

MIL-M-25802F (USAF)
27 February 1975
Supersedes
MIL-T-25802E (USAF)
13 January 1967

MILITARY SPECIFICATION

MANUAL TECHNICAL: LOADING AND TRANSPORT OF
NUCLEAR WEAPON CARGO IN CARGO AIRCRAFT, PREPARATION OF

1. SCOPE

1.1 This specification provides preparation instructions for technical manuals and checklists covering the loading and transport of nuclear weapon cargo in Air Force aircraft.

2. APPLICABLE DOCUMENTS

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

SPECIFICATIONS

MILITARY

MIL-M-38784	Manual, Technical: General Requirements for Preparation of
MIL-P-38790	Printing Production of Technical Manuals: General Requirements for
MIL-C-38778	Checklists: Title Page, List of Effective Pages, Printing and Binders; General Requirements for Preparation of

REGULATIONS

AFR 122-4	The Two-Man Concept
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PUBLICATIONS

AIR FORCE

TO 00-5-1 Air Force Technical Order System
(Copies of documents required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer).

TMSS

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3. REQUIREMENTS

3.1 General. The general manner of preparation for manuals and checklists shall be in accordance with the requirements of MIL-P-38790, MIL-M-38784, and MIL-C-38778 except as specified herein.

3.1.1 Format. The text shall be presented in single column format unless specified otherwise in the contract.

3.1.2 Manuscript copy for review. Types of manuscript shall be defined by the procuring activity. Size of manuscript copy for review may be either 8 1/2 x 11 inch (approximately) on reproducible (camera ready) copy size in accordance with the requirements of MIL-M-38784, but not a combination of both. Manuscript pages reproduced from existing reproducible copy with new or corrected information inserted shall be used to the maximum extent possible.

3.2 Front matter. The front portion of a manual shall consist of the following:

- a. Title page
- b. List of effective pages
- c. Table of contents
- d. Introduction

3.2.1 Title page. The title page shall be in accordance with the requirements of MIL-M-38784. It shall not be prepared on an Office Composing Machine (one style and type size).

3.2.2 Transmittal notice. A transmittal notice is not required on the title page.

3.2.3 Publication date. This date shall be the anticipated date the photolithographic negatives for the basic manual, revision, change or supplement will be sent to the printing agency.

3.2.4 Official Use notice. The unclassified manuals shall contain the notice for Official Use Only at the bottom center of the title page.

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3.2.5 Table of Contents. The table of contents shall be in accordance with MIL-M-38784 except that a single column format shall be used.

3.2.6 Introduction. The introduction shall contain, in the order listed, unnumbered paragraphs titled as follows:

- a. Purpose
- b. Scope
- c. Nuclear safety certification statement
- d. Two-man concept
- e. Arrangement of manual
- f. Use of manual
- g. Definitions
- h. References
- i. Designation of bombs, warheads and basic assemblies
- j. Designation of carriers
- k. Improvement reports
- l. Significant changes

3.2.6.1 Purpose. This paragraph shall cover the intended purposes of the manual.

3.2.6.2 Scope. This paragraph shall cover the intended scope of the manual.

3.2.6.3 Nuclear safety certification statement. The following shall be included as a standard statement:

"The support equipment and procedures contained herein have been evaluated and are acceptable for this prescribed routine use with nuclear weapons."

3.2.6.4 Two-man concept. The definition of the two-man concept as given in AFR 122-4 shall be included in this paragraph unless specified otherwise by the procuring activity.

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3.2.6.5 Arrangement of manual. This paragraph shall give a brief description of the arrangement of the manual.

3.2.6.6 Use of manual. This paragraph shall give a brief outline of the use of the manual.

3.2.6.7 Definitions. This paragraph shall provide definitions of Emergency Logistic Movement, Maximum Routine Load, Maximum Tested Load, Maximum Density Load, Warning, Caution, Note, Shall, Will, Should, and May.

3.2.6.8 References. This paragraph shall provide a list of essential reference documents.

3.2.6.9 Designation of bombs, warheads, and basic assemblies and designation of carriers. These paragraphs shall provide a brief explanation of the designations.

3.2.6.10 Improvement reports. This paragraph shall provide a brief explanation for the submission of improvement reports and the technical responsibility for the manual.

3.2.6.11 Significant changes. A list of significant changes in accordance with MIL-M-38784 will be provided when a revision to an existing manual is made except that a list of time compliance technical orders is not required. (Change bars are used for changes, but not for revisions.)

