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# TECHNICAL REPORT

GEIA-HB-0007 REV. B

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# (R) Logistics Product Data Handbook

## RATIONALE

The handbook provides information that assists the user of GEIA-STD-0007 in understanding the analysis process that result in logistics product data; the identification of logistics product data required to produce logistics reports; and how to contract for GEIA-STD-0007. The handbook has been revised based on changes to GEIA-STD-0007-B. The changes include new Entities and Attributes to capture reliability analyses results, scheduled maintenance events, maintenance objective states, transportability information and digital files. These additions affect the guidance, figures and tables contained in the handbook.

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# 1. CHAPTER 1, LOGISTICS PRODUCT DATA INTRODUCTION

## 1.0 Introduction

This handbook is intended to provide additional information on the use and tailoring of the data in GEIA-STD-0007. The standard provides a new approach to Logistics Support Analysis Record (LSAR) (i.e., MIL-STD-1388-2B) data with emphasis on data transfer (e.g., XML Schemas) versus data storage (e.g., relational tables). GEIA-STD-0007 identifies the range of logistics product data that is generated during the development and acquisition of a system or end item. It does not prescribe the supportability analyses required to generate logistics product data. That is contained in TA-STD-0017, Product Support Analysis. How the data is generated via analysis techniques/tools, how it is stored and processed, and how the data is used to generate specific logistics support products, is left to the performing activity. GEIA-STD-0007 is a data transfer standard implementing the logistics data concepts of GEIA-STD-927, Common Data Schema for Complex Systems.

GEIA-STD-0007 provides a comprehensive list of data elements that can be generated as a result of the supportability analysis conducted during the design, development, and initial fielding of a system or end item. It captures information related to logistics design requirements, reliability and maintainability, system safety, maintenance engineering, support and test equipment, training and training devices, manpower and skills, facilities, transportation, supply support, and parts packaging. The volume of data generated is driven by the engineering level of effort that will be expended in each of the previously mentioned areas (e.g., if existing facilities are used then no facilities data would be generated under GEIA-STD-0007). This volume of data is also tempered by the hardware level of indenture to which the engineering analysis is required to be performed (e.g., contract maintenance to the engine level). The most important aspect of the data in GEIA-STD-0007 is that it is used to generate the logistics support products (e.g., operator and maintainer manuals, supply support lists, training programs for operators/maintainers, etc.) required to sustain a system or end item.

## 1.1 Intended Use

This guide provides information on the analysis processes that generate logistics product data from the Department of Defense life cycle framework perspective, from the analysis activities defined in TA-STD-0017 and from international standards perspective using STEP 10303, AP239, Product Life Cycle Support. This information is contained in Chapter 2 of this guide. Chapter 3 provides additional information on each of the entities contained in the standard. It focuses on hardware indenture level relationship to the entity data, when entity data is required; the entity data source (i.e., requiring authority/customer or performing activity); functional responsibility/interface requirements; and the primary uses for the entity data. Chapter 4 provides guidance on contracting for GEIA-STD-0007. This chapter provides matrices that can be used to tailor the logistics product data requirements based on logistics product needs. These matrices relate logistics products that can be generated using existing Logistics Support Analysis Record software and are further defined in TA-HB-0007-1. Appendix A contains the attribute selection sheet with all the elements and the attributes listed. Appendix B provides guidance on the assignment of the major key fields used in the XML schema. These keys relate to the engineering functional and physical breakdown of the system. These major fields are the Logistics Support Analysis Control Number (LCN), Alternate LCN (ALC), LCN Type (i.e., functional or physical) and the Usable on Code (UOC). The guidance in this appendix also addresses the relationship of these key fields to the Work Breakdown Structure (MIL-HDBK-881A) coding of a system.

Appendix C provides a cross reference matrix of the data elements in GEIA-STD-0007, MIL-STD-1388-2B, MIL-PRF-49506, and DEF STAN 0060, along with data field lengths and formats. To a large extent, GEIA-STD-0007 is based upon the data in the cancelled MIL-STD-1388-2B and, to a lesser extent, on the information in DEF STAN 0060. Appendix D provides specific guidance on contracting for GEIA-STD-0007 for U.S. Navy programs. The appendix addresses the data elements required to produce a Navy Maintenance Plan, Provisioning Parts List, and Packaging Data.

