

INCH-POUND

MIL-DTL-8031H

11 August 2014

SUPERSEDING

MIL-DTL-8031G

23 September 2010

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



Comments, suggestions, or questions on this document should be addressed to AFLCMC/HIAM 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, the currency of this address information should be verified using the ASSIST Online database at <https://assist.dla.mil/>.

AMSC F9261

AREA TMSS

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This detail 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, referred to throughout this specification as the LOAP. This specification provides for electronic delivery of data through the use of the Document Type Definitions (DTDs) as specified in Appendix A.

1.2 Detail. The level of detail contained in this detail specification is necessary to comply with the requirements of the Joint Computer-aided Acquisition and Life-cycle Support (JCALS) system.

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 standard 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

Manuals, Technical: General Style and Format Requirements

(Copies of these documents are available online at <http://quicksearch.dla.mil/> or 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. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

AIR FORCE TECHNICAL ORDERS

00-5-3

AF TECHNICAL ORDER LIFE CYCLE MANAGEMENT

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 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. See A.3.1 for electronic delivery of this manual (see 6.2b).

Print presentation: (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, Chapters 1 and 2 shall be in double column format (see 6.2c).

Electronic presentation: (Figures 2, 4, 6 and 8.) Page size requirements are N/A. All manuals shall be single column viewable as a scrolling table divided per 3.2.

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Requirements for print and electronic presentations given throughout this specification are as defined in 6.4.

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

Front Matter

Chapter 1 - Technical Manuals

Chapter 2 - Part Number to Technical Order Number

3.2.1 Front matter. Front matter shall be prepared in accordance with the requirements of MIL-STD-38784, except the manual shall not contain a list of illustrations.

3.2.2 Chapter 1 - Technical manuals. This chapter shall include all technical manuals (index type, general and technical, including 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 3.4.

3.2.2.1 Technical manual listings. The listings shall be in alphanumeric sequence, single position at a time (except as specified in 3.2.2.1.1), 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
7. 1* - Basic Aircraft Mission and Non-Standard Vehicle Designators
 - (a) 1A - Attack
 - (b) 1B - Bomber
 - (c) 1C - Cargo/Transport
 - (d) 1E - Special Electronic Installation
 - (e) 1F - Fighter
 - (f) 1G - Glider
 - (g) 1H - Helicopter
 - (h) 1L - Observation
 - (i) 1P - Patrol
 - (j) 1Q - Unmanned Air Vehicles (UAV)
 - (k) 1R - Reconnaissance
 - (l) 1T - Trainer
 - (m) 1U - Utility
 - (n) 1V - VTOL/STOL
 - (o) 1X - Research

b. Category 2 - Airborne Engines and Associated Equipment

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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
- 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

3.2.2.1.1 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.)

3.2.2.2 Column heads. Column headings shall be as follows:

Print presentation:

TO NUMBER	TITLE	TYPE	TO NUMBER	TITLE	TYPE
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Electronic presentation:

TO NUMBER	TITLE	TYPE
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3.2.2.2.1 TO number column. Technical manual identification numbers shall be listed in alphanumeric sequence (see 3.2.2.1). Dates of technical manuals shall not be shown.

3.2.2.2.2 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.

3.2.2.2.3 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.

3.2.3 Chapter 2 - Part number to technical order number. Unless otherwise specified by the acquiring activity, this chapter shall be used (see 6.2d). 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:

Print presentation:

PART NUMBER	TO NUMBER	PART NUMBER	TO NUMBER
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Electronic presentation:

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PART NUMBER	TO NUMBER
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3.3 Changes and revisions. Revisions shall be in accordance with the requirements of MIL-STD-38784.

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

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/A4UE, provides the specific requirements for verification of technical data developed and delivered through 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).

