

**NOT MEASUREMENT
SENSITIVE**

**MIL-PRF-8031F(USAF)
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PERFORMANCE SPECIFICATION

LIST OF APPLICABLE PUBLICATIONS (LOAP) - PREPARATION

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 performance specification covers the detail requirements for the preparation of the list of publications, referred to throughout this specification as the LOAP. In addition to "paper" delivery, this specification provides for electronic delivery of data through the use of the Document Type Definition (DTD) contained in Appendix A.

1.2 Detail. The level of detail contained in this performance specification is necessary to comply with the requirements of the Continuous Acquisition and Life-cycle Support (CALS) 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 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 sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government documents.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Det 2, HQ ESC/AV-2, 4027 Col Glenn Hwy, Suite 300, Dayton, OH 45431-1672, by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

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AREA TMSS

Distribution Statement A. Approved for public release; distribution is unlimited.

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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 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).

STANDARDS

DEPARTMENT OF DEFENSE

MIL-STD-38784 - Manuals, Technical: General Style and Format Requirements

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

2.3 Order of precedence. In the event of a conflict between the text of this specification 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 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 6.2). The contractor shall use the DTD in Appendix A for electronic delivery of this manual (see 6.2).

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 consist of a title page, list of effective pages, verification status page (when applicable), table of contents (see Figure 1), and foreword (see Figure 2), in accordance with the requirements of MIL-STD-38784.

3.2.2 Chapter 1 - Technical manuals. This chapter shall include all technical manuals (index type, general and technical, including checklists, inspection workcards, 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 (see Figure 3). The listings shall be in alphanumeric sequence, single position at a time (except as specified in 3.2.2.1.1), and under main series and subseries 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-

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TF39-2" in order to precede TO 11A15-1-2. The main series headings used shall conform to the titles of the applicable numerical indexes (see 6.4). The subseries headings used shall be those applicable in the current issue of the various numerical indexes. Examples of main series and subseries headings are:

a. Aircraft Publications (1- Category)

- (1) General Aircraft
- (2) General Engineering Manuals
- (3) Weight and Balance
- (4) Air Refueling
- (5) Maintenance Analysis and Structural Integrity Information System
- (6) Aircraft Battle Damage Repair
- (7) Bomber Aircraft; Cargo/Transport Aircraft and Special Electronic Aircraft; Fighter Aircraft; Attack, Helicopter, Observation, Trainer, and Utility Aircraft

b. Airborne Engines and Associated Equipment Publications (2- Category)

- (1) General Aircraft Engines
- (2) Gas Turbine Engines
- (3) Jet Engines
- (4) Booster and Rocket Engines
- (5) Reciprocating Engines

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

- (1) Fuel and Oil Handling Equipment
- (2) Propellant Storage and Handling Equipment
- (3) Associated Equipment

d. Automatic Test Systems (51- Category)

- (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 (see Figure 3). Column headings shall be as follows:

TO NUMBER	TITLE	TYPE	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 contained in the applicable numerical indexes (see 6.5), 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 foreword (see Figure 2). 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 (see Figure 4). Unless otherwise specified by the acquiring activity, this chapter shall be used (see 6.2). 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:

PART NUMBER	TO NUMBER	PART NUMBER	TO NUMBER
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3.3 Changes and revisions. Changes and 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. Unless otherwise specified in the contract or purchase order:

- a. Validity of the accuracy and scope of the LOAP manuals, the technical content, and user interface functionality shall be the responsibility of the contractor (see 6.3.1).
- b. The contractor shall provide suitable facilities to perform the validation functions specified herein.
- c. The contractor's existing quality assurance (QA) procedures shall be used.
- d. The Government reserves the right to review any of the verifications when such reviews are deemed necessary to ensure supplies and services conform to the prescribed contractual requirements.

4.1.1 Minimum verification requirements. As a minimum, verification shall ensure the following:

- a. Suitability of the LOAP manuals for the intended environment.

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- b. Usability by the intended users.
- c. Compatibility with other government systems.

4.1.2 **Compliance.** All LOAP manuals shall meet all of the requirements of sections 3 and 5 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 6.2). When actual packaging of material is to be performed by DOD personnel, 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.** 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. Issue of the DODISS to be cited in the solicitation, and if required, the specific issue of individual documents referenced (see 2.2.1, 2.2.2).
- c. If Chapters 1 and 2 are to be in other than double column format (see 3.1).
- d. If electronic delivery of this manual is required (see 3.1).
- e. If Chapter 2 - Part number to technical order number is not required (see 3.2.3).

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- f. Packaging requirements (see 5.1).

6.3 Definitions. To clarify the terms used throughout this specification, the following definitions are given:

6.3.1 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. Suggested validation methods include:

- 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.

