

INCH-POUND

MIL-DTL-8031H(USAF)
w/AMENDMENT 2
22 April 2020

SUPERSEDING
MIL-DTL-8031H(USAF)
w/AMENDMENT 1
05 August 2019

DETAIL SPECIFICATION MANUALS, TECHNICAL - LIST OF APPLICABLE PUBLICATIONS (LOAP) - PREPARATION



Comments, suggestions, or questions on this document should be addressed to AFLCMC/HIS Technical Data Section, 4170 Hebble Creek Road, Bldg. 280, Door 15, Area A, Wright-Patterson AFB, OH 45433-5653 or emailed to SGMLsupport@us.af.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.dla.mil>.

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This specification is approved for use by the Department of the Air Force and is available for use by all Departments and Agencies of the Department of Defense.

1 SCOPE

1.1 Scope. This detail specification covers the detail requirements for the preparation of the List Of Applicable Publications (LOAP). Appendix A provides information for utilization of markup language tools for the digital preparation of technical data to be delivered to the Government.

1.2 Detail. DELETED.

1.3 Illustrations in this specification. The illustrations appearing in this specification are used only as examples. If there is any conflict between the text and illustrations of this document, the text applies.

2 APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3 and 4 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 of documents cited in sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

DEPARTMENT OF DEFENSE STANDARDS

MIL-STD-38784 -

General Style and Format Requirements For Technical Manuals

(Copies of this document are available online at <https://quicksearch.dla.mil>).

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. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

AIR FORCE TECHNICAL ORDERS

TO 00-5-3 -

Air Force Technical Order Life Cycle Management

TO 00-5-18 -

AF Technical Order Numbering System

(Copies of these documents required by users with “mil.” government web address access are available online at <https://www.my.af mil/etims/ETIMS/index.jsp>. Refer to helpdesk information if obtaining copies without a technical order (TO) subscription account. Copies of documents required by contractors in connection with specific procurement functions should be obtained from the acquiring activity or as directed by the contracting officer.)

2.3 Order of precedence. Unless otherwise noted herein or in the contract, 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 Preparation. The general manner of preparation shall be in accordance with the requirements of MIL-STD-38784. The acquiring activity shall select the applicable outputting requirements, portable document format (PDF) or paper output (see 6.2b and 6.5).

Paper output: (Figures 1, 3, 5, and 7) The manual shall be prepared in 8 ½ by 11-inch size. Unless otherwise specified by the acquiring activity (see 6.2c), Chapters 1 and 2 shall be in double column format.

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PDF output: (Figures 2, 4, 6, and 8) All manuals shall be single column and arranged per 3.4.

Requirements for paper and PDF output given throughout this specification are as defined in 6.5.

3.2 Changes and revisions. Changes and revisions shall be in accordance with the requirements of MIL-STD-38784.

3.3 Information to be excluded. The LOAP shall not include illustrations, time compliance TOs, technical order page supplements, routine supplements, operational supplements, or safety supplements.

3.4 Content and arrangement. The LOAP shall be arranged as follows:

Front Matter

Chapter 1 - Technical Manuals

Chapter 2 - Part Number to Technical Order Number

3.4.1 Front matter. Front matter shall consist of a Title Page, a List of Effective Pages (paper output) or a List of Changes (PDF output), Table of Contents (TOC), and Introduction. The Title Page, List of Effective Pages or List of Changes, and Introduction shall be in accordance with the requirements of MIL-STD-38784. The TOC shall list the Introduction, Chapter 1 (title, category numbers and category titles, and subcategory titles), and Chapter 2 (title or if Chapter 2 does not apply, title with “(NOT APPLICABLE)” shall be listed).

PDF output: TOC entries shall be linked to the data to which they apply.

3.4.2 Chapter 1 - Technical manuals. This chapter shall include all technical manuals (index type, general and technical, checklists, inspection work-cards, inspection sequence charts, work unit code manuals, etc.) applicable to the specific equipment covered by the publication, including installed and support equipment. These listings shall also include commercial manuals and unpublished technical manuals being procured, or prepared, which have been assigned technical manual identification numbers. Supplemental manuals shall be included, except those listed in 3.3.