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The contracting aspects of this handbook make use of the Department of Defense data item descriptions DI-SESS-81758, Logistics Product Data, and DI-SESS-81759, Logistics Product Data Summaries, developed specifically for GEIA-STD-0007. MIL-STD-1388-2B was published in March 1991 and cancelled as a DOD standard in November 1996. It contained LSAR Data and 48 LSAR Reports. MIL-STD-1388-2B provided information pertaining to technical characteristics of a system or equipment and provided data directly related to the supportability of that system or equipment. MIL-STD-1388-2B provided guidance for fulfilling the requirements of a relational database system. The interrelationships and data hierarchy among tables was established through common data element keys and data values. This provided the capability to produce any of the LSA reports, other data files, and ad hoc reports via any query capability. DEF-STAN-0060, Integrated Logistics Support, was published in 1996 by the United Kingdom Ministry of Defense (UK MOD) and contains data in MIL-STD-1388-2B along with the UK MOD and other international standards data (e.g., S1000D, International Specification for Technical Publications Using a Common Source Database). Historically these standards have been the source of documents used for the application of LSA and LSAR in relation to the procurement of materiel. Subsequent to the cancellation of MIL-STD-1388-2B, the Department of Defense undertook publication of MIL-PRF-49506, Logistics Management Information (published November 1996). The performance specification contains a subset of LSAR data and provides a means of acquiring logistics data but does not define data transfer formats or report formats. GEIA-STD-0007 has replaced the performance specification with a robust set of logistics data requirements.

## 1.2 Performance Based Logistics (PBL) and the GEIA-STD-0007

PBL is the purchase of support as an integrated, affordable, performance package designed to optimize system readiness and meet performance goals for a weapon system through long-term support arrangements with clear lines of authority and responsibility. Application of PBL may be at the system, subsystem, or major assembly level, depending on program-unique circumstances and appropriate product support strategy analysis.

The US DOD recommends buying and utilizing performance based outcomes as a part of the Total Life Cycle Systems Management (TLCSM) of a weapons system only if it is economically and operationally feasible (justified by a Business Case Analysis). The GEIA-STD-0007 can provide support in the transfer of data for the following metrics related to the DODs TLCSM and Key Performance Parameters (KPP):

- **Availability KPP** Availability will consist of two components: Materiel Availability and Operational Availability. The components provide availability percentages from a corporate, fleet-wide perspective and an operational unit level, respectively. The Operational Availability metric is an integral step to determining the fleet readiness metric expressed by Materiel Availability. The following provides guidance for development of both metrics:

  - *Materiel Availability* Materiel Availability is a measure of the percentage of the total inventory of a system operationally capable (ready for tasking) of performing an assigned mission at a given time, based on materiel condition. This can be expressed mathematically as number of operational end items/total population. The Materiel Availability addresses the total population of end items planned for operational use, including those temporarily in a non-operational status once placed into service (such as for depot-level maintenance). The total life-cycle timeframe, from placement into operational service through the planned end of service life, must be included. This is often referred to as equipment readiness. GEIA-STD-0007 can provide input to this KPP via the calculation of Operational Availability.

  - *Operational Availability* Operational Availability indicates the percentage of time that a system or group of systems within a unit are operationally capable of performing an assigned mission and can be expressed as (uptime/(uptime + downtime)). GEIA-STD-0007 supports this metric with contractually required and design calculated operational availability values that are contained in Entities AB and BE, respectively. Figures 6, 7, and 8 of this handbook provide the reliability and maintainability values in GEIA-STD-0007 that calculate operational availability.

- **Reliability** Reliability is a measure of the probability that the system will perform without failure over a specific interval. Reliability must be sufficient to support the warfighting capability needed. Considerations of reliability must support both Availability metrics. Specific criteria for defining operating hours and failure criteria must be provided together with the Reliability. GEIA-STD-0007 captures contractually required and design calculated mean time between system aborts in Entities AG and BD, respectively. This parameter, along with the reliability parameters identified in Figure 6 of this handbook, provides a basis for establishing the Mission Reliability metric.

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- **Ownership Cost** Ownership Cost provides balance to the sustainment solution by ensuring that the operations and support (O&S) costs associated with Availability are considered in making decisions. As a minimum, the following cost elements are required: Unit Operations (only Energy); Maintenance; Sustaining Support (All except System Specific Training); and Continuing System Improvements. While not directly defined as a single element in GEIA-STD-0007, the metric Ownership Cost can be calculated from the reliability, maintenance and supply elements contained in Entities B, C, E, F, G, J and H of GEIA-STD-0007. This information would define the ownership cost for a single item, which can then be extrapolated to the fleet.

Program offices can define additional KPP's for individual development programs. Previously defined KPPs are provided below for consideration.

