and notes. Warnings, cautions, and notes shall be used in accordance with MIL-STD-38784. A warning shall precede the text for a procedure where injury or death may occur to the person doing the procedure. Cautions shall precede the text for a procedure where damage to the equipment could occur. Notes shall precede the text and are used to highlight an essential operating or maintenance procedure, condition, or statement. When warnings, cautions, or notes occur for the same text, the warnings shall appear first, cautions second, and notes last.

3.3.4 Content and order of presentation. Unless otherwise specified by the contracting activity (see 6.2), material shall be presented in the following order:

Front matter	
Chapter 1 -	Introduction
Chapter 2 -	Functional Analysis

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Chapter 3 -	Operating Procedures
Chapter 4 -	Maintenance Requirements
Chapter 5 -	Calibration
Appendixes	
Rear Matter	

3.3.5 Front matter.

3.3.5.1 Front cover and title block page. The front cover and title block page shall be prepared in accordance with figures 1 and 2. When specified by the contracting activity (see 6.2), an illustration of the equipment shall be included on the cover.

3.3.5.1.1 Distribution statement, destruction and export warning notices. DMs shall have a distribution statement and, if applicable, destruction and export warning notices on the front cover and title block page as specified by the contracting activity and in accordance with MIL-STD-38784 (see 6.2).

3.3.5.1.2 Supersession notice. When the depot manual supersedes other manuals or portions of manuals, a supersession notice, as furnished by the contracting activity (see 6.2), shall be placed as follows:

a. The statement "SUPERSEDES COPY DATED (*insert date*)" shall be placed on the DM cover immediately below the DM number. (See figure 1.)

b. The complete supersession notice, in accordance with MIL-STD-38784, shall be placed on the title block page. (See figure 2.)

3.3.5.1.3 Reporting errors and recommending improvements. A "reporting errors and recommending improvements" statement (boxed-in) shall appear below the title data on the title block page as shown on figure 2.

a. Unclassified DMs. For Unclassified DMs, the following statement shall be used:

**"REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), located in the back of this manual directly to: (*insert name / address of proponent*). You may also send in your recommended changes via electronic mail or by fax. Our fax number is (*insert DSN and commercial number of proponent*). Our e-mail address is (*insert e-mail address of proponent*). A reply will be furnished to you."

b. Classified DMs. For classified DMs, the following statement shall be used:

**"REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, write or tell us about it. Address your correspondence to (*insert name and address of proponent*). When dealing with classified information, make sure that your correspondence is properly marked and is handled in accordance with current security regulations."

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3.3.5.2 Warning page and table of contents. The warning page and the table of contents shall be prepared in accordance with MIL-STD-38784.

3.3.6 Chapter 1 - Introduction.

3.3.6.1 Section I - Scope. This section shall contain, as a minimum, the following statement:

"These instructions are for use by depot/contractor personnel. They apply to the (*insert name of equipment*) and in case of conflict, take precedence over all other documents pertinent to its maintenance and repair."

3.3.6.2 Section II - Description and data. This section shall contain the following paragraphs.

3.3.6.2.1 Description. This paragraph shall provide a general description indicating the purpose, use, capabilities, and features of the test equipment.

3.3.6.2.2 Performance data. This paragraph shall provide performance data for the equipment. It shall include, as applicable, lists of:

- a. Functional characteristics, such as power requirements, sensitivity, and selectivity.
- b. Rated output, such as wattage, voltage, horsepower and gallons per minute.
- c. Environmental characteristics, such as ambient temperature, humidity limits, ventilation and air conditioning requirements.

3.3.6.2.3 Configuration data. All models and modifications authorized for the TMDE shall be listed. Differences between configurations, models, serial or part number groups, and individual items of equipment, including affected model, part, or serial numbers, shall be described. For equipment with modifications or minor model differences, the major parts affected shall be briefly described and the number groups, or registration numbers, and model numbers shall be included.