3.4.2.1 Technical manual listings. The listings shall be in alphanumeric sequence, single position at a time (except as specified in 3.4.2.1.1), and under main category and sub-category headings. However, technical manual identification numbers beginning with numeral 1 through 9 shall be considered to be preceded by a space; thus, TO 2J-TF39-2 shall be treated as “space 2J-TF39-2” in order to precede TO 11A15-1-2. The category and sub-category headings used shall conform to TO 00-5-18. Examples of category and sub-category headings are:

a. Category 1 - Aircraft

1. 1-1 - General Aircraft
2. 1-1A - General Engineering Manuals
3. 1-1B - Weight and Balance
4. 1-1C - Air Refueling
5. 1-1H - Aircraft Battle Damage Repair
6. 1-1M - Non-Nuclear Munitions Delivery

b. Category 2 - Airborne Engines and Associated Equipment

1. 2J - Jet Engines
2. 2K - Booster and Rocket Engines
3. 2R - Reciprocating Engines
4. 2G - Gas Turbine Engines

c. Category 37 - Fuel, Oil, and Propellant Handling Equipment

1. 37A - Fuel and Oil Handling Equipment
2. 37B - Aircraft Propellant Systems
3. 37C - Propellant Storage and Handling Equipment

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d. Category 51 - Automatic Test Systems

1. General Automatic Test Systems
2. Computer Operated Test Stations
3. Aircraft Engines (Test Stations)
4. Navigation Instruments (Test Stations)
5. Radar Equipment (Test Stations)
6. Test Guidance Equipment

3.4.2.1.1 Whole numbers. Numbers which are not separated by dashes, letters, or other symbols shall be treated as whole (one) numbers. (For example: the listing for TO 33D7-3-193-7-1 shall precede the listing for TO 33D7-10-185-1; the listing for TO 33D7-6-89-1 shall precede the listing for TO 33D7-6-136-1, etc.)

3.4.2.2 Column heads. Column headings shall be as follows:

■ Paper output:

TO NUMBER	TITLE	TYPE	TO NUMBER	TITLE	TYPE
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■ PDF output:

TO NUMBER	TITLE	TYPE
-----------	-------	------

3.4.2.2.1 TO number column. Technical manual identification numbers shall be listed in alphanumeric sequence (see 3.4.2.1). Dates of technical manuals shall not be shown.

3.4.2.2.2 Title column. Publication titles shall conform to those listed in ETIMS (see 6.6), and shall also conform to titles assigned to unpublished technical manuals. Where two or more manual listings cover the same model(s) or type(s) of equipment, the complete title shall be shown for the first listed manual. Subsequent listings shall show "Same as TO XX-XXX-XX" in lieu of the complete title.

3.4.2.2.3 Type column. Publication type shall be indicated by the use of symbols, which shall be explained in the introduction. If manuals are restricted by maintenance level, the symbol shall so indicate. The "-W" suffix to publication type denotes winterization applicability. The "M-W" suffix indicates a manual in which winterization instructions are included.

3.4.3 Chapter 2 - Part number to technical order number. Unless otherwise specified by the acquiring activity (see 6.2d), this chapter shall be used. When not used, it shall be included and marked "(NOT APPLICABLE)." This chapter shall include all installed and support equipment to which a part number has been assigned, and the technical manual identification number which has been assigned for that part number. This chapter shall be in alphanumeric sequence by part number. Column headings shall be as follows:

■ Paper output:

PART NUMBER	TO NUMBER	PART NUMBER	TO NUMBER
-------------	-----------	-------------	-----------

■ PDF output:

PART NUMBER	TO NUMBER
-------------	-----------

4 VERIFICATION

4.1 Verification requirements. When the technical data produced according to this specification is offered for acceptance, all tests, reviews, and verifications required by the acquiring activity to determine that it conforms to the requirements in section 3 of the specification, shall be performed as specified in the solicitation or contract. The Air Force Technical Order Policy and Procedures (AF TOPP) team, AFMC/A4FI, provides the specific requirements for verification of technical data developed and delivered through

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this specification, as well as guidance for including these requirements in the solicitation or contract (see TO 00-5-3, AF Technical Order Life Cycle Management, 2.2.2).

4.2 Compliance. Technical manuals (TMs) shall meet all requirements of section 3 of this specification and the appropriate DTD appendix, as required by the acquiring activity (see 6.2). The requirements set forth in this specification shall become a part of the contractor's overall inspection system or quality program. The absence of any requirements in this specification shall not relieve the contractor of the responsibility of ensuring that all products or supplies, submitted to the government for acceptance, comply with all requirements of the contract. Use of sampling inspections shall be at the discretion of the contractor, and in accordance with commercially acceptable quality assurance procedures. However, use of sampling in QA procedures does not authorize submission of known defective material, either indicated or actual, nor does it commit the government to accept defective material.