4.1.1 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 electronic delivery of this manual is required (see 3.1).
- c. If manual is single or double column format (see 3.1).
- d. If Chapter 2 - Part number to technical order number is not required (see 3.2.3).
- 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

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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. Within this detail specification, requirements labeled as electronic or print presentation are defined as follows:

- a. Electronic presentation: Specifies requirements that apply to Technical Manual (TM) data that are displayed on an electronic/digital system, such as various kinds of work station computers, laptops, or portable electronic devices. These requirements only apply to technical data composed as linear Electronic TMs (ETMs), i.e., linear structured compositions to be rendered in HyperText Markup Language (HTML) for display in a browser. Requirements for digital nonlinear data, Interactive ETMs (IETMs) or Interactive Electronic Technical Publications (IETPs), are contained in a separate specification.
- b. Print presentation: Specifies requirements that apply only to page-oriented and printed TMs. Print presentation requirements apply overall to PDF TM files, with some exceptions, as determined by the acquiring activity. For example, in the case of references, electronic linking requirements should apply.

6.5 Definitions.

6.5.1 Verification. Verification (section 4), in the context of this specification, equates to the contractor's quality assurance program for validating the content of the manuals. Verification can be accomplished by any one, any combination, or all of the following:

- a. Actual performance. Using production configured equipment, hands-on performance of the procedure using the technical instructions as written.
- b. Simulation. Using production configured equipment and the manual, simulate the actions required by the task steps.
- c. Table top analysis. Primarily for nonprocedural data, compare the technical content to source data to ensure the technical accuracy and depth of coverage.

6.6 Publication titles. Publication titles can be searched for in ETIMS (<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 Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

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FIGURE 1. Print Presentation – Table of Contents

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FIGURE 2. Electronic Presentation – Table of Contents

MIL-DTL-8031H**INTRODUCTION****CONTENTS.**

This list of applicable publications contains a complete listing of Technical Order System Publications applicable to A-10A aircraft. The words "Complete Listing" refer to Technical Orders required at sites, bases, organizational, field and depot level maintenance organizations.

PURPOSE.

The purpose of this technical order is to enable concerned personnel to select and become familiar with publications pertinent to the A-10A aircraft, and to eliminate the need for compilation of similar data by individual service activities. This technical order includes technical orders required for limited technical order files, publications requirement tables, etc.

ARRANGEMENT.

Technical Order Listings. Publications are listed in alpha-numerical order, single position at a time, and under classification headings corresponding to those contained in the Technical Order Numerical indexes. Supplementary data are provided in the format columns to portray publication type and level of accomplishment.

NOTE

Refer to TO (H) series indexes to ascertain the date, status, availability, and security classification of publications listed herein before submitting requisitions.

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.

ALPHA/NUMERICAL SEQUENCE.

Technical Order and Part Number Arrangement. Technical order and part number arrangement in

this publication begin on the extreme left-hand position and continue from left to right, one position at a time, until all alpha numerics are arranged in sequence, except that technical order numbers beginning with the numeral 1 through 9 shall be considered to be preceded by a space. Therefore, TO 9P5-6-1-2 shall be treated as "space 9P5-6-1-2" in order to precede TO 10A1-2-9-1.

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
Numerals	0 through 9

Continuing Order of Precedence. The order of precedence in continuing the alpha/numerics arrangement on the second and succeeding positions 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) (/)	Numerals 0 through 9
Ampersand (&)	

NOTE

Spaces, diagonals, periods, dashes, asterisks, commas, and parentheses do not appear in the extreme left-hand position. However, they are used in the second and succeeding positions and take precedence over letters and numerals as indicated above. See Technical Order and Part Number Arrangement for exception.

FIGURE 3. Print Presentation – Introduction

MIL-DTL-8031H**INTRODUCTION****CONTENTS.**

This list of applicable publications contains a complete listing of Technical Order System Publications applicable to A/OA-10C aircraft. The words "Complete Listing" refer to Technical Orders required at sites, bases, organizational, field and depot level maintenance organizations.

PURPOSE.

The purpose of this technical order is to enable concerned personnel to select and become familiar with publications pertinent to the A/OA-10C aircraft, and to eliminate the need for compilation of similar data by individual service activities. This technical order includes technical orders required for limited technical order files, publications requirement tables, etc.

ARRANGEMENT.

Technical Order Listings. Publications are listed in alpha/numerical order, single position at a time, and under classification headings corresponding to those contained in the Technical Order Numerical indexes. Supplementary data are provided in the format columns to portray publication type and level of accomplishment.

NOTE

Refer to TO 0-1 series indexes to ascertain the date, status, availability, and security classification of publications listed herein before submitting requisitions.

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.

ALPHA/NUMERICAL SEQUENCE.

Technical Order and Part Number Arrangement. Technical order and part number arrangement in this publication begin on the extreme left-hand position and continue from left to right, one position at a time, until all alpha/numerics are arranged in sequence, except that technical order numbers beginning with the numeral 1 through 9 shall be considered to be preceded by a space. Therefore, TO 9P5-6-1-2 shall be treated as "space 9P5-6-1-2" in order to precede TO 10A1-2-9-1.

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

FIGURE 4. Electronic Presentation – Introduction

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CHAPTER 1 TECHNICAL MANUALS

TO NUMBER	TITLE	TYPE	TO NUMBER	TITLE	TYPE
GENERAL TECHNICAL ORDERS			00-20-1	DEPOT LEVEL MAINTENANCE - AEROSPACE VEHICLES AND TRAINING EQUIPMENT	M
(9 CATEGORY)					
0-1-01	NUMERICAL INDEX AND REQUIREMENT TABLE, NUMERICAL INDEX, ALPHABETICAL INDEX, AND CROSS REFERENCE TABLE TECHNICAL ORDERS	I	00-20-5	AIRCRAFT, DRONE, AND AIR LAUNCHED MISSILE INSPECTIONS, FLIGHT REPORTS AND SUPPORTING MAINTENANCE DOCUMENTS	M
0-1-02	NUMERICAL INDEX AND REQUIREMENT TABLE, GENERAL TECHNICAL ORDERS	I	00-20-7	INSPECTION SYSTEM, DOCUMENTATION, AND STATUS REPORTING FOR SUPPORT AND TRAINING EQUIPMENT	M
00-110N-2	RADIOACTIVE WASTE DISPOSAL	I	00-20-9	FORECASTING REPLACEMENT REQUIREMENTS FOR SELECTED CALENDAR TIME CHANGE ITEMS	M
00-105E-9	AIRCRAFT EMERGENCY RESCUE INFORMATION (FIRE PROTECTION)	M			
00-110N-3	REQUISITION, HANDLING, STORAGE AND IDENTIFICATION OF RADIOACTIVE MATERIAL (NON-FUSION PRODUCT)	I	00-20B-5	USAF MOTOR VEHICLE AND VEHICULAR EQUIPMENT INSPECTION	M
00-20-1	PREVENTIVE MAINTENANCE PROGRAM, GENERAL REQUIREMENTS AND PROCEDURES	M	00-25-06-2-2	FIELD MAINTENANCE INSTRUCTIONS, WORK UNIT CODE MANUAL, AEROSPACE GROUND EQUIPMENT	M
00-20-1-1	AIR FORCE METROLOGY AND CALIBRATION PROGRAM	I	00-25-107	ATCL AREA SUPPORT MAINTENANCE ASSISTANCE	M
00-20-2	THE MAINTENANCE DATA COLLECTION SYSTEM	M	00-25-108	COMMUNICATIONS, ELECTRONICS, (C-E) DEPOT SUPPORT	M
00-20-2-2	ON - EQUIPMENT MAINTENANCE DOCUMENTATION FOR AIRCRAFT, AIR LAUNCHED MISSILES, EXCEPT ICBMs, DRONES, AND RELATED TRAINING EQUIPMENT	M	00-25-113	CONSERVATION, SEGREGATION AND DISPOSAL OF CRITICAL ALLOYS AND PRECIOUS METALS	M
00-20-2-4	MAINTENANCE DOCUMENTATION FOR IN-SHOP ENGINE MAINTENANCE	M	00-25-113-A10	CRITICAL ALLOYS AND PRECIOUS METALS, PARTS LIST, A-10A SERIES AIRCRAFT	L
00-20-2-6	ON - EQUIPMENT MAINTENANCE DOCUMENTATION, NUCLEAR ORDNANCE, COMMODITY MANAGEMENT (NOCMD) MATERIEL, REENTRY VEHICLES AND REENTRY SYSTEMS AND RELATED TEST AND HANDLING EQUIPMENT (EXCLUDING NUCLEAR WEAPONS)	M	00-25-113-TE34	CRITICAL ALLOY AND PRECIOUS METALS, PARTS LIST, ENGINE MODEL TE34-GE-100	M
00-20-2-7	ON - EQUIPMENT MAINTENANCE DOCUMENTATION FOR AGE TRAINERS	M	00-25-115	AFLC MAINTENANCE ENGINEERING MANAGEMENT ASSIGNMENTS	M
00-20-3	MAINTENANCE PROCESSING OF REPAIRABLE PROPERTY AND REPAIR CYCLE ASSET CONTROL SYSTEM	M	00-25-172	GROUND SERVICE OF AIRCRAFT AND STATIC GROUNDING/BONDING	M
			00-25-195	SOURCE MAINTENANCE AND RECOVERABILITY CODING OF AIR FORCE WEAPONS, SYSTEMS AND EQUIPMENT	M
			00-25-213	TRANSPORTATION, STORAGE, TESTING, SHELF LIFE AND QUANTITY UNIT PACK REQUISITIONING OF DRY BATTERIES	M