3.3.6.2.4 Equipment, accessories, and publications required. As applicable, all associated equipment and publications shall be listed to include:

- a. Equipment and accessories (special tools, miscellaneous parts) which form a part of, or are supplied with, the test equipment.
- b. All equipment and publications required, but not supplied.
- c. Consumable/expendable items and the procedures in which these items are used.

3.3.7 Chapter 2 - Functional analysis. The structure and organization of this chapter shall parallel the section on troubleshooting (3.3.9.4). The functional analysis shall present an overall operational sequence of the equipment and show the functional relationship between major components or units. Functional diagrams shall be used as the primary means of communication for this chapter; the text shall be used only to support the diagrams as necessary for clarity. Functional diagrams shall depict the development of each equipment

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function from input to output, and shall show interconnection of the units. Signal levels, direction of flow, wave forms, etc, shall be included as applicable.

### 3.3.8 Chapter 3 - Operating procedures.

3.3.8.1 Section I - Setup instructions. Site selection, unpacking, assembly, installation instructions, and special tools and requirements for installation inspection and pre-energizing procedures shall be provided in this section. Instructions shall also be given for establishing normal, neutral, zero, center, on-off, or any required positions of each switch, control, or similar item before connecting to power when the equipment is in shutdown status.

3.3.8.2 Section II - Controls and indicators. This section shall contain information which is needed by the operator to properly identify, determine the function and use of, connect, operate, and protect the equipment being used. Controls and indicators shall be supported by illustrations which identify and locate all operator controls and indicators.

3.3.8.3 Section III - Turn-on and turn-off procedures. This section shall contain instructions to place the equipment in operation, to operate the equipment in each mode of operation, to remove the equipment from operation and put it in standby condition, and to remove it from operation and put it in shutdown status. Instructions shall be provided for turning the equipment off during an emergency (fire, hazard to personnel, loss of coolant, normal power, etc.), as applicable.

### 3.3.9 Chapter 4 - Maintenance requirements

#### 3.3.9.1 Section I - Facilities, equipment, and material standards.

3.3.9.1.1 Facilities. The facilities required for maintenance of the test equipment, including special factors such as environment, shall be listed.

3.3.9.1.2 Special tools and equipment. This portion shall contain the detailed description, instructions, and illustrations for special tools and equipment which are necessary to perform maintenance on the test equipment, including any items which must be locally fabricated. Specific dimensions and tolerances shall be supplied for tools and fixtures.

3.3.9.1.3 Material standards. Unless otherwise specified by the contracting activity (see 6.2), this portion shall state that parts and material used for replacement, repair, or modification shall meet all applicable equipment drawings and specifications.

3.3.9.2 Section II - Preventive maintenance. This section shall contain a tabular listing of all periodic checks, services, and safety precautions, including intervals, necessary to maintain the test equipment in an operable state. References shall be made to applicable equipment lubrication orders (LO). If no applicable LOs are published, lubrication instructions shall be included in this section, in tabular format, with illustrated locations of lubrication points.

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3.3.9.3 Section III - Pre-operational specifications and self-test procedure. This section shall include information as to required pre-operational specifications applicable to checks and procedures done on the test equipment before actual testing is performed on the unit under test (UUT). If applicable, instructions on any adapter required for UUT procedures shall be included. Instructions shall be provided in this section for testing the performance of the test equipment in the event of failure of the UUT. Any necessary diagrams shall be included in this section.

3.3.9.4 Section IV - Troubleshooting. This section shall provide troubleshooting procedures should the test equipment fail to satisfy the requirements of the self-test procedure. An explanation as to how end item and major components function, and how these components interface with the rest of the equipment, shall be provided for the depot technician. Only essential information which the technician must know to troubleshoot the test equipment properly shall be provided. When specified by the contracting activity (see 6.2), functional block diagrams, test layouts, or schematics referred to and placed in appendix C (see 3.3.13) shall be used to illustrate the interface between the test equipment and the unit or assembly equipment UUT testing loop.