6.4 Numerical indexes. The applicable numerical indexes are listed in TO 0-1-01 (see 3.2.2.1).

6.5 Publication titles. Publication titles are contained in TO 0-1-01 and -02, 0-1-1-1 through -5, and 0-1-2 through -51 (see 3.2.2.2.2).

6.6 Technical manuals. The requirement for technical manuals should be considered when this specification is applied to 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 (AMSDEL) 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 a separate contract line item in the contract.

6.7 Subject term (key word) listing.

LOAP

Publications, List of Applicable

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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TO 1X-XXX-01

TABLE OF CONTENTS

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FOREWORD	ii	14- Deceleration Devices, Personal, and Survival Equipment Publications	1-36
1 TECHNICAL ORDERS	1-1	15- Aircraft and Missile Temperature Control, Pressurizing, Air Conditioning, Heating, Ice Eliminating, and Oxygen Equipment Publications	1-37
0- Index Type Publications	1-1	16- Airborne Mechanical Equipment Publications	1-39
00- General Technical Orders	1-1	21- Guided Missiles Publications	1-42
1- Aircraft Publications	1-1	22- Aerospace Vehicles Publications	1-46
2- Airborne Engines and Associated Equipment Publications	1-6	32- Standard and Special Tools Publications	1-47
4- Aircraft Landing Gear Publications	1-10	33- Test Equipment Publications	1-49
5- Airborne Instruments Publications	1-12	42- Coating, Cleaning, and Sealing Compounds and Fuels, Gases, Lubricants, Chemicals, and Materials Publications	1-52
6- Aircraft and Missile Fuel Systems Publications	1-16	44- Common Hardware Equipment Publications	1-54
7- Airborne Engine Lubricating Systems Publications	1-18	49- Optical Instruments, Timekeeping, and Navigation Equipment Publications	1-56
8- Airborne Electrical Systems Publications	1-19		
9- Aircraft and Missile Hydraulic, Pneumatic, and Vacuum Systems Publications	1-21	2 EQUIPMENT PART NUMBER TO TECHNICAL MANUAL NUMBER	2-1
11- Armament Equipment Publications	1-23		
12- Airborne Electronic Equipment Publications	1-28		
13- Aircraft Furnishings and In-Flight Feeding Equipment, Cargo Loading, Aerial Delivery and Recovery Equipment, Aircraft Fire Detection and Extinguishing Equipment Publications	1-35		

FIGURE 1. Example table of contents.

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TO 1E-3A-01

FOREWORD

1. CONTENTS.

This list of applicable publications contains a complete listing of technical order system publications applicable to the E-3A aircraft. 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.

2. PURPOSE.

The purpose of this technical order is to enable concerned personnel to select and become familiar with publications pertinent to the E-3A. 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.

3. ARRANGEMENT.

3.1 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.

NOTE

Before submitting a requisition, refer to TO 0-1-series indexes to ascertain the date, status, availability, and security classification of publications listed herein.

3.2 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.

4. ALPHANUMERICAL SEQUENCE.

4.1 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 6J12-9-13 shall be treated as TO space 6J12-9-13 in order to precede TO 11A2-5-2-7.

4.2 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

4.3 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 (&)	

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. Refer to paragraph 4.1 for exception.

4.4 Sample List. The following sample list of technical orders and part numbers is in the arrangement that will be followed in this publication:

TO NOS.	PART NOS.
1E-3A-2-110-1	TYPE AN/APM-67
1E-3A-10	TYPE AN/APM-129
1E-3A-36	50C7023-9
9H8-14-17-3	50C7023-11
9H8-14-169-4	50C7023-12

5. EXPLANATION OF SYMBOLS USED.

The following letters and abbreviations are used in this technical order:

CM	Commercial Manual
D	Depot
I	Informative
IM	Intermediate Maintenance
IN	Index
M	Manual
M-W	Manual in which Winterization Instructions are included
OI	Organizational/Intermediate
OM	Organizational Maintenance
PM	Preliminary Manual

6. UPDATES.

Recommendations proposing changes to this manual should be submitted on AFTO Form 22 in accordance with TO 00-5-1.

FIGURE 2. Example foreword.