3.3 Glossary. Not required unless specified otherwise by the procuring activity.

3.4 Appendix. Not required

3.5 Alphabetical index. Not required

3.6 Arrangement and titles. Following the front matter, the manual shall be arranged in six sections in accordance with MIL-M-38784 except as noted and titled as follows:

Section I, Loading, Offloading, and General Procedures

Section II, Bombs--Specific Procedures

Section III, Warheads--Specific Procedures

Section IV, Missiles and other Nuclear Weapon Cargo--
Specific Procedures

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Section V, Emergency Procedures

Section VI, Emergency Logistic Movement Procedures

3.6.1 Section I. Unless specified otherwise by the procuring activity this section shall contain paragraphs with primary heads titled as follows: General, General Precautions and Practices, Restrictions on Tiedown, Shoring, Loading Aids, Aircraft Preparation, Prior to Loading or Offloading, and Jettisoning. The detailed loading and offloading procedures using various methods and equipment shall be provided in this section and each shall have a primary side heading identifying the procedure.

3.6.2 Sections II, III, and IV. These sections shall include, a general paragraph and, for each weapon carrier, a brief description, loading and offloading procedures authorized, and tiedown procedures. (A description of palletized weapon carriers may be omitted.)

3.6.2.1 Heading. Each weapon-carrier shipping configuration shall be a primary side head with the specific information for it as subparagraphs. (For palletized weapon carriers this information may be given in tabular form under a single primary head titled Specific Procedures.)

3.6.3 Section V. This section shall contain emergency procedures and policies for loading and airlift. These procedures may be covered by either reference, detailed instructions, or both.

3.6.3.1 Classified Section. If Section V is classified, it will be issued as a classified separate technical order. In this case, Section 5 in the basic manual will consist of one unclassified page with section number, title, and a reference to the classified technical order. One sectionalized portion of a technical order may be sufficient for two basic manuals (e.g., palletized and unpalletized manuals).

3.6.3.2 As a minimum Section V shall contain policies and procedures for communication, firefighting, general accidents, emergency destruction, unscheduled landings, accident/incident followup procedures and jettisoning.

3.6.4 Section VI. This section shall cover suggested emergency logistic movement procedures, max tested and max density aircraft loads. The arrangement and titles shall

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be similar to that for Sections I, II, III, and IV. Routine loading and offloading procedures of Section I will not be repeated in this section.

3.6.5 Primary side heads. Primary side heads shall be in accordance with the requirements of MIL-M-38784. They shall be prepared in boldface type.

3.7 Changes. Changes shall be in accordance with the requirements of MIL-M-38784. A double columned basic manual will be revised instead of changed unless otherwise specified by the procuring activity.

3.8 Revisions. Revisions shall be in accordance with the requirements of MIL-M-38784 except that change symbols are not required.

3.9 Drilling. The manuals shall be drilled to accommodate either a three post or three ring binder.

3.10 Checklists. Checklists, if required by the procuring activity, shall be in accordance with the requirements of MIL-C-38778 except as specified herein.

3.10.1 General. Reproducible copy for checklists shall be prepared so that a 4-1/2 by 7 inch size printing can be accomplished. Clipboard style is not required unless otherwise specified by the procuring activity.

3.10.2 Front matter. The front matter of a checklist shall be in accordance with the requirements of MIL-C-38778 except that a list of illustrations, a list of tables, safety precautions, and a distribution limitation statement are not required.

3.10.2.1 Table of contents and introduction. The requirements of MIL-M-38784 are applicable.

3.10.3 Detailed requirements. The checklist shall contain text extracted from the technical manual as determined by the procuring activity. Text shall be extracted verbatim from the technical manual unless otherwise specified by the procuring activity. (Abbreviations shall be in accordance with MIL-M-38784.)

4. QUALITY ASSURANCE PROVISIONS

4.1 The requirements of MIL-M-38790 are applicable

5. PREPARATION FOR DELIVERY

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5.1 The requirements of MIL-M-38784 and MIL-P-38790 are applicable.

6. NOTES

6.1 Checklists prepared in the general style and format requirements of this specification are intended for use by experienced nuclear qualified loadmasters in lieu of certain portions of the regular technical manual. Checklists extract certain portions of regular manual as a convenience to the loadmaster during actual loading and offloading when the regular manual would be cumbersome to use and subject to abuse.

6.2 Ordering Data. Procurement documents should specify:

- a. Title, number and date of this specification.
- b. If other than single column format is required. (3.1.1)
- c. Type of manuscript. (3.1.2)
- d. Definition of two-man concept. (3.2.6.4)
- e. If glossary is required. (3.3)
- f. If additional paragraph titles are required. (3.6.1)
- g. If double column manuals will be changed. (3.7)
- h. If checklists are required. (3.10)
- i. If clipboard style checklists are required. (3.10.1)
- j. Checklist content. (3.10.3)

Custodian
Air Force - 15

Preparing Activity
Air Force - 15

Review Activities
Air Force - 01, 10, 79, 16

Project No TMSS - F371

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