### 3.3.9.5 Section V - Maintenance.

3.3.9.5.1 Disassembly. Disassembly procedures shall be provided to support troubleshooting, repair, or inspection (riveted, soldered, and welded parts are not normally mentioned in disassembly). Illustrations shall be used to support the procedures. When specified by the contracting activity (see 6.2), engineering drawings shall be referenced for disassembly procedures.

3.3.9.5.2 Repair, replace, and adjust. Instructions and specifications for repair, replacement, or adjustment shall be provided in the sequence by which they are performed. Test equipment setup and other illustrations necessary to support the procedures, with a list of all mandatory replacement parts, shall be provided.

3.3.9.5.3 Assembly. Step-by-step instructions for assembly shall be provided, including in-process and final inspection requirements, if applicable. When specified by the contracting activity (see 6.2), the instructions shall be supported by illustrations and a checklist. When specified by the contracting activity (see 6.2), engineering drawings shall be referenced for assembly procedures.

3.3.10 Chapter 5 - Calibration. When previously developed calibration procedures are available, the publications containing the procedures shall be referenced. If no calibration procedures have been developed, they shall be prepared according to the general technical requirements of MIL-M-38793 and the standard format provided by the contracting activity (see 6.2). The calibration procedures developed shall appear in this chapter. When specified by the contracting activity (see 6.2), engineering source data shall be used verbatim.

3.3.11 Appendix A - Reference. This appendix shall consist of a consolidated listing of all reference material (such as documents, forms, drawings, etc.) in the text and/or necessary for operation and maintenance of the test equipment. The documents shall be listed alphabetically or numerically under each type heading.

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3.3.12 Appendix B - List of parts. This appendix shall include all peculiar maintenance items and parts not identified in another equipment publication used at the depot level for the TMDE addressed in the DM. Nomenclature, description, manufacturer's part number, Commercial and Government Entity Code (CAGEC), and quantity shall be listed. When specified by the contracting activity (see 6.2), parts lists on engineering drawings shall be referenced. The parts listing shall be prepared in accordance with MIL-STD-40051, except data shall not be prepared in work package format. The style and format shall conform to MIL-STD-38784.

3.3.13 Appendix C - unit under test (UUT) procedures and test setup diagrams. This appendix shall contain contracting activity approved test procedures for UUT using the test equipment. Unless otherwise specified by the contracting activity (see 6.2), these UUT procedures shall not duplicate procedures in other publications, nor those provided elsewhere in the DM. The appendix shall contain a list of all UUTs, or reference a publication containing such a list.

3.3.14 Other appendixes. Additional appendixes shall be provided, as appropriate.

3.3.15. Rear matter. As applicable, material following the last numbered page shall consist of the following: glossary, index, authentication page, DA Forms 2028 (Recommended Changes to Publications and Blank Forms) , and back cover.

3.3.15.1 Glossary. A glossary shall be prepared for DMs in accordance with MIL-STD-38784.

3.3.15.2 Index. Unless specified otherwise by the contracting activity (see 6.2), an alphabetical index shall be prepared in accordance with MIL-STD-38784.

3.3.15.3 Authentication page. The authentication page shall be provided by the contracting activity (see 6.2) and be inserted preceding the DA Forms 2028.

3.3.15.4 Recommended Changes to Publications and Blank Forms DA Form 2028. One completed sample copy of DA Form 2028, provided by the contracting activity, and three blank DA Forms 2028 with DM number, date and title shall be included at the back of every unclassified DM. The completed sample shall include guidelines for completing the form. The three blank copies shall be tear-out forms, preprinted with the proponent's address on the reverse side.

3.3.15.5 Back cover. The outside back cover shall be blank except for classified DMs. For classified DMs, security classification markings shall be included on the back cover in accordance with current regulations.