5 PACKAGING

5.1 Packaging. For acquisition purposes, the packaging requirements shall be as specified in the contract or order (see 6.2e). When packaging of materiel is to be performed by DoD or in-house contractor personnel, these personnel need to contact the responsible packaging activity to ascertain packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activities within the Military Service or Defense Agency, or within the military service's system commands. 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. The technical manuals prepared in accordance with the requirements of this specification are intended to enable personnel to select publications pertinent to the weapon, system, equipment, or vehicle to which the publication applies.

6.2 Acquisition requirements. Acquisition documents must specify the following:

- a. Title, number, and date of this document.
- b. If either PDF or paper output requirements apply (see 3.1).
- c. Paper Output: if manual is single or double column format (see 3.1).
- d. If chapter 2 is not required (see 3.4.3).
- e. Packaging requirements (see 5.1).

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 authorized and assigned an Acquisition Management Systems Control (AMSC) number must be listed on a separate Contract Data Requirements List (DD Form 1423), which is included as an exhibit to the contract. The technical manuals must be acquired under separate contract line item in the contract.

6.4 Print versus electronic presentation. DELETED.

6.5 Definitions.

6.5.1 Verification. DELETED.

6.5.2 Paper/PDF unique formatting/functionality requirements.

- a. Paper output. Specifies requirements used to develop TM data to be used as printed or paper publications. These are requirements that only apply due to the medium of the publication being paper, such as the need for volumes, binding edges, various page sizes, blank aprons for foldouts, etc.
- b. PDF output. Specifies requirements used to develop TM data to be used as PDF publications. These are requirements that only apply due to the PDF medium, such as hyperlinks and bookmarks.

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6.6 Publication titles. Publication titles can be searched for in ETIMS at <https://www.my.af.mil/etims/ETIMS/index.jsp>.

6.7 Subject term (key word) listing.

Part number to technical order number
Technical manual listings

6.8 Amendment notations. The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

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ES, AND CROSS REFERENCE TABLE		33-TEST EQUIPMENT TECHNICAL ORDERS	1-4
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FIGURE 1. Paper output - Table of Contents.

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FIGURE 2. PDF output - Table of Contents.

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INTRODUCTION

1 CONTENTS.

This list of applicable publications contains a supplemental listing of technical order system publications applicable to the EC-1300H airplane, including Lockheed Technical Manuals (LTMs). The term "complete listing" refers to technical orders required at sites, bases, overhaul depots, and manufacturing plants to operate and maintain the aircraft, including engines, accessories, and installed equipment. Additionally, this publication identifies peculiar Air Force (AF) technical orders and NAVAIR manuals required to support the EC-1300H airplanes, and includes vendor manuals (commercial publications) identified as LTMs.

2 ABBREVIATION SECTION.

Abbreviation Title

Term	Definition
Term	Definition
Term	Definition
Term	Definition

3 PURPOSE.

The purpose of this technical order is to enable concerned personnel to select and become familiar with publications pertinent to the EC-1300H airplane. This technical order eliminates the need for compilation of similar data by individual service activities. Included in this technical order are technical orders required for limited technical order files, publications requirement tables, etc. This data supplements the basic manual, TO 1C-1300A-01, and cannot be used independently of that manual.

4 ARRANGEMENT.

4.1 Technical Order Listings. Publications in this technical order are listed in alphanumerical order and under classification headings corresponding to those contained in the technical order numerical indexes. Supplementary data are provided in the format columns to portray publications type.

4.2 Publication Titles. The publication titles appearing in this technical order conform, as nearly as possible, to those contained in the numerical indexes of technical publications.

5 ALPHANUMERICAL SEQUENCE.

5.1 Technical Order and Part Number Arrangement.

Technical order and part number arrangement in this publication begin in the extreme left-hand position and continue from left to right until all alphanumerics are arranged in sequence. Technical order numbers beginning with the numerals 1 through 9 shall be considered to be preceded by a space. Therefore, TO 6J00-0-13 shall be treated as TO space 6J00-0-13 in order to precede TO 10A0-0-0-7.