- **TLCSM Cost per Unit Usage** The total operating and life cycle costs divided by the appropriate unit of measurement for a given weapon system. Depending on the weapon system, the measurement unit could be flight hour, steaming hour, launch, mile driven, etc. While not directly defined as a single element in GEIA-STD-0007, the metric TLCSM Cost per Unit Usage can be calculated from the reliability, maintenance and supply elements contained in Entities B, C, E, F, G, J, and H of GEIA-STD-0007.

- **Cost per Unit Usage** The variable operating costs divided by the appropriate unit of measurement for a given weapon system. Depending on the weapon system, the measurement unit could be flight hour, steaming hour, launch, mile driven, etc. While not directly defined as a single element in GEIA-STD-0007, the metric Cost per Unit Usage can be calculated from the reliability, maintenance and supply elements contained in Entities B, C, E, F, G, J and H of GEIA-STD-0007.

- **Logistics Footprint** The government/contractor size or "presence" of logistics support required to deploy, sustain, and move a weapon system. Measurable elements include inventory/equipment, personnel, facilities, transportation assets, and real estate. GEIA-STD-0007 captures the total maintenance (C Entities), manpower (Entities C and G), supply (H Entities), support equipment (E Entities), facilities (F Entities) and transportation requirements (J Entities) needed to sustain and move a system. This information would be used to establish the Logistics Footprint metric.

- **Logistics Response Time** This is the period of time from logistics demand signal sent to satisfaction of that logistics demand. "Logistics Demand" refers to systems, components, or resources, including labor, required for weapon system logistics support. GEIA-STD-0007 captures this metric in the form of the element "repair cycle time" documented by level of maintenance in Entity HG. The information in GEIA-STD-0007 can be used to calculate this metric at the system, subsystem or major assembly level depending on the PBL strategy.

For more information on the subject of PBL, see the Defense Acquisition Guide.

1.3 Referenced Documents

| | |
|---|---|
| MIL-STD-1388-2B | Logistics Support Analysis Record |
| MIL-HDBK-881A | Work Breakdown Structures for Defense Materiel Items |
| MIL-PRF-49506 | Logistics Management Information |
| MIL-HDBK-502 | Acquisition Logistics |
| GEIA-STD-927 | Common Data Schema for Complex Systems |
| GEIA-STD-0007 | Logistics Product Data |
| TA-STD-0017 | Product Support Analysis |
| DEF STAN 00-60 | Integrated Logistics Support |
| STEP 10303 | Standard for Exchange of Product Model Data |

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| | |
|---|---|
| ATA iSPEC 2200 | Information Standards for Aviation Maintenance |
| S1000D | International Specification for Technical Publications Using a Common Source Database |
| TechAmerica HB-0007-1 | Logistics Product Data Reports |
| No Number | Defense Acquisition Guidebook |

# 2. CHAPTER 2, LOGISTICS PRODUCT DATA IN THE DEVELOPMENT LIFE CYCLE PROCESS

## 2.0 Introduction

This chapter addresses the analysis processes that generate logistics product data during each phase of an equipment's life cycle. The information is presented from the standpoint of the DOD Life Cycle Management Framework, from the TA-STD-0017 analysis activities model and the STEP 10303 AP239, Product Life Cycle Support (PLCS) Activity Model. Details of the DOD Life Cycle Management Framework model may be found in the Defense Acquisition Guidebook. The AP239, PLCS Activity Model is an industry model that does not follow the formal DOD life cycle phases. However, its major activities can be linked to the DOD life cycle phases, which has been done in this chapter. Where subtask or sub-subtask activities in AP239 generate logistics product data, these activities have been shown as indented tasks to the major activities of AP239. Additionally, some analyses/activities are repeated in later life cycle phases. This is an indication that the analysis is being performed to a greater level of detail based on hardware indenture or levels of maintenance.

Development and sustainment of systems in the Department of Defense Acquisition Guidebook is defined by six life cycle phases:

- Materiel Solution Analysis,
- Technology Development,
- Engineering and Manufacturing Development,
- Production and Deployment,
- Operations and Support, and
- Disposal/Demilitarization Operations

The STEP 10303 AP239 model defines four major activities that occur over the life of a system under the major activity of Provide Through Life Support for Product:

- Manage Information to Support a Product,
- Generate Support Solution,
- Commission Support Solution, and
- Provide Support

The activities and tasks contained in AP239 Generate Support Solution approximately equate to the activities and tasks accomplished in Materiel Solution Analysis, Technology Development and Engineering and Manufacturing Development Phases of the DOD life cycle. The AP239 Commission Support System activities and tasks are similar to those accomplished during the Production and Development Phase and the AP239 Provide Support equates to the Operations and Support Phase and Disposal/Demilitarization Phases of the DOD Life Cycle. These relationships are detailed in the following sections as they apply to the generation of logistics and logistics related data.