## 4. VERIFICATION

4.1 Verification. Verification shall be as specified by the contracting activity in the contract or order (see 6.2).

## 5. PACKAGING

5.1 Packaging. For acquisition purposes, packaging requirements shall be as specified in the contract or order (see 6.2). When actual packaging of material is to be performed by Department of Defense personnel,



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these personnel need to contact the responsible packaging activity to ascertain requisite packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activity within the Military Department or Defense Agency, or within the Military Department's System Command. Packaging data retrieval is available from the managing Military Department's or Defense Agency's automated packaging files, CD-ROM products, or by contacting the responsible packaging activity.

## 6. NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

6.1 Intended use. Depot manuals prepared in accordance with this document will be used by Government contractors and depot personnel for operation, maintenance, and calibration of depot test, measurement and diagnostic equipment.

6.2 Acquisition requirements. Acquisition documents should specify the following:

- a. Title, number, and date of the specification.
- b. Depot manual title and publication number.
- c. Configuration of equipment to be covered.
- d. Issue of DoDISS to be cited in the solicitation, and if required, the specific issue of individual documents referenced (see 2.2.1 and 2.2.2).
- e. Engineering drawings (see 3.1).
- f. Line drawings, unless otherwise specified (see 3.3.1).
- g. Reading grade level for DM (see 3.3.1).
- h. Content and order of presentation, unless otherwise specified (see 3.3.4).
- i. Illustration of equipment on cover (see 3.3.5.1).
- j. Distribution statement, destruction and export warning notices (if applicable) (see 3.3.5.1.1).
- k. Supersession notice (if applicable) (see 3.3.5.1.2).
- l. Materials standards, unless otherwise specified (see 3.3.9.1.3).
- m. Functional block diagrams, test layouts, or schematics in Appendix C (see 3.3.9.4).
- n. Engineering drawings referenced for disassembly procedures (see 3.3.9.5.1).
- o. Illustrations and checklist for assembly procedures (see 3.3.9.5.3).

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- p. Engineering drawings referenced for assembly procedures (see 3.3.9.5.3).
- q. Format for calibration procedures (if applicable) (see 3.3.10).
- r. Engineering source data used verbatim for calibration (see 3.3.10).
- s. Reference to parts lists on engineering drawings (see 3.3.12).
- t. UUT procedures in other publications or elsewhere in DM not duplicated in Appendix C of DM, unless otherwise specified (see 3.3.13).
- u. Alphabetical index, unless otherwise specified (see 3.3.15.2).
- v. Authentication page for DM (see 3.3.15.3).
- w. Verification requirements (see 4.1).
- x. Packaging requirements (see 5.1).
- y. Specification tailoring by selection of optional requirements on the content/format selection summary (see appendix A).

6.3 Technical manuals. The requirement for technical manuals should be considered when this specification is applied on a contract. If technical manuals are required, specifications and standards that have been cleared and listed in DoD 5010.12-L, Acquisition Management Systems and Data Requirements Control List (AMSDL) must be listed on a separate Contract Data Requirements List (DD Form 1423), which is included as an exhibit to the contract. The technical manual must be acquired under separate contract line item in the contract.

#### 6.4 Definitions.

6.4.1 Commercial off-the-shelf (COTS) manuals. Manuals available off-the-shelf from a commercial source which include operation, maintenance, and other instructions for commercial equipment. Commercial manuals are prepared to support the equipment in the commercial market.

#### 6.5 Subject term (key word) listing.

Calibration  
 Functional analysis  
 Operating procedures  
 Maintenance requirements  
 Troubleshooting  
 Unit under test procedures

6.6 Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

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**DM X-XXXX-XXX**

SUPERSEDES COPY DATED (*INSERT DATE*)

**DEPOT MANUAL  
FOR  
TEST EQUIPMENT TE41042-1 / TE41044-1  
USED FOR TESTING  
M60A3 TRAVERSE AND ELEVATION  
STABILIZER VALVE ASSEMBLIES  
AND  
M1 / M1A1 TRAVERSE AND ELEVATION  
SERVOMECHANISM**

**DISTRIBUTION STATEMENT C** - Distribution authorized to U.S. Government Agencies and their contractors. This publication is required for (*insert purpose*), as determined on (*insert date*). Other requests for this document shall be referred to (*insert controlling DoD office*).