5.2 First Position Order of Precedence. The order of precedence in beginning the technical order or part number arrangement on the extreme left-hand (first) position is as follows:

Letters:	A through Z
Numbers:	0 through 9

5.3 Continuing Order of Precedence. The order of precedence in continuing the alphanumeric arrangement on the second and succeeding position of the number from left to right is as follows:

Space (Blank)	Comma (,)
Point (Period) (.)	Pound (#)
Coml. at (@)	Parenthesis ()
Dash (-)	Plus (+)
Asterisk (*)	Letters A Through Z
Diagonal Slant (/)	Numbers 0 Through 9
Ampersand (&)	

FIGURE 3. Paper output - Introduction.

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INTRODUCTION

1 CONTENTS.

This list of applicable publications contains a supplemental listing of technical order system publications applicable to the EC-1300H airplane, including Lockheed Technical Manuals (LTMs). The term "complete listing" refers to technical orders required at sites, bases, overhaul depots, and manufacturing plants to operate and maintain the aircraft, including engines, accessories, and installed equipment. Additionally, this publication identifies peculiar Air Force (AF) technical orders and NAVAIR manuals required to support the EC-1300H airplanes, and includes vendor manuals (commercial publications) identified as LTMs.

2 ABBREVIATION SECTION.

Abbreviation Title	
Term	Definition
Term	Definition
Term	Definition
Term	Definition

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5.2 First Person Order of Precedence. The order of precedence in beginning the technical order or part number arrangement on the extreme left-hand (first) position is as follows:

Letters:	A through Z
Numbers:	0 through 9

5.3 Continuing Order of Precedence. The order of precedence in continuing the alphanumeric arrangement on the second and succeeding position of the number from left to right is as follows:

FIGURE 4. PDF output - Introduction.

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CHAPTER 1 TECHNICAL MANUALS

TO NUMBER	TITLE	TYPE	TO NUMBER	TITLE	TYPE
TO CATALOG, INDEXES AND CROSS-REFERENCE TABLE (0-CATEGORY)			TO 1EC-130H-2-21GS-80-1	Technical Manual Organizational Maintenance General Systems Special Systems Air Conditioning System USAF Series EC-130H Aircraft (After TCTB 1EC-130H(RF)-100)	OM
ALL 0-X SERIES	Refer to TO 1C-130A-01 (U)	IN	TO 1EC-130H-2-21JG-80-1	Technical Manual Organizational Maintenance Job Guide Special Systems Air Conditioning System USAF Series EC-130H Aircraft (After TCTB 1EC-130H(RF)-100)	OM
METHODS & PROCEDURES TECHNICAL ORDERS (00-CATEGORY)			TO 1EC-130H-2-21WD-80-1	Technical Manual Organizational Maintenance Schematic Diagrams/Wiring Data Special Systems Air Conditioning System USAF Series EC-130H Aircraft (After TCTB 1EC-130H(RF)-100)	OM
ALL 00-X SERIES	Refer to TO 1C-130A-01 (U)	M	TO 1EC-130H-2-24FI-00-1	Technical Manual Organizational Maintenance Fault Isolation Special Systems Power Distribution USAF Series EC-130H Aircraft (After TCTB 1EC-130H(RF)-100)	OM
LTM 00-80(CC)-30	Technical Manual Hardware, Software, and Firmware Configuration (U)	IM	TO 1EC-130H-2-24GS-00-1	Technical Manual Organizational Maintenance General Systems Special Systems Power Distribution USAF Series EC-130H Aircraft (After TCTB 1EC-130H(RF)-100)	OM
AIRCRAFT (1-CATEGORY)			TO 1EC-130H-2-24JG-00-1	Technical Manual Organizational Maintenance Job Guide Special Systems Power Distribution General Maintenance USAF Series EC-130H Aircraft (After TCTB 1EC-130H(RF)-100)	SM
ALL 1-X SERIES	Refer to TO 1C-130A-01 (U)	M	TO 1EC-130H-2-24WD-00-1	Technical Manual Organizational Maintenance Schematic Diagrams/Wiring Data Special Systems Power Distribution USAF Series EC-130H Aircraft (After TCTB 1EC-130H(RF)-100)	SM
EC-130H OMMS			TO 1EC-130H-2-25GS-00-1	Technical Manual Organizational Maintenance General Systems Equipment and Furnishings USAF Series EC-130H Aircraft (After TCTB 1EC-130H(RF)-100)	SM
TO 1EC-130H-06	Partial Technical Manual Aircraft Maintenance Work Unit Code Manual USAF Series EC-130H Aircraft (U)	SM	TO 1EC-130H-2-25JG-00-1	Technical Manual Organizational Maintenance Job Guide Equipment and Furnishings USAF Series EC-130H Aircraft (After TCTB 1EC-130H(RF)-100)	SM
TO 1EC-130H-1CL-1	Pilot's Flight Crew Checklist USAF Series EC-130H Aircraft (U)	FM			
TO 1EC-130H-1CL-2	Navigator's Flight Crew Checklist USAF Series EC-130H Aircraft (U)	FM			
TO 1EC-130H-1CL-5	Flight Engineer's Flight Crew Checklist USAF Series EC-130H Aircraft (U)	FM			
TO 1EC-130H-1CL-7	Mission Crew Flight Crew Checklist USAF Series EC-130H Aircraft (U)	FM			
TO 1EC-130H-2-00GE-00-1	Technical Manual Organizational Maintenance General Equipment Manual USAF Series EC-130H Aircraft (After TCTB 1EC-130H(RF)-100)	SM			
TO 1EC-130H-2-05JG-00-1	Technical Manual Organizational Maintenance Job Guide Ground Handling General Maintenance USAF Series EC-130H Aircraft	SM			
TO 1EC-130H-2-10JG-00-1	Technical Manual Organizational Maintenance Job Guide Ground Handling Parking and Mooring USAF Series EC-130H Aircraft	OM			
TO 1EC-130H-2-12JG-10-2	Technical Manual Organizational Maintenance Job Guide Ground Handling Aircraft Servicing USAF Series EC-130H Aircraft	SM			
TO 1EC-130H-2-21FI-80-1	Technical Manual Organizational Maintenance Fault Isolation Special Systems Air Conditioning System USAF Series EC-130H Aircraft (After TCTB 1EC-130H(RF)-100)	OM			