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TO 1B-52G-01					
CHAPTER 1					
TECHNICAL MANUALS					
TO NUMBER	TITLE	TYPE	TO NUMBER	TITLE	TYPE
INDEX-TYPE PUBLICATIONS (0- CATEGORY)			1-1-26	AIRCRAFT/STORES COMPATIBILITY	M
0-1-SERIES	NUMERICAL INDEX/ALPHABETICAL INDEX AND CROSS-REFERENCE TABLE	IN	1-1-300	ACCEPTANCE/FUNCTIONAL CHECK FLIGHT AND MAINTENANCE OPERATIONAL CHECKS	I
0-2-1	ALPHABETICAL INDEX-ALPHABETICAL LISTING OF EQUIPMENT TO TECHNICAL PUBLICATIONS NO. GROUPS	IN	1-1-312	USE OF HIGH PRESSURE AIR AND NITROGEN - ALL AIRCRAFT	I
0-4-2	CROSS-REFERENCE OF TIME COMPLIANCE TECHNICAL ORDERS AND OVERHAUL CHANGE NUMBERS TO APPLICABLE DATA CODE NUMBERS	IN	1-1-638	EXPEDITIOUS REPAIR AND DISPOSAL OF AEROSPACE VEHICLES	I
			1-1-641	MINIMUM EQUIPMENT REQUIREMENTS FOR OVER WATER, ARCTIC, AND DESERT - TROPIC FLIGHTS	M
			1-1-655	RESTRICTED USE OF HIGH POTENTIAL VOLTAGE TESTING APPARATUS ON AIRCRAFT CONTAINING FUEL	I
GENERAL TECHNICAL ORDERS (00- CATEGORY)			GENERAL ENGINEERING MANUALS		
00-5-SERIES	TECHNICAL ORDER SYSTEMS - GENERAL	I	1-1A-1	ENGINEERING HANDBOOK SERIES FOR AIRCRAFT REPAIR - GENERAL MANUAL FOR STRUCTURAL REPAIR	M
00-20-SERIES	MAINTENANCE MANAGEMENT SYSTEM - GENERAL	I	1-1A-8	ENGINEERING MANUALS SERIES - AIRCRAFT AND MISSILE-STRUCTURAL HARDWARE	M
00-25-SERIES	MISCELLANEOUS TECHNICAL ORDERS - GENERAL	I	1-1A-9	ENGINEERING SERIES FOR AIRCRAFT REPAIR, AEROSPACE METALS - GENERAL DATA AND USAGE FACTORS	M
00-25-06-SERIES	WORK UNIT CODE MANUAL	I	1-1A-11	ENGINEERING MANUAL SERIES FOR AIRCRAFT REPAIR - FABRIC REPAIR AND DOPING	I
00-35-SERIES	ADMINISTRATIVE TECHNICAL ORDERS - GENERAL	I	1-1A-12	ENGINEERING MANUAL SERIES FOR AIRCRAFT REPAIR - FABRICATION, MAINTENANCE, AND REPAIR OF TRANSPARENT PLASTICS	M
00-60-SERIES	ARCTIC, DESERT, AND TROPIC TECHNICAL ORDERS (AERONAUTICAL AND GROUND EQUIPMENT) - GENERAL	I	1-1A-14	INSTALLATION PRACTICES FOR AIRCRAFT ELECTRIC AND ELECTRONIC WIRING	I
00-85-SERIES	PROTECTIVE PACKAGING AND PRESERVATION PACKAGING - GENERAL	I			
00-110-SERIES	SPECIAL WEAPONS DEFENSE AND NUCLEAR APPLICATIONS, MONITORING, HANDLING, DISPOSAL, AND DECONTAMINATION - GENERAL	I			
AIRCRAFT PUBLICATIONS (1- CATEGORY)			WEIGHT AND BALANCE		
1-1	TCTO SERIES	I	1-1B-40	WEIGHT AND BALANCE DATA	M
1-1-1	CLEANING OF AEROSPACE EQUIPMENT	I	AIR REFUELING		
1-1-2	CORROSION PREVENTION AND CONTROL FOR AEROSPACE EQUIPMENT	I	1-1C-1	FLIGHT MANUAL - BASIC FLIGHT CREW AIR REFUELING PROCEDURES	M
1-1-3	PREPARATION, INSPECTION, AND REPAIR OF AIRCRAFT FUEL, OIL, AND WATER	M	1-1C-1-3	FLIGHT MANUAL - FLIGHT CREW AIR REFUELING PROCEDURES - B-52	M
1-1-4	ALCOHOL CELLS AND INTEGRAL TANKS EXTERIOR FINISHES, INSIGNIA, AND MARKINGS APPLICABLE TO USAF AIRCRAFT	M	1-1C-1-5	FLIGHT MANUAL - FLIGHT CREW AIR REFUELING PROCEDURES - B-52B, F (WITH KC-135)	M
1-1-5	ABRASIVE BLASTING METHOD CLEANING AND CORROSION REMOVAL	I	1-1C-1-15	FLIGHT MANUAL - FLIGHT CREW AIR REFUELING PROCEDURES-B-52G, H (WITH KC-135 SERIES)	M
1-1-6	DISPOSITION OF EQUIPMENT SUBMERGED IN WATER	I	BOMBER AIRCRAFT		
1-1-7	UTILIZATION OF CARTRIDGE PNEUMATIC STARTERS - ALL AIRCRAFT USING APPLICABLE EQUIPMENT	M	1B-52-8	LOCATION AND APPLICATION- EXTERIOR STENCILS-B-52A, B, C, D, E, F, G, H	M
1-1-8	APPLICATION AND REMOVAL OF ORGANIC COATINGS, AEROSPACE, AND NON-AEROSPACE EQUIPMENT	M	1B-52-38	ORG. INT, DEP MAINT INSTRUCTIONS A/C STRUCTURAL INTEGRITY	M
1-1-17	STORAGE OF AIRCRAFT AND MISSILE SYSTEMS	M	1B-52-101	IMPLEMENTATION OF B-52 AIRCRAFT USAGE REPORT	I
1-1-19	INSPECTION, TEST, AND REPLACEMENT OF VIBRATION ISOLATORS ON EQUIPMENT IN AIRCRAFT	M	1B-52A-01	LIST OF APPLICABLE PUBLICATIONS - USAF SERIES, B-52 AIRCRAFT AND EQUIPMENT	M
1-1-24	MAINTENANCE, REPAIR, AND ELECTRICAL REQUIREMENTS FOR FIBERGLASS AIRBORNE RADOMES	I	1B-52A-17	STORAGE OF AIRCRAFT, B-52 AIRCRAFT	M
1-1-24-1	MAINTENANCE, REPAIR, AND ELECTRICAL REQUIREMENTS FOR FIBERGLASS AIRBORNE RADOMES (CONF) (TITLE UNCLASS) - B-52, F-106	I	1B-52B-06	AIRCRAFT MAINTENANCE - WORK UNIT CODE MANUAL -B-52B THROUGH H	M
			1B-52B-1-2	FLIGHT MANUAL - PERFORMANCE DATA B-52B, B-52C, B-52D, B-52E AIRCRAFT	M
			1B-52B-1-5	GUNNERS IN-FLIGHT OPERATION INSTRUCTIONS - MD-9 FCS-B-52B THROUGH B-52F	M