**HANDLING AND DESTRUCTION NOTICE** - Comply with distribution statement and destroy by any method that will prevent disclosure of contents or reconstruction of the document.

**U.S. ARMY ARMAMENT AND CHEMICAL  
ACQUISITION LOGISTICS ACTIVITY  
ROCK ISLAND, IL 61299-6000**

**(*INSERT DATE*)**

FIGURE 1. Example of a depot manual front cover.

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**DM X-XXXX-XXX**  
**U.S. ARMY ARMAMENT AND**  
**CHEMICAL ACQUISITION**  
**LOGISTICS ACTIVITY**  
**ROCK ISLAND, IL 61299-6000**  
*(INSERT DATE)*

**DEPOT MANUAL**  
**FOR**  
**INTERFACE CONNECTION DEVICES**  
**FOR ROCKET MANAGEMENT SUBSYSTEM XXXXXX**  
**AND TEST SET XXXX**

**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), located in the back of this manual directly to *(insert name / address of proponent)*. You may also send in your recommended changes via electronic mail or by fax. Our fax number is *(insert DSN and commercial number of proponent)*. Our e-mail address is *(insert e-mail address of proponent)*. A reply will be furnished to you.

**This manual supersedes DM X-XXXX-XXX dated *(insert date)*, which shall be destroyed in accordance with applicable security regulations.**

**DISTRIBUTION STATEMENT C:** Distribution authorized to U.S. Government Agencies and their contractors. This publication is required for *(insert purpose)*, as determined on *(insert date)*. Other requests for this document shall be referred to *(insert controlling DoD office)*.

**HANDLING AND DESTRUCTION NOTICE:** Comply with distribution statement and destroy by any method that will prevent disclosure of contents or reconstruction of the document.

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FIGURE 2. Example of a depot manual title block page.

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## APPENDIX A

CONTENT/FORMAT SELECTION SUMMARY FOR  
DEPOT MANUALS FOR DEPOT TMDEA.1 GENERAL.

A.1.1 Scope. This appendix facilitates the tailoring of the requirements for depot manual acquisition/preparation contained in the body of this specification. This appendix is a mandatory part of this specification. The information contained herein is intended for compliance when the Content/Format Selection Summary is completed by the Government.

A.1.2 Application. This appendix is intended to be copied/reproduced, completed, used for contract solicitation, and incorporated into the contract.

A.1.3 Tailoring. The contracting activity should evaluate the individual requirements of this specification to determine the extent to which they are most suitable for the acquisition and modify the requirements to ensure that each achieves the optimal balance between operational needs and cost. Exclusions of sections, paragraphs, or sentences shall be indicated on the Content/Format Selection Summary. When necessary, remarks should be expanded and included on a separate sheet of paper attached to the Summary List. In all cases, tailoring shall be compatible with this specification.

A.1.4 Explanation of columns - content/format selection summary. Column (1), Item no., self explanatory. Column (2) is the type of requirement and column (3) identifies the applicable paragraph in the specification. Column (4) Options Selected, subcolumn (a) "yes", should be marked with an "X" for each item/requirement applicable to the solicitation/acquisition as written. Column (4), subcolumn (b), "no" should be marked with an "X" for each item that is not applicable as written, but is applicable as specified in subcolumn (c). Subcolumn (c), Explanation/Remarks is provided for clarity.

A.2 APPLICABLE DOCUMENTS.

This section is not applicable to this appendix.

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## APPENDIX A

## CONTENT/FORMAT SELECTION SUMMARY SHEET

EQUIPMENT NAME/NOMENCLATURE \_\_\_\_\_

CONTRACT NO. \_\_\_\_\_

NOTE: Applicable requirements are indicated by an "x" in column 4a or explained in column 4b.

(1) Item No.	(2) Requirements	(3) Applicable Paragraph No.	(4)		
			(a)	(b)	(c)
			Options Selected		Explanation/ Remarks
			(yes)	(no)	
1	Engineering drawings	3.1			
2	Line drawings	3.3.1			
3	Line drawing of equipment on cover	3.3.5.1			
4	State that parts and materials used meet standards	3.3.9.1.3			
5	Functional block diagrams	3.3.9.4			
	Test layouts	3.3.9.4			
	Schematics	3.3.9.4			
6	Engineering drawings referenced for disassembly	3.3.9.5.1			
7	Assembly instructions supported by illustrations and checklist	3.3.9.5.3			
	Engineering drawings referenced for assembly	3.3.9.5.3			

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## APPENDIX A

## CONTENT/FORMAT SELECTION SUMMARY SHEET (Continuation)

EQUIPMENT NAME/NOMENCLATURE \_\_\_\_\_

CONTRACT NO. \_\_\_\_\_

NOTE: Applicable requirements are indicated by an "x" in column 4a or explained in column 4b.

(1) Item No.	(2) Requirements	(3) Applicable Paragraph No.	(4)		
			(a)	(b)	(c)
			Options Selected		Explanation/ Remarks
			(yes)	(no)	
8	Engineering source data used verbatim for calibration	3.3.10			
9	Reference parts lists on engineering drawings	3.3.12			
10	Duplicate, in Appendix C, UUT procedures residing in other documents	3.3.13			
	Duplicate, in Appendix C, UUT procedures residing elsewhere in DM	3.3.13			
11	Alphabetical index	3.3.15.2			

NOTE: The above selected requirements tailoring options identified by an "X" in the Options Selected column 4, subcolumn 4(a) or 4(b), or the explanation provided in the Remarks subcolumn 4(c) are a mandatory part of this contract.

COMPLETED BY: \_\_\_\_\_  
(authorized signature)

PUBLICATIONS ACTIVITY: \_\_\_\_\_ DATE: \_\_\_\_\_

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Custodian:

Army - TM

Preparing activity:

Army - TM

Review activities:

Army - MI, AV, AL, AT, PT

(Project TMSS -A313 )



# STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

## INSTRUCTIONS

1. The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.
2. The submitter of this form must complete blocks 4, 5, 6, and 7.
3. The preparing agency must provide a reply within 30 days from receipt of the form.

**NOTE:** This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

### I RECOMMEND A CHANGE

1. DOCUMENT NUMBER  
**MIL-PRF-63045B (TM)**

2. DOCUMENT DATE (YYMMDD)  
970717

### 3. DOCUMENT TITLE

**PREPARATION OF DEPOT MANUALS FOR DEPOT TEST, MEASUREMENT AND DIAGNOSTIC EQUIPMENT**

### 4. NATURE OF CHANGE *(Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)*

### 5. REASON FOR RECOMMENDATION

### 6. SUBMITTER

a. NAME *(Last, First, Middle Initial)*

b. Organization

c. ADDRESS *(Include ZIP Code)*

d. TELEPHONE *(Includes Area Code)*

7. DATE Submitted  
*(YYMMDD)*

(1) Commercial

(2) AUTOVON (If applicable)

### 8. PREPARING ACTIVITY

a. NAME

**USAMC Logistics Support Activity**

b. TELEPHONE *(Include Area Code)*

(1) Commercial

(2) AUTOVON

**(205) 955-9843**

**DSN 645-9843**

c. ADDRESS *(Include ZIP Code)*

**ATTN: AMXLS-AP**

Redstone Arsenal, AL 35898-7466

IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT :

Defense Quality and Standardization Office

5203 Leesburg Pike, Suite 1403, Falls Church, VA 22041-3466

Telephone (703) 756-2340 AUTOVON 289-2340