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DEPARTMENT OF DEFENSE

HANDBOOK

TECHNICAL INFORMATION FILE

OF SUPPORT EQUIPMENT

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 Do not cite this document as a requirement.

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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 can not 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 database; via hyperlink, http://www.mil-hdbk-300.wpafb.af.mil/insert.htm displaying DoD In-inventory, Aerospace and Missile Support Equipment (SE). This database 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 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.

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 updating of the "Contact information", and the updated relocation 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: U.S AIR FORCE Standardization Management Office (SMO), AFLCMC/EZSS, 2145 Monahan Way, Wright-Patterson AFB, OH 45433-7017 or emailed to SPEC99@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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1. SCOPE:

1.1 Scope. This document is intended to provide a hyperlink to the MIL-HDBK-300 database 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 to 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 (for example, headsets, microphones)
- Off-line automatic data processing (ADP) equipment

3.2 Support equipment illustrations (SEIs). SEI is information provided by a manufacturer of 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 database.

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4. PREPARPARATION OF SEI

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

5. CURRENCY OF INFORMATION

5.1 Maintaining database. Each service will constantly review the MIL-HDBK-300 digitized database via hyperlink (https://www.mil.hdbk-300.wpafb.af.mil/insert.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.

Database
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, (https://www.mil-hdbk-300.wpafb.af.mil/insert.htm).

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

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