

NOT MEASUREMENT  
SENSITIVE

MIL-HDBK-300M  
24 November 2000  
Superseding  
MIL-HDBK-300L  
1 October 1981

DEPARTMENT OF DEFENSE  
HANDBOOK  
TECHNICAL INFORMATION FILE  
OF SUPPORT EQUIPMENT



This handbook is for guidance only. Do not cite this document as a requirement.

**AMSC N/A**

**AREA MISC**

DISTRIBUTION STATEMENT A. Approved for public release; distribution unlimited.

MIL-HDBK-300M

FOREWORD

1. This handbook is approved for use by all Department and Agencies of the Department of Defense (DoD).
2. This handbook is for guidance only. This handbook cannot be cited as a requirement. If it is, the contractor does not have to comply.
3. This handbook is intended to provide the Department of Defense design, engineering, maintenance, training personnel and government contractors access to a data base, via hyperlink, (<http://www.afmc-pub.wpafb.af.mil/HQ-AFMC/LG/lgi-page/lgis/MIL300/Milindex.htm>) displaying DoD In-inventory Aerospace and Missile Support Equipment (SE). This data base will include a functional and technical description, associated technical orders, technical manuals, or commercial catalogues, relationship to similar equipment, end item(s) this support equipment is used on, and a simple line drawing. For government contractors, the handbook database is intended to provide sufficient information on an piece of support equipment so that it may be considered for a contemplated application. Use of this data system is intended to provide for maximum usage of in-inventory assets, and the elimination of duplicate design or development of support equipment for different weapon systems.
4. Support equipment as applied here includes ground operation, handling, and servicing equipment. Support equipment is further defined as all equipment required to make a weapon system operational in its intended environment.
5. The changes in this revision are, the removal and digitization of the Support Equipment Illustrations, and the addition of the hyperlink to the Technical Information File data base.
6. Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: AFMC LSO/LGISA, 74 Washington Ave N Suite 8, Battle Creek, MI 49017-3094 by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

## MIL-HDBK-300M

## CONTENTS

## PARAGRAPH

FOREWORD.....	ii
1. SCOPE.....	1
1.1 Scope.....	1
2. APPLICABLE DOCUMENTS.....	1
3. DEFINITIONS.....	1
3.1 Support equipment (SE).....	1
3.2 Support equipment illustrations (SEIs).....	1
3.3 Technical information file (TIF).....	1
4. PREPARATION OF SEI SHEETS.....	2
4.1 TIF sheets.....	2
5. CURRENCY OF INFORMATION.....	2
5.1 Maintaining data base.....	2

## MIL-HDBK-300M

## 1. SCOPE:

1.1 Scope. This document is intended to provide a hyperlink to the MIL-HDBK-300 data base which provides technical and pictorial information for comparison of DoD In-inventory (stock listed) support equipment used on aircraft and missile weapon systems. This handbook is for guidance only. This handbook cannot be cited as a requirement. If it is, the contractor does not have to comply.

## 2. APPLICABLE DOCUMENTS

This section is not applicable

## 3. DEFINITIONS

3.1 Support equipment (SE). Support Equipment is all equipment required to make a weapon system, command and control system, support system, subsystem, or item of SE operational in its intended environment. This includes all equipment required to install, launch, arrest (except Navy shipboard and shore based launching and arresting equipment), guide control, direct, inspect, test, adjust, calibrate, appraise, gauge, measure, assemble, disassemble, handle, transport, safeguard, store, actuate, service, repair, overhaul, maintain, operate, arm, or rearm the system, subsystem, end item, or component. This definition applies regardless of the method of development, funding or procurement. SE may be categorized as common (general purpose) and peculiar (special purpose); within these categories, developmental (no-Government approved specification/drawing) and standard (with Government approved specification/drawing) subcategories may exist. Note: The following equipment is excluded from the definition of support equipment:

Common powered and non-powered hand tools.

Housekeeping items.

Office furniture and equipment and items common to all activities defined in applicable allowance lists that are required as indirect support.

Common production tools and tooling such as lathes, drills, presses, plating equipment, grinders, and induction heaters.

Items used only by the contractor.

Personal equipment (e.g., headsets, microphones).

Off-line automatic data processing (ADP) equipment

3.2 Support equipment illustrations (SEIs). SEI is information provided by a manufacturer of the SE, in a format described by the acquisition activity. The information is used to describe a new item or for updating items currently in the Technical Information File (TIF) (see 6.3).

3.3 Technical Information File (TIF). TIF is a term used to describe the actual items listed and displayed in the MIL-HDBK-300 data base.

## MIL-HDBK-300M

## 4. PREPARATION OF SEI

4.1 Support Equipment Illustration (SEI). (see 6.3).

## 5. CURRENCY OF INFORMATION

5.1 Maintaining data base. Each service will constantly review the MIL-HDBK-300 digitized database via hyperlink (<http://www.afmc-pub.wpafb.af.mil/HQ-AFMC/LG/lgi-page/lgis/MIL300/Milindex.htm>). Contracting activities can also access this site to review current MIL-HDBK-300 items for adequacy and currency of data. Information for deletion of unsuitable, obsolete, replaced or revised data pages will be submitted to the preparing activity for action.

## 6. NOTES

6.1 Intended use. The handbook database is intended to provide sufficient information on a piece of support equipment so that it may be considered for a contemplated application. Use of this data system is intended to provide for maximum usage of in-inventory assets, and the elimination of duplicate design or development of support equipment for different weapon systems..

6.2 Subject term (key word) listing.

Data base  
Hyperlink  
Inventory  
SEI  
TIF

6.3 Preparation of SEI. Previously, MIL-HDBK-300 required the use of MIL-STD-864 (Support Equipment Functional Classification Categories (FCC)), Data Item Description (DID) DI-E-6120 (Support Equipment Illustrations (SEI) and Technical Description), and DD Form 1786 (Support Equipment Illustration Form) to provide a product. This resulted in a simple line drawing and a fairly detailed functional and technical description of the Support Equipment item. Now that MIL-HDBK-300 is an automated database, previous requirements have changed; FCC's and the new format is now available on line using the MIL-HDBK-300 hyperlink, (<http://www.afmc-pub.wpafb.af.mil/HQ-AFMC/LG/lgi-page/lgis/MIL300/Milindex.htm>).

6.4 Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

MIL-HDBK-300M

CONCLUDING MATERIAL

Custodians:  
Air Force-99  
Army-AV  
Navy-AS

Preparing Activity:  
Air Force-99

(Project MISC-0267)

Reviewer:  
Air Force - 11

**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, and send to preparing activity.
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.

<b>I RECOMMEND A CHANGE:</b>	<b>1. DOCUMENT NUMBER</b> MIL-HDBK-300M	<b>2. DOCUMENT DATE (YYYYMMDD)</b> 20001124
------------------------------	--	--

**3. DOCUMENT TITLE**  
TECHNICAL INFORMATION FILE OF SUPPORT EQUIPMENT

**4. NATURE OF CHANGE** (*Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.*)

**5. REASON FOR RECOMMENDATION**

**6. SUBMITTER**

<b>a. NAME</b> ( <i>Last, First, Middle Initial</i> )	<b>b. ORGANIZATION</b>	
<b>c. ADDRESS</b> ( <i>Include ZIP Code</i> )	<b>d. TELEPHONE</b> ( <i>Include Area Code</i> ) (1) Commercial (2) DSN <i>(If applicable)</i>	<b>7. DATE SUBMITTED</b> (YYYYMMDD)

**8. PREPARING ACTIVITY**

<b>a. NAME</b> AFMC LSO/LGIS ATTN: CRAWFORD	<b>b. TELEPHONE</b> ( <i>Include Area Code</i> ) (1) Commercial 616 961-5720 (2) DSN 932-5720	
<b>c. ADDRESS</b> ( <i>Include ZIP Code</i> ) 74 WASHINGTON AVE N SUITE 8 BATTLE CREEK, MI 490173094	<b>IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT:</b> Defense Standardization Program Office (DLSC-LM) 8725 John J. Kingman Road, Suite 2533 Fort Belvoir, Virginia 22060-6221 Telephone (703) 767-6888 DSN 427-6888	