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## 2.1 Life Cycle Phase: Materiel Solution Analysis/Generate Support Solution

### 2.1.1 DOD Life Cycle Framework and TA-STD-0017 Analyses

Perform use study (Activity 4)
Perform comparative analysis (Activity 6)
Identify support system standardization opportunities (Activity 5)
Identify technological opportunities (Activity 7)
Define supportability factors (Activity 8)
Conduct initial functional requirements analysis (Activity 9)

### 2.1.2 AP239 Activity Model Analyses

Define Support Context
    Define life and usage profile
    Define available support resources
Establish requirements for support solution
    Elicit support stakeholder needs
        Analyze previous experience
    Define support solution requirements
        Define support characteristics
        Define support metrics
        Define support solution requirements

Figure 1 provides a pictorial view of the activities/tasks and desired outcomes that occur during the Materiel Solution Analysis Phase/Generate Support Solution activities. Approved hardware alternatives lead to support alternatives and the identification of supportability requirements for each hardware alternative. With the identification of a single hardware solution, operational and supportability requirements are documented in the Initial Capability Document (ICD) and the follow-on Capability Development Document (CDD), which are used to develop the supportability specifications that are placed in development contracts.

### 2.1.3 Logistics Product Data Generated (by Entity)

XA - End Item Acronym
XB - Logistics Support Analysis Control Number Indentured Item
XC - System/End Item identification
“A” Entities for identification of operations and maintenance requirements
“F” Entities for identification of new or modified facilities, as required

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# Materiel Solution Analysis Phase

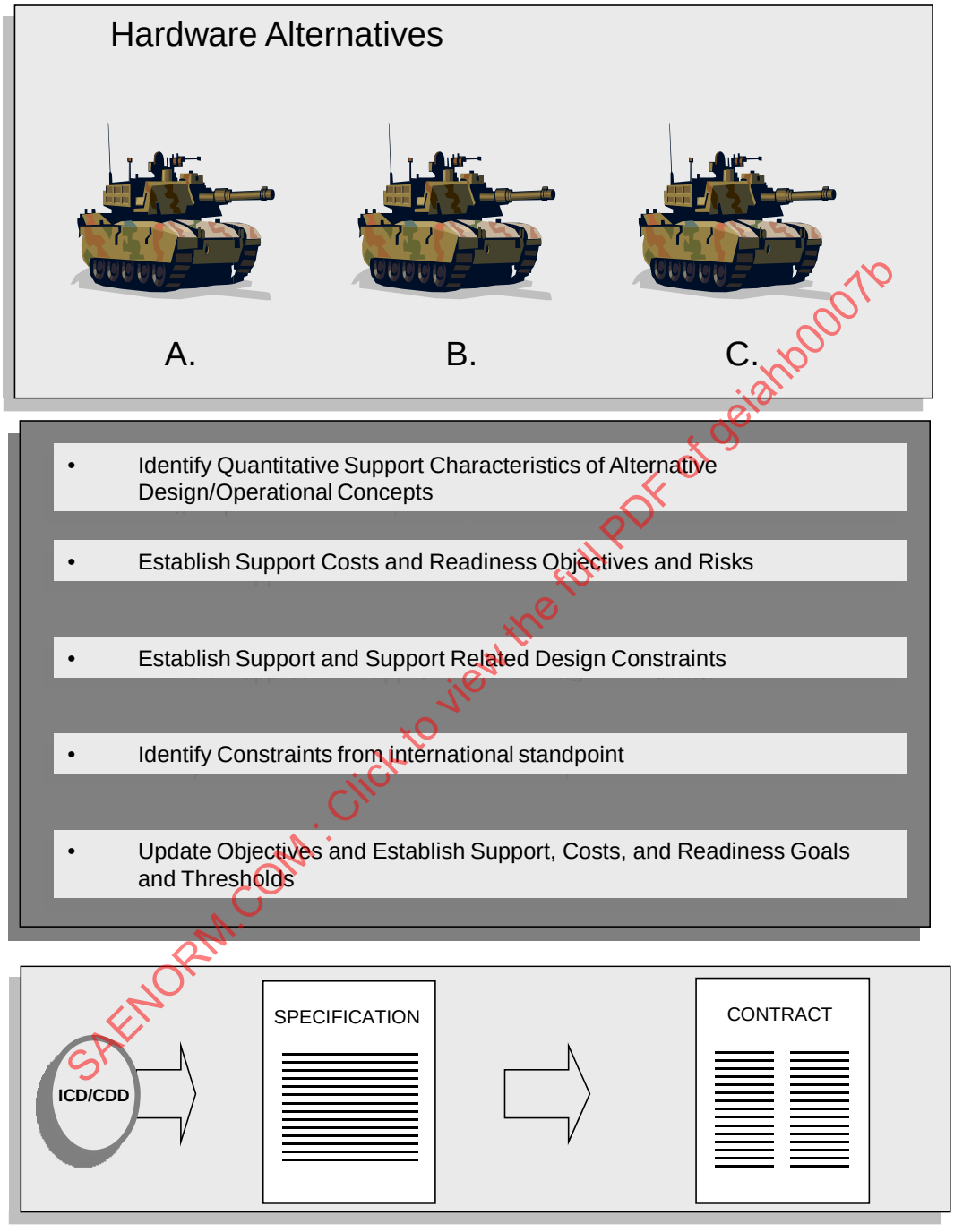


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FIGURE 1 - MATERIEL SOLUTION ANALYSIS PHASE

## 2.2 Life Cycle Phase: Technology Development Phase/Generate Support Solution

### 2.2.1 DOD Life Cycle Framework and TA-STD-0017 Analyses

Update comparative analysis (Activity 6)
Define Functional Requirements (Activity 9)
Conduct support System Tradeoff Analysis (Activities 10 and 11)
    Initiate level of repair tradeoffs (Activity 11.7)
    Initiate cost analyses (Activity 11.1)
Conduct sensitivity Analysis (Activity 11.4)
Identify support system standardization requirements (Activity 5)
Initiate task analysis (Activity 12)

### 2.2.2 AP239 Activity Model Analyses

Design support solution
    Establish support drivers
    Perform task analysis
        Identify potential tasks
    Predict support performance and resource use

Figure 2 provides a pictorial view of the activities/tasks and desired outcomes that occur during the Technology Development Phase/Generate Support Solution Activity. Upon approval of the Technology Development Strategy and selection of an initial concept, the project enters the Technology Development phase. The purpose of this phase is to reduce technology risk and determine the appropriate set of technologies to be integrated into a full system. Similarly, alternative support solutions are analyzed and refined to establish the best support solution for the technology identified.

### 2.2.3 Logistics Product Data Generated (by Entity)

“X” Entities to the indenture level commensurate with the analysis
BA - Reliability, Availability, and Maintainability Characteristics
BD - Reliability, Availability, and Maintainability Indicator Characteristics
BE - War/Peace Reliability, Availability, and Maintainability Indicator Characteristics
CA - Task Requirement
CB - Subtask Requirement
“F” Entities for identification of new or modified facilities, as required

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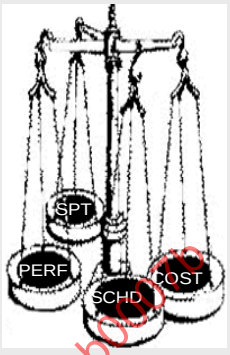
## TECHNOLOGY DEVELOPMENT PHASE

### Tradeoff Logic

- Identify Evaluation and Tradeoff Criteria
- Select/Construct Analytical Relationships or Models
- Conduct the Tradeoff/Evaluation and Identify Best Alternative(s)
- Conduct Sensitivity Analysis on High Risk Variables
- Document Tradeoff Results (Include Risks and Assumptions)
- Update Evaluations and Tradeoffs
- Include Both Peacetime and Wartime Considerations in analysis
- Assess Impact of tradeoff Decision on Existing/Planned Weapon, Supply Maintenance, and Transportation Systems
- Assess Life Cycle Support Considerations (Include Post Production Support)




### TYPE OF TRADEOFFS

- Conduct Support Systems Tradeoff
- Conduct System Tradeoffs
- Continue to Iterate Support system and System Tradeoffs as Additional Data is Made Available or Refined
- Conduct Other Key Tradeoffs and Evaluations as appropriate to Specified Life Cycle Phase

SUPPORT SYSTEM A | SUPPORT SYSTEM B | SUPPORT SYSTEM C

DESIGN ALT A/B/C | OPERATION ALT A/B/C | SUPPORT ALT A/B/C

SYSTEM READINESS SENSITIVES | MANPOWER AND PERSONNEL TRADEOFFS | TRAINING TRADEOFFS

REPAIR LEVEL ANALYSIS | COMPARATIVE EVALUATIONS | SUPPORT FACILITY TRADEOFFS | DIAGNOSTIