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MILITARY STANDARD
DATA REQUIREMENTS FOR DEVELOPMENT, ACQUISITION,
AND UPDATE OF TECHNICAL MANUALS



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MIL-STD-1790A(USAF)

**DEPARTMENT OF DEFENSE
WASHINGTON, DC 20402**

**Data Requirements for Development, Acquisition, and Update
of Technical Manuals**

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MIL-STD-1790A(USAF)

CONTENTS

Paragraph	1.	SCOPE -----	1
	1.1	Scope -----	1
	2.	REFERENCED DOCUMENTS -----	2
	3	DEFINITIONS (Not applicable) -----	3
	4.	GENERAL REQUIREMENTS -----	4
	5.	DETAILED REQUIREMENTS -----	5
	5.1	Development Plan for Technical Manuals -----	5
	5.1.1	Technical Manual Publication Plan (TMPP) -----	5
	5.1.2	Technical Manual Schedules and Status -----	5
	5.2	Procedural support data -----	5
	5.3	CFAE/CFE notices -----	5
	5.4	Report of technical manual costs -----	5
	5.5	Validation -----	5
	5.5.1	Validation plan -----	5
	5.5.2	Validation completion report -----	5
	6.	NOTES -----	6
	6.1	Intended use (Not applicable) -----	6
	6.2	Data requirements -----	6

MIL-STD-1790A(USAF)

1. SCOPE

1.1 Scope. This standard sets forth the general requirements for acquisition of data to support acquisition of technical manuals and checklists. Data are an integral part of technical manual requirements. Data requirements must be planned, monitored and updated to ensure timely completion and delivery for adequate logistics support. Requirements of this standard will be adapted to fit the specific equipment or situation being covered.

MIL-STD-1790A(USAF)

2. REFERENCE DOCUMENTS

2.1 Government documents.

2.1.1 Other Government documents, drawings, and publications. The following other Government documents, drawings, and publications form a part of this standard to the extent specified herein.

TM-86-01 Air Force Technical Manual Contract Requirements

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

2.1.2 Order of precedence. In the event of a conflict between the text of this standard and the references cited herein, the text of this standard shall take precedence.

MIL-STD-1790A(USAF)

3. DEFINITIONS

3.1 Not applicable.

MIL-STD-1790A(USAF)

4. GENERAL REQUIREMENTS

4.1 General requirements. Technical Manuals, as identified by the acquiring activity, provide complete technical instructions for Air Force equipment when developed in accordance with the applicable detail specifications. This standard will govern the process for development of technical manual related data. Air Force Technical Manual Contract Requirements TM-86-01 shall be used to identify the types of technical manuals required. Data Item Descriptions (DIDs) and Contract Data Requirement List (CDRL) shall specify the technical manual related data requirements and their preparation and delivery.

NOTE: The term technical manual(s) used throughout this specification shall be used as the generic term to also include technical orders and related technical publications.

MIL-STD-1790A(USAF)

5. DETAILED REQUIREMENTS

5.1 Development plan for technical manuals.

5.1.1 Technical manual publication plan (TMPP). When specified on the CDRL, a TMPP shall be prepared (see 6.2) and is subject to government approval. The plan shall specify the extent of the technical manual coverage required for the applicable acquisition phase (see standard milestone events within the plan). Air Force Technical Manual Contract Requirements TM-86-01 shall be used to identify applicable technical manual requirements. The contents of the plan are flexible, and the extent of coverage required may be adjusted dependent upon the size or complexity of the program.

5.1.2 Technical manual schedules and status. When specified on the CDRL a schedule and status report shall be prepared and maintained (see 6.2) and shall provide sufficient information for complete tracking through the life of the technical manual development/maintenance contract.

5.2 Procedural support data. When specified on the CDRL a procedural support data package shall be prepared (see 6.2). A procedural support data package should be considered when such information is required to accomplish certain tasks such as rendering safe, maintenance, protective handling, etc., during the development effort.

5.3 Contractor Furnished (Aeronautical) Equipment / Contractor Furnished Equipment (CFAE/CFE) notices. When specified on the CDRL, CFAE/CFE Notices and revisions of these notices shall be prepared (see 6.2). Notices are intended to be used to effect immediate acquisition action of required data to insure that manuals will be available when the components and support equipment of a system or end article are placed into government service.

5.4 Report of technical manual costs. When specified on the CDRL, a report of technical manual costs shall be prepared. (see 6.2)

5.5 Validation. The contractor shall review, inspect, and validate technical manuals. The contractor shall furnish a record thereof when specified on the CDRL. The Government reserves the right to witness the validation, which shall be accomplished in accordance with the validation plan.

5.5.1 Validation plan. When specified on the CDRL, a validation plan shall be developed (see 6.2), which may become a part of the TMPP.

5.5.2 Validation completion report. When specified on the CDRL, a validation completion report shall be prepared (see 6.2), for each manual or TCTO upon completion of the validation effort.

MIL-STD-1790A(USAF)

6. NOTES

6.1 Intended use. Not applicable.

6.2 Data requirements. When this standard is used in an acquisition which incorporates a DD Form 1423, Contract Data Requirements List (CDRL), the data requirements identified below shall be developed as specified by an approved Data Item Description (DD Form 1664) and delivered in accordance with the approved CDRL incorporated into the contract. When the provisions of DoD FAR Supplement, Part 27, Subpart 27.410-6 (DD Form 1423) are invoked and the DD Form 1423 is not used, the data specified below shall be delivered by the contractor in accordance with the contract or purchase order requirements. Deliverable data required by this standard is cited in the following paragraphs.

<u>Paragraph No.</u>	<u>Data Requirement Title</u>	<u>Applicable DID No.</u>
5.1.1	Technical Manual Publication Plan	DI-TMSS-80063
5.1.2	Technical Manual Schedule and status Report	DI-TMSS-80064
5.2	Procedural support Data	DI-TMSS-80065
5.3	CFAE / CFE Notices	DI-TMSS-80067
5.4	Report of Technical Manual Costs	DI-TMSS-80068
5.5.1	Technical Manual Validation Plan	DI-TMSS-80069
5.5.2	Validation Completion Report, Technical Manuals	DI-TMSS-80070

(Data item descriptions related to this standard, and identified in section 6 will be approved and listed as such in DoD 5010.12-L, AMSDL. Copies of data item descriptions required by the contractors in connection with specific acquisition functions should be obtained from the Naval Publications and Forms Center or as directed by the contracting officer.)

MIL-STD-1790A(USAF)

6.3 Changes from previous issue. The margins of this standard are marked with vertical lines to indicate where significant changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations.

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