FIGURE 5. Print Presentation – Chapter 1

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CHAPTER 1
TECHNICAL MANUALS

TO NUMBER	TITLE	TYPE
GENERAL TECHNICAL ORDERS (CAT-00-CATEGORY)		
TECHNICAL ORDERS SYSTEM - GENERAL		
00-20-1	Preventive Maintenance Program, General Policy Requirements and Procedures	1
00-20-2	Maintenance Data Documentation	1
00-20-3	Maintenance Processing of Repairable Property and Repair Cycle Asset Control System	1
00-20-9	Forecasting Replacement Requirements for Selected Calendar and Hourly Time Change Items	1
00-20-14-CD-1	Air Force Metrology and Calibration Program (CD ROM)	1
MISCELLANEOUS TECHNICAL ORDERS		
00-25-06-2-1	Maintenance Instructions - Work Unit Code Manual, 412A Survival/Life Support Systems Equipment	IM
00-25-06-2-2	Work Unit Code Manual, Support Equipment	1
00-25-4	Depot Maintenance of Aerospace Vehicles and Training Equipment	1
00-25-107	Maintenance Assistance	1
00-25-108	Communications-Electronics, Depot Support	1
00-25-113	Conservation and Segregation of Critical Alloys and Precious Metal Bearing Parts and Scrap	1
00-25-113-F16CJ	Supplemental - Critical Alloys and Precious Metals Parts List	1
00-25-113-F100F-ENG	Supplemental - Critical Alloys and Precious Metals Parts List - USAF Model F100-PW-100F31, -200, -220, -220F, -229 Aircraft Engines (P&WA)	1
00-25-113-F110J29-ENG	Supplemental - Critical Alloys and Precious Metals Parts List - Turbofan Engine, Model F110-J29 (General Electric)	1
00-25-172	Ground Servicing of Aircraft and Static Grounding/Bonding	1
00-25-195	Source, Maintenance, and Recoverability Coding of Air Force Weapons, Systems, and Equipment	1
00-25-200	Use of Parts Kit	1
00-25-203	Contamination Control of Aerospace Facilities	1
00-25-213	Transportation, Storage, Testing, Shelf Life, and Quantity Unit Pack Requisitioning of Dry Batteries	1
00-25-223	Integrated Pressure Systems and Components (Portable and Installed)	1
00-25-224	Welding High Pressure and Cryogenic Systems	1
00-25-229	Valves and Regulator Criteria for Integrated Pressure System (Portable and Installed)	1
00-25-232	Control and Use of Insulating Matting for High-Voltage Applications (ATOS)	1
00-25-234	General Shop Practice Requirements for the Repair, Maintenance, and Test of Electrical Equipment (ATOS)	1
00-25-237	Procedures for Identifying and Justifying Base Requirements for Aircraft Turbine Engine Ground Run-Up Noise Suppressors	1

FIGURE 6. Electronic Presentation – Chapter 1

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CHAPTER 2

EQUIPMENT PART NUMBER TO TECHNICAL MANUAL NUMBER

PART NUMBER	TO NUMBER	PART NUMBER	TO NUMBER
A/A37A-TZ	33DS-60-922, -4-2	ABU-15 A, -20A	5F8-8-14-3
A/A37A-T1	33DS-60-9-1, -4	ABU-1 A, -4A-A	5F2-28-13, -14, -32
	11A15-1-347	AD-800	34Y1-211-4
	21M-AGM65A-6	ADU-328 E	35D-1-281
A/A37A-T3 T4 T6 T6A T*	33DS-60-9-2, -4-1	ADU-329 E	35D-1-281
A/A37A-T5	33DS-60-9-2, -3-1	ADU-330 E	35D-1-281
A A37A-T6 T6A T*	33DS-60-9-2	ADU-491 E	33D9-19-69-1
A/E24C-10	35C3-2-57-1, -4	ADU-60 E	35-1-202
A/E35C-3	33A6-7-24-1, -4	AD30257-1	33D3-31-6-1
A/E37A-T32	21M-AGM65A-2-1	AD32449-1, -2	33D2-39-19-1
A/M-32M-18	35D3-41-5-1	AD32680-1	33D2-34-15-1
A/M32A-60	35C2-3-372-1, -3, -4	AD33201-1	33DA21-274-1
A/M32A-60A	35C2-3-372-11, -3, -4, -5, -13, -14	AE-A019-452, -453	91E3-3-95-3
A/M32M-18	35D2-41-5-1	AF M32T-1	33A 4-1-20-1, -4
A/M37T-16, -60*	33D4-6-212-21	AF M24T3	33A 4-4-26-1, -4
A/SU32-18	36A10-3-10-1, -3, -4	AF07878-71361	35D-1-281
A-1	33AA7-6-1, -11, -14, -21, -24, -31	AGM-65A/B	35D-1-281
	33DS-3-3-11, -4		21M-AGM65A-2-1, -4
	1481-1-1		11G1-3-20-3-2
A-20A A	11B29-3-28-1	AGM-65A, B	21M-AGM65A-101
A-303-50T, -50T-1	91H-2-20-3		33D9-111-24-7
A-338A	33A7-1-3-11, -14		33D7-88-6-1
A-6	35A2-2-39-1, -11, -14, -4	AGM-65A, B, C	21M-AGM65A-A-01, 11A15-1-347
A-8	49B2-4-1	AGM-65B	11G1-3-20-3-8
AAU-19 A	5F3-3-15-13, -14, -22	AGU-3 A	5P3-4-62-13
AAU-19A A	5F3-3-15-22, -33, -34	AG31	5J5-3-20-13, -32
AAU-3A/A	5F3-2-7-13, -14	AHT-55	33A2-2-31-1, -3, -4
AAU-34 A	5F3-3-28-3, -4	ALL-278-001	33A1-17-89-21
AAU-34 A, AAU-37 A	5F3-3-28-2	AM-6854-ASN-129	5A3-60-3
AAU-37 A	5F3-3-28-3, -4	AM-6974 ALR-69	12P3-2ALR69-68-1
AAU-9A	5F8-9-12-3, -4	AM6639-ALR-46(V)	12P3-2ALR46-12, -13, -14
AA53	33AA22-14-1	AN-AAS-35	11F50-4-2-2, -3, -4-4-1
*ABK-17 A37J-8	5F26-2-8-1	AN-AAS-35(V)	11F3-6-3-8-14-1
ABU-41 A	5N11-2-11-13, -33		

FIGURE 7. Print Presentation – Chapter 2

MIL-DTL-8031H**CHAPTER 2****EQUIPMENT PART NUMBER TO TECHNICAL MANUAL NUMBER**

TO Number	Title
GENERAL AIRCRAFT TECHNICAL ORDERS FLIGHT CREW CHECKLIST	
1-1C-1-35CL-1	Pilot's Air Refueling Procedures Abbreviated Flight Crew Checklist (McDonnell Douglas Aerospace Transport Aircraft)
1C-17A-1CL-1	Flight Manual - Pilot's Abbreviated Flight Crew Checklist (McDonnell Douglas Aerospace Transport Aircraft)
1C-17A-1CL-1-1	Flight Manual - Pilot's Fanfold Checklist (McDonnell Douglas Aerospace Transport Aircraft)
1C-17A-1CL-2	Flight Manual - Loadmaster's Abbreviated Flight Crew Checklist (McDonnell Douglas Aerospace Transport Aircraft)
1C-17A-1-4CL-1	Flight Manual - Pilot's Airdrop Briefing Guides and Checklists (McDonnell Douglas Aerospace Transport Aircraft)
1C-17A-4CL-1-1	Flight Manual - C-17A Pilot's Airdrop Fanfold Checklist (McDonnell Douglas Aerospace Transport Aircraft)
1C-17A-4CL-2	Flight Manual - Loadmaster's Airdrop Checklist (McDonnell Douglas Aerospace Transport Aircraft)
1C-17A-5-1	Sample Basic Weight Checklists (McDonnell Douglas Aerospace Transport Aircraft)
1C-17A-5-2	Loading Data (McDonnell Douglas Aerospace Transport Aircraft)
1C-17A-6CF-1	Flight Manual - Acceptance and Functional Check Flight Procedures (McDonnell Douglas Aerospace Transport Aircraft)
1C-17A-6CL-1	Flight Manual - Acceptance and Functional Check Flight Checklist (McDonnell Douglas Aerospace Transport Aircraft)
1C-17A-16-1CL-1	Checklist - Loading and Air Transport of Nuclear Weapon Cargo (Nonpalletized) USAF Series C17A Acft (McDonnell Douglas Aerospace Transport Aircraft)
1C-17A-33-1-2-1CL-1	Organizational Maintenance - Checklist - AN/ALE-47(V) Countermeasures Dispenser System (McDonnell Douglas Aerospace Transport Aircraft)
INSPECTION WORKCARDS	
1C-17A-6WC-1	Organizational Maintenance - Preflight, Thruflight, Postflight, and Combined Preflight and Postflight Workcards (McDonnell Douglas Aerospace Transport Aircraft)

FIGURE 8. Electronic Presentation – Chapter 2

MIL-DTL-8031H**APPENDIX A****LOAPS TECHNICAL MANUAL
TAGGED LANGUAGE TOOLS****A.1 SCOPE.**

A.1.1 Scope. This appendix describes the standard Air Force (AF) tagged 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-PRF-28001 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 3.2). To be delivered digitally, the TM shall be tagged using the applicable DTD provided through the TMSS activity. Information concerning the tagged 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). The FOSI provides formatting for each element of an SGML tagged instance for rendering as a page-oriented document. It contains formatting information that conforms to the content specific requirements of this specification. NOTE: The FOSIs offered by the TMSS activity are written to be used with a specific document composition engine, i.e., DL Composer™, available for use on the AF JCALS.

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 web site 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 web site. DTDs, TDTs, and other files in the DSS can be accessed at the TMSS web site at <https://techdata.wpafb.af mil/tmss/index.html>. On the web page, the “Baseline” menu option in the left pane contains three bulleted options called “Specifications”, “Standards”, and “Handbooks”. Hover the cursor over “Specifications” and a listing of the TMSS specifications will appear. Hover over the desired specification number 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 (see <http://iase.disa.af mil/pki-pke/index.html> for information on PKI and CAC access requirements).

A.3.2.1 AF TMSS SharePoint web site. DTDs, TDTs, and other files in the DSS can be accessed at the AF TMSS SharePoint web site: <https://cs3.eis.af mil/sites/OO-LG-MC-38/default.aspx>.

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APPENDIX A

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 AF Program Management Office (PMO) or see [A.3.4](#) to obtain information.

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/HIAM_AF TMSS HLPDSK) or by postal mail to Air Force Technical Manual Specifications and Standards, AFMC/AFLCMC/HIAM, 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 2014-007)

Review activities:

Air Force - 70, 71, 84, 99

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>.