FIGURE 5. Paper output - Chapter 1.

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CHAPTER 1

TECHNICAL MANUALS

TO NUMBER	TITLE	TYPE
TO CATALOG, INDEXES AND CROSS-REFERENCE TABLE (0-CATEGORY)		
All 0-X Series	Refer to TO 1C-130A-01 (U)	IN
METHODS & PROCEDURES TECHNICAL ORDERS (00-CATEGORY)		
All 00-Z Series	Refer to TO 1C-130A-01 (U)	M
LTM 00-80(CC)-30	Technical Manual Hardware, Software, and Firmware Configuration (U)	IM
AIRCRAFT (1-CATEGORY)		
All 1-X Series	Refer to TO 1C-130A-01 (U)	M
EC-130H OMMS		
TO 1EC-130H-06	Partial Technical Manual Aircraft Maintenance Work Unit Code Manual USAF Series EC-130H Aircraft (U)	SM
TO 1EC-130H-1CL-1	Pilot's Flight Crew Checklist USAF Series EC-130H Aircraft (U)	FM
TO 1EC-130H-1CL-2	Navigator's Flight Crew Checklist USAF Series EC-130H Aircraft (U)	FM
TO 1EC-130H-1CL-5	Flight Engineer's Flight Crew Checklist USAF Series EC-130H Aircraft (U)	FM
TO 1EC-130H-1CL-7	Mission Crew Flight Crew Checklist USAF Series EC-130H Aircraft (U)	FM
TO 1EC-130H-2-00GE-00-1	Technical Manual Organizational Maintenance General Equipment Manual USAF Series EC-130H Aircraft (After TCTB 1EC-130H(RF)-100)	SM
TO 1EC-130H-2-05JG-00-1	Technical Manual Organizational Maintenance Job Guide Ground Handling General Maintenance USAF Series EC-130H Aircraft	SM
TO 1EC-130H-2-10JG-00-1	Technical Manual Organizational Maintenance Job Guide Ground Handling Parking and Mooring USAF Series EC-130H Aircraft	OM
TO 1EC-130H-2-12JG-10-2	Technical Manual Organizational Maintenance Job Guide Ground Handling Aircraft Servicing USAF Series EC-130H Aircraft	SM
TO 1EC-130H-2-21FI-80-1	Technical Manual Organizational Maintenance Fault Isolation Special Systems Air Conditioning System USAF Series EC-130H Aircraft (After TCTB 1EC-130H(RF)-100)	OM
TO 1EC-130H-2-21GS-80-1	Technical Manual Organizational Maintenance General Systems Special Systems Air Conditioning System USAF Series EC-130H Aircraft (After TCTB 1EC-130H(RF)-100)	OM

FIGURE 6. PDF output - Chapter 1.

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**CHAPTER 2
PART NUMBER TO TECHNICAL ORDER NUMBER**

PART NUMBER	TO NUMBER	PART NUMBER	TO NUMBER
B12622108-101	LTM 3186	1810-023-01	11A8-22-7
B12624103-101	LTM 3183	1810-023-02	11A8-22-7
B38224006-101	LTM 2282	1810-025-01	11A8-22-7
B38224006-103	LTM 2282	1810-23-01	LTM 2067
B38312002-107	LTM 2279	1810-25-01	LTM 2067
B38432001-101	LTM 2249	1817230-001	LTM 2272
B38432012-101	LTM 2247	181756-001	LTM 2301
B38432024-101	LTM 2257	182014H-000	LTM 6125
B38432025-105	LTM 2277	1S845	35C1-2-795-11
B38432036-101	LTM 2276	203290	LTM 6096
B38432037-101	LTM 2275	203510	LTM 6001
B38432038-101	LTM 2275	203652	LTM 6037
B38432039-101	LTM 2275	20704	LTM 3188
B38432044-101	LTM 2247	20SITS166B/F/	3304-1
B38434005-107	LTM 2274	20M64UG	
B38482003-101	LTM 2252	3438A	33A1-12-1179-1
B38542001-101	LTM 2253	3466A	33A1-12-1161-1
B38612001-107	LTM 2248	3466A	33A1-12-1161-1C
B38614008-101	LTM 2224	3-856-164-311	LTM 3309
B38622001-101	LTM 3186	401901-005	LTM 6049
B38664005-105	LTM 2279	406010-000	LTM 2250
BB014838	LTM 2000	407089-001	LTM 6084
BB015273	LTM 2001	407089-002	LTM 6084
DC508 SNB020000	33A1-10-249-1	40709071-	LTM 2030
E1420B-90027	LTM 6052	4076551	LTM 3011
FG504 SNB040000	33A1-8-845-11	4078650-1	LTM 2031
HR694HT-166-1144-50KW	LTM 3009	4078650-1	LTM 2031-1
MP024111-01	LTM 2200	4078650-25	LTM 2031
MP024111-01	LTM 2208	4078650-25	LTM 2031-1
PG508	33A1-8-870-1	4078651-1	LTM 2031
XB059670	LTM 2241	4078651-1	LTM 2031-1
XB059680	LTM 2242	4078651-103	LTM 2031
010-36845	LTM 2280	4078652-1	LTM 2031
010-36846	LTM 2280	4078652-1	LTM 2031-1
020-1055-001	LTM 2183	4078653-1	LTM 2031
020-1057-001	LTM 2182	4078653-1	LTM 2031-1
0252-0400B	LTM 6085	4078692-1	LTM 2031
070-9019-02	LTM 2291	4078692-1	LTM 2031-1
070-9143-02	LTM 6072	4078738-103	LTM 2036
072116B	LTM 2283	4078742-1	LTM 2033
072118B	LTM 2290	4078748-1	LTM 2034-1
08640-90186	33A1-8-760-31	4078748-103	LTM 2034
08752-90137	LTM 6055	4078748-103	LTM 2034-1
08752-90139	LTM 6056	4078748-107	LTM 2034
08752-90157	LTM 6057	4078749-1	LTM 2034
103771	LTM 6078	4078749-1	LTM 2034-1
		4078760-1	LTM 2039

FIGURE 7. Paper output - Chapter 2.

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**CHAPTER 2
PART NUMBER TO TECHNICAL ORDER NUMBER**

PART NUMBER	TO NUMBER
B12622108-101	LTM 3186
B12624103-101	LTM 3183
B38224006-101	LTM 2282
B38224006-103	LTM 2282
B38312002-107	LTM 2279
B38432001-101	LTM 2249
B38432012-101	LTM 2247
B38432024-101	LTM 2257
B38432025-105	LTM 2277
B38432036-101	LTM 2276
B38432037-101	LTM 2275
B38432038-101	LTM 2275
B38432039-101	LTM 2275
B38432044-101	LTM 2247
B38434005-107	LTM 2274
B38482003-101	LTM 2252
B38542001-101	LTM 2253
B38612001-107	LTM 2248
B38614008-101	LTM 2224
B38622001-101	LTM 3186
B38664005-105	LTM 2279
BB014838	LTM 2000
BB015273	LTM 2001
DC508 SNB020000	33A1-10-249-1
E1420B-90027	LTM 6052

FIGURE 8. PDF output - Chapter 2.