1-1

FIGURE 3. Example chapter 1 pages

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TO 1B-52G-01

CHAPTER 1
TECHNICAL MANUALS

T O NUMBER	TITLE	TYPE	TO NUMBER	TITLE	TYPE
FIRE CONTROL SYSTEMS AND EQUIPMENT - CONTINUED			11F68-22-3	OVERHAUL INSTRUCTIONS WITH PARTS BREAKDOWN SOLENOID VALVE, PART NO. 1371-59942-, ES2182-01, -01A01 (PARKER AIRCRAFT) - B-52H	M
11F8-3-7-2	FIELD MAINTENANCE INSTRUCTIONS- AMMUNITION BOX ASSEMBLY, PART NO. 581540-303, -305 (EMERSON) - B-52H	M	11F68-23-3	OVERHAUL INSTRUCTIONS WITH PARTS BREAKDOWN SOLENOID ACTUATED POPPET SHUTOFF VALVE, PART NO. 144925 (WHITTAKER CONTROLS) - B-52	M
11F8-3-7-3	OVERHAUL INSTRUCTIONS- (SAME AS TO 11F8-3-7-2)	M	11F68-23-13	OVERHAUL INSTRUCTIONS WITH PARTS BREAKDOWN - SOLENOID ACTUATED SLEEVE SELECTOR VALVE, PART NO. 1449325 (WHITTAKER CONTROLS) - B-52	M
11F8-3-7-4	ILLUSTRATED PARTS BREAKDOWN - (SAME AS TO 11F8-3-7-2)	M	11F72-2-3-3	OVERHAUL INSTRUCTIONS WITH PARTS BREAKDOWN, EJECTION DOOR ACTUATING MECHANISM, PART NO. 596790-1 (EMERSON) - B-52H	M
11F8-4-14-3	OVERHAUL INSTRUCTIONS - JUNCTION BOXES, PART NO. 7705047G1 AND 775048G1 (GENERAL ELECTRIC)	M	11F74-2-2-3	OVERHAUL INSTRUCTIONS - CONTROL HANDLE, PART NO. 2-0004-056 (ARMA-BOSCH) - B-52G	M
11F8-4-14-4	ILLUSTRATED PARTS BREAKDOWN - (SAME AS TO 11F8-4-14-3)	M	11F74-2-2-4	ILLUSTRATED PARTS BREAKDOWN - (SAME AS TO 11F74-2-2-3)	M
11F60-2-2-4	ILLUSTRATED PARTS BREAKDOWN - LINE OF SIGHT POINTER, PART NO. 98012 (AMERICAN BOSCH ARMA CORP)	M	11F88-2-13	OVERHAUL INSTRUCTIONS WITH PARTS BREAKDOWN MANIFOLD ASSEMBLY, PART NO. 2-00025-112 (ARMA)	M
11F61-2-2-13	OVERHAUL INSTRUCTIONS - CONTROL COLUMN, PART NO. 737679, 737680 (AMERICAN BOSCH)	M	11F90-4-3	OVERHAUL INSTRUCTIONS - SPEED DECREASER GEAR ASSEMBLY, PART NO. 581728-301 (EMERSON) - B-52H	M
11F61-2-2-14	ILLUSTRATED PARTS BREAKDOWN - (SAME AS TO 11F61-2-2-13)	M	11F90-4-4	ILLUSTRATED PARTS BREAKDOWN - (SAME AS TO 11F90-4-3)	M
11F68-4-3	OVERHAUL INSTRUCTIONS - AIR PRESSURE REGULATOR, PART NO. 101100-2, -2A, -2B, -8 (WALLACE O. LEONARD)	M	11F92-2-3	OVERHAUL INSTRUCTIONS WITH PARTS BREAKDOWN, PART NO. 890442, PRESSURE REDUCER AND AIR BOTTLE (KIDDE)	M
11F68-4-4	ILLUSTRATED PARTS BREAKDOWN - (SAME AS TO 11F68-4-3)	M	HAZARD DETECTING EQUIPMENT		
11F68-5-3	OVERHAUL INSTRUCTIONS WITH PARTS BREAKDOWN - REVERSE FLOW CHECK VALVE, PART NO. 155000-2 (WALLACE O. LEONARD)	M	11H5-10-1	OPERATION AND SERVICE INSTRUCTIONS - COMBUSTIBLE GAS ALARM, PORTABLE, MODELS 05CGA, 06CGA, 07CGA, 08CGA, STATIONARY, WALL MOUNTED, MODELS 05GAW, 07CGAW, 08CGAW (ERDCO ENGINEERING) - B-52	M
11F68-15-3	OVERHAUL INSTRUCTIONS - SOLENOID VALVE, PART NO. ES2181-01, -01A01, -01A03, PC-449F, -4491 (CADILLAC GAGE) - B-52H	M	11H5-10-4	ILLUSTRATED PARTS BREAKDOWN - PORTABLE COMBUSTIBLE GAS ALARM MODEL 07CGA AND STATIONARY WALL MOUNTED COMBUSTIBLE GAS ALARM MODEL 07CGAW - B-52	M
11F68-15-4	ILLUSTRATED PARTS BREAKDOWN - (SAME AS TO 11F68-15-3)	M	LAUNCHERS AND EQUIPMENT		
11F68-16-3	OVERHAUL INSTRUCTIONS WITH PARTS BREAKDOWN, HYDRAULIC LIMIT VALVE, PART NO. 135359887D, ES2187-01, 01A01, 144925 (WHITTAKER CONTROLS) - B-52H	M	11L1-2-21-1	OPERATION AND MAINTENANCE INSTRUCTIONS - SRAM LAUNCHER P/N 675-12361-602 AND 675-12361-605 (BOEING MAC) - B-52G/H	M
11F68-17-3	OVERHAUL INSTRUCTIONS WITH PARTS BREAKDOWN - SOLENOID VALVE, PART NO. 144935ES2186-01, -01A01 (WHITTAKER CONTROLS) - B-52H	M	11L1-2-21-6	ILLUSTRATED PARTS BREAKDOWN - (SAME AS TO 11L1-2-21-1)	M
11F68-18-3	OVERHAUL INSTRUCTIONS WITH PARTS BREAKDOWN-SOLENOID VALVE, PART NO. ES2187-01, 01A01, 144925 (WHITTAKER CONTROLS)	M	11L1-4-2-2	FIELD MAINTENANCE INSTRUCTIONS - COUNTERMEASURES EQUIPMENT DISPENSING SET, TYPE AN/ALE-25 (BOEING) - B-52H	M
11F68-19-3	OVERHAUL INSTRUCTIONS - SOLENOID VALVE, PART NO. EA50279-1, ES2191-01, -01A01, 01A02 (VICKERS) - B-52H	M	11L1-4-2-4	ILLUSTRATED PARTS BREAKDOWN - (SAME AS TO 11L1-4-2-2)	M
11F68-19-4	ILLUSTRATED PARTS BREAKDOWN - (SAME AS TO 11F68-19-3)	M	11L3-3-6-2	PRELIMINARY - FIELD MAINTENANCE INSTRUCTIONS - CONTROL AND DISPLAY PANELS, AGM-69A, MISSILE CARRIER EQUIPMENT, PART NO. 2A144024A-101-11 (BOEING) - B-52	M
11F68-19-13	OVERHAUL INSTRUCTIONS - SOLENOID VALVE, PART NO. H59B0048, H59B0048M1, H59B0048M2, ES2191-01, -01801, -01802, -01803 (PARKER AIRCRAFT) - B-52H	M	11L3-3-6-4	ILLUSTRATED PARTS BREAKDOWN (SAME AS TO 11L3-3-6-2)	M
11F68-19-14	ILLUSTRATED PARTS BREAKDOWN - SOLENOID PART NO. H59B0048, ES2191-01801, H59B0048M1, ES2191-01802, H59B0048M2, ES2191-01803 (PARKER AIRCRAFT) - B-52H AIRCRAFT	M	11N-H5052-2	OPERATION AND MAINTENANCE INSTRUCTIONS - MUNITIONS LIFT TRAILER MHU-173/E (AAI CORP) - B-52G	M
11F68-20-3	OVERHAUL INSTRUCTIONS WITH PARTS BREAKDOWN, TEMPERATURE SENSITIVE DIRECTIONAL CONTROL VALVE, PART NO. 145195-1, ES2231-01, -01A01 (WHITTAKER CONTROLS) - B-52H AIRCRAFT	M			

1-49

FIGURE 3. Example chapter 1 pages - Continued.

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CHAPTER 2				TO 1E-3A-01	
EQUIPMENT PART NUMBER TO TECHNICAL MANUAL NUMBER					
PART NUMBER	TO NUMBER	PART NUMBER	TO NUMBER		
A-1	33AA7-6-21 33AA7-6-24	AF/M27M-1	35AA2-3-5-1 35AA2-3-5-3 35AA2-3-5-4 35AA2-3-5-11 35AA2-3-5-13 35AA2-3-5-14 35A2-4-6-11 35A2-4-6-13 35A2-4-6-14		
A/A37D-1	1E-3A-18				
A/E7T-25	33AA17-138-1 33AA17-138-4	AF/M32R-3	35D3-6-27-11		
A/E24U	35C3-2-57-1 35C3-2-57-4				
A/E37T-25	33AA17-138-1 33AA17-138-4	AF/37A-T4-5	35C1-4-1-102		
A/F37A-T72	43D3-10-2-1-1 THRU 43D3-10-2-1-7 43D3-10-2-1-8-1 THRU 43D3-10-2-1-8-3 43D3-10-2-1-9-1 THRU 43D3-10-2-1-9-6 43D3-10-2-1-9-8 43D3-10-2-4-1 THRU 43D3-10-2-4-9 43D3-10-2-6 43D3-10-2-43 43D3-10-2-73 43D3-10-2-508 43X5-18-16-3 43X43-19-3 43X55-2-3	AHT-55	33A2-2-31-1 33A2-2-31-3 33A2-2-31-4		
		AHT-56	33A2-2-31-11 33A2-2-31-13 33A2-2-31-14		
		AHT-56A	33A2-2-24-21 33A2-2-24-23 33A2-2-24-24		
A/M32A-60	35C2-3-372-1 35C2-3-372-3 35C2-3-372-4 35C2-3-372-522 35C2-3-372-526	AHT-56B	33A2-2-27-11 33A2-2-27-13 33A2-2-27-14		
A/M32A-60A	35C2-3-372-11 35C2-3-372-14 35C2-3-372-522 35C2-3-372-526	AI-903M	5F8-3-35-2 5F8-3-35-3 5F8-3-35-4		
AAU-19/A	5F3-3-15-13 5F3-3-15-14 5F3-3-15-22	ALL-278-001	33A1-7-89-21		
AAU-19A/A	5F3-3-15-22 5F3-3-15-33 5F3-3-15-34	AM-624/ARA-50	51R1-2-3-2 51R1-2-3-18-1		
AAU-27/A	5F3-3-19-2 5F3-3-19-3 5F3-3-19-4	AM-6672/A	12R2-2A-223		
ABU-8/A	5F2-17-3 5F2-17-4	AM-6808/APY-1	12P2-2APY1-2-1		
ABU-11/A	5N11-2-11-33	AN/AIM-5	33D7-4-54-1 33D7-4-54-4		
AC-4700	34Y1-87-31 34Y1-87-33 34Y1-87-34	AN/APM-123(V)1,(V)2,(V)3	33A1-3-367-1 33A1-3-367-34		
ACE-233-002	35-1-251-1	AN/APM-217	33D7-44-77-1 33D7-44-77-4		
ACE-406-322	35E9-168-11 35E9-168-14	AN/APM-239A	33A1-3-358-24		
ACE-406-329	35E9-207-1 35E9-207-4	AN/APM-401	33D7-36-35-1 33D7-36-35-1-1 33D7-36-35-4		
ACE-410-922	35E10-22-1 35E10-22-4	AN/APM-402	33D7-47-55-1		
ADK-182A/A24G-1A	5A2-7-4-3 5A2-7-4-4	AN/APM-411	33D7-49-90-1 33D7-49-90-4 33D7-49-90-11 33D7-49-90-14 33D7-49-90-21 33D7-49-90-24 33D7-49-90-31 33D7-49-90-34 33D7-49-90-41 33D7-49-90-44		
ADU-461/E	8-1-103	AN/APM-412	33D7-3-179-1 33D7-3-179-4		
ADU-485/E	33AA50-3-1	AN/APM-413	33D7-44-227-1 33D7-44-227-4		
ADU-489/E	33AA50-3-1	AN/APN-213	12P5-2APN212-2		
AD31450-7	33D2-39-20-1	AN/APS-133	1E-3A-769		
		AN/APX-103	33AA1-1-101		

FIGURE 4. Example chapter 2 page.

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APPENDIX A

**LIST OF APPLICABLE PUBLICATIONS
DOCUMENT TYPE DEFINITION (DTD) SUBSET**

A.1 SCOPE.

A.1.1 Scope. The markup tags described herein are based on rules outlined in MIL-PRF-28001 and the Information Processing - Text and Office Systems - Standard Generalized Markup Language (SGML) document, International Organization for Standardization (ISO) 8879, as incorporated in Federal Information Processing Standards (FIPS) PUB 152. The Documentation Type Definition (DTD) subset within this appendix provides the structure and content of documents prepared in accordance with this performance specification. Digital copies of the DTD (see A.4.1), Tag Description Table (see A.4.2), and Attribute Description Table (see A.4.3) are available (see A.5). This appendix is a mandatory part of this performance specification. The information contained herein is intended for compliance.

A.2 APPLICABLE DOCUMENTS.A.2.1 Government documents.

A.2.1.1 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 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-PRF-28001 - Markup Requirements and Generic Style Specification for
Electronic Printed Output and Exchange of Text

STANDARDS

FEDERAL INFORMATION PROCESSING

FIPS PUB 152 - Standard Generalized Markup Language (SGML)

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

(Copies of Federal Information Processing Standards (FIPS) are available to Department of Defense activities from the Standardization Documents Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094. Others must request copies of FIPS from the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161-2171.)

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APPENDIX A

A.3 DOCUMENT TYPE DEFINITION SUBSET.

A.3.1 SGML document type definition subset. Data to be delivered digitally in accordance with this specification shall be SGML tagged using the DTD found in MIL-STD-38784 as modified by the DTD subset in this section. The procedure for accomplishing this is found in MIL-PRF-28001 and FIPS PUB 152 (ISO 8879).

A.3.2 Template document type for List of Applicable Publications. The DTD subset for the List of Applicable Publications DTD is as follows:

```
<!-- ***** START OF FILE ***** -->

<!-- SUPPLEMENT NOTICE: This file is made available to provide the
user with a digital representation of the DTD found in Appendix A
of MIL-PRF-8031F. This file is incomplete without MIL-PRF-8031F. -->

<!-- NOTE: The start and end of this file are marked with a row of
asterisks. If these rows are not present the file may not be
complete! -->

<!-- MIL-PRF-8031F List of Applicable Publications DTD -->

<!-- The following set of declarations may be referred to by
using a public entity as follows:

<!ENTITY % m8031 PUBLIC "-//USA-DOD//DTD MIL-PRF-8031F//EN">
%m8031;
-->

<!-- ENTITY DECLARATIONS -->

<!ENTITY % m38784std PUBLIC "-//USA-DOD//DTD MIL-STD-38784 AMEND1//EN" >

<!ENTITY % frnt "(idinfo, lep, verstat?, contents, foreword?)" >

<!ENTITY % bodyele "(loapchap1, loapchap2)" >

%m38784std;

<!-- ELEMENT and ATTRIBUTE LIST DECLARATIONS -->

<!ELEMENT docloaps - - (front, body)
+ (line | pgbrk | brk | modreq | subjinfo) >
<!ATTLIST docloaps service %service; 'AF'
%docatt;
%secur; >

<!ELEMENT loapchap1 - - (sertitle, loaptbl1) >
<!ATTLIST loapchap1 %chapatt; >
```

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APPENDIX A

```

<!ELEMENT loapchap2 - - (sertitle, (loaptbl2 | notappl)) >
<!ATTLIST loapchap2 %chapatt; >

<!ELEMENT loaptbl1 - o (mainsters+, warning*, caution?, note?) >

<!ELEMENT loaptbl2 - o ((partno, tmidno*)+) >

<!ELEMENT mainsters - - (sertitle, (substers | (tmidno, title,
pubtype?))+) >
<!ATTLIST mainsters %bodyatt;
%secur; >

<!ELEMENT notappl - o EMPTY >

<!ELEMENT pubtype - o (%text;) >
<!ATTLIST pubtype %secur; >

<!ELEMENT substers - - (sertitle, (tmidno, title, pubtype?))+) >
<!ATTLIST substers %bodyatt;
%secur; >

<!ELEMENT sertitle - o (%text;) -(%exclus;) >
<!ATTLIST sertitle %para0att; >

<!-- ***** START OF FILE ***** -->

```

A.4 DETAILED DESCRIPTION.

A.4.1 Document type definition. The DTD within this appendix provides the structure and content of documents prepared in accordance with this specification. The DTD is available in a digital format. See A.5, for information on obtaining the file.

A.4.2 Tag description table. The tag description table provides detailed descriptions of the tags above. It provides the element tagging structure, full element name, tag minimization requirements, element structure, referencing elements, source paragraph, and attribute descriptions unique to the element. See A.5, for information on obtaining this table.

A.4.3 Attribute description table. The attribute description table provides detailed descriptions of the attributes above. See A.5, for information on obtaining this table.

A.5 OBTAINING FILES.

A.5.1 Obtaining files. The DTD, attribute, and tag description tables are available as ASCII files by either of two methods (see A.5.1.1 and A.5.1.2). In the event of a conflict between the text of this document and any downloaded files, the text of this document takes precedence. These files are for convenience and informational purposes only.

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APPENDIX A

A.5.1.1 File Transfer Protocol (FTP). The procedures for obtaining files via FTP are as follows:

- a. Connect to "WPCDSO1.wpafb.af.mil" using the FTP software available at your site. For example, if your FTP software is invoked using the "ftp" command, type "ftp WPCDSO1.wpafb.af.mil." Do not attempt to log-in to this site using a "telnet" connection. If this connection fails, connect using "129.52.152.8."
- b. Log-in (log-in, name, remote user name, etc.) as "ftp" and press "enter."
- c. For password, type electronic mail (e-mail) name followed by "@" (at) and press "enter."
- d. Type "cd pub/tmss-web" (or command your system requires to change to "pub/tmss-web" directory) and press "enter." At this point, a short new users message will normally appear. If the new users message does not appear, it should be downloaded and read. Download file by typing "get.message" (or command your system requires to download a file) and press "enter."
- e. Type "get filelist.txt" (or command your system requires to download a file) and press "enter." This file contains a list of all files available. This file is updated as new items are added, therefore it should be downloaded and read before downloading any other file.
- f. If the needed file ends with ".zip," see g. below, otherwise type "asc" (or the command your system requires for an ASCII transfer) and press "enter." Type "get XXXXXX.XXX" (where XXXXXX.XXX is the name of the file to be downloaded) and press "enter" to download needed file. Repeat for each file to be downloaded.
- g. If the needed file ends with ".zip," type "bin" (or the command your system requires for a binary transfer) and press "enter." Type "get XXXXXX.XXX" (where XXXXXX.XXX is the name of the file to be downloaded) and press "enter" to download needed file. Repeat for each file to be downloaded. Zipped files were compressed using PKZIP Version 2.02.
- h. File "nc.txt" contains information on the naming conventions used on all files in this directory. Type "get nc.txt" to download this file.

A.5.1.2 World Wide Web (WWW). Obtain files via the Air Force Product Data Systems Modernization (PDSM) Program Office (AFPPPO) home page at "<http://www.pdsm.wpafb.af.mil/>." Select TMSS from the graphical menu and follow the directions presented.

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CONCLUDING MATERIAL

Custodian:
Air Force - 16

Preparing Activity:
Air Force - 16

Review Activities:
Air Force - 01, 10, 70, 71,
80, 82, 84, 99

(Project TMSS - F631)

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 activity 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-8031F(USAF)

2. DOCUMENT DATE (YYMMDD)

96/08/29

3. DOCUMENT TITLE

Performance Specification for Preparation of List of Applicable Publications

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 *(Include Area Code)*

(1) Commercial

(2) AUTOVON

(If applicable)

e. DATE SUBMITTED
(YYMMDD)

8. PREPARING ACTIVITY

a. NAME

Det 2, HQ ESC/AV-2C

b. TELEPHONE *(Include Area Code)*

(1) Commercial

(513) 257-3085

(2) AUTOVON

787-3085

c. ADDRESS *(Include Zip Code)*

4027 Col Glenn Hwy, Suite 300

Dayton, OH 45431-1672

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