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APPENDIX A

LOAP TECHNICAL MANUAL MARKUP LANGUAGE TOOLS

A.1 SCOPE

A.1.1 Scope. This appendix describes the standard Air Force (AF) markup language digital tools created for developing and delivering AF Technical Manuals (TMs). These tools are available as subsets in the Digital Support Suites (DSS) provided by the AF Technical Manual Specifications and Standards (TMSS) activity (see [A.2](#)). This appendix is a mandatory part of this detail specification. The information herein is intended for compliance.

A.1.2 Template Tool. The Document Type Definition (DTD) is the primary tool that is used as a template for authoring AF TMs and is based on rules outlined in MIL-HDBK-28001 NOT 2 and ISO 8879. See [A.2.1](#) for information about the DTD specified for this appendix subset.

A.2 DSS

The DSS is comprised of the following tools for authoring and rendering the TM. See [A.3](#) for information about obtaining DSS component files in digital format through the TMSS activity web site. For information about the current status of DSS tools, see [A.3.4](#).

A.2.1 DTD. The DTD provides the structure and content template in accordance with the content specific requirements of this specification (see [3.4](#)). To be delivered digitally, the TM shall be tagged using the applicable DTD provided through the TMSS activity. Information concerning the markup language type and use of DTDs currently provided, i.e., Standardized General Markup Language (SGML), may be obtained through the contacts listed under [A.3](#).

A.2.2 Formatted Output Specification Instance (FOSI). DELETED.

A.2.3 Tag Description Table (TDT). The TDT provides detailed descriptions of the elements contained in the DTD. The TDT contains the element tagging structure, parent elements, full element name, source paragraph, attribute descriptions unique to the element, and entities.

A.3 OBTAINING DSS TOOLS

A.3.1 Obtaining files by users with mil website access. The following applies to those interested in obtaining DSS component files who are on a mil internet domain, having mil web address access.

A.3.1.1 AF TMSS website. DTDs, TDTs, and other files in the DSS can be accessed on the TMSS website at <https://techdata.wpafb.af.mil/tmss/index.html>. On the web page, the “Baseline Tools” menu option in the left pane contains two bulleted options called “Specifications & Digital Support Suites (DSSs)” and “Standards & Digital Support Suites (DSSs)”. Hover the cursor over “Specifications & Digital Support Suites (DSSs)” and a listing of the TMSS specifications will appear. Hover over the desired specification and another drop down list will appear that contains an entry indicating the PDF version of the specification and other entries for the associated appendices. To obtain the preferred subset DTD, select the desired appendix from the list. The following items will appear on the downloading page: The name of the specification, the appendix number and name, the current version of the DSS, buttons to download specific DSS files provided and a “Download” button to download the entire DSS zip file.

A.3.2 Obtaining files by users with a Public Key Infrastructure (PKI) certificate or a Common Access Card (CAC). The following applies to those interested in obtaining DSS component files who have a PKI certificate or a CAC:

A.3.2.1 AF TMSS SharePoint website. DTDs, TDTs, and other files in the DSS can be accessed at the AF TMSS SharePoint website: <https://cs2.eis.af.mil/sites/12316/default.aspx>.

A.3.3 Obtaining files by users without mil access, PKI certificate, or CAC. Those seeking to obtain DSS files who do not have mil web access, a PKI certificate, or a CAC should contact their Government program management office or see [A.3.4](#) to obtain information.

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A.3.4 TMSS Helpdesk assistance. Address any requests relating to the DSS by e-mail to SGMLSUPPORT@us.af.mil (organizational address: Wright-Patterson AFLCMC/HIS-TMSS Help Desk) or by postal mail to Air Force Technical Manual Specifications and Standards, AFMC/AFLCMC/HIS, 4170 Hebble Creek Road, Building 280, Door 15, Wright-Patterson AFB OH 45433-5653.

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CONCLUDING MATERIAL

Custodians:

Air Force - 16

Preparing activity:

Air Force - 16

(Project TMSS 2020-009)

Review activities:

Air Force - 70, 71, 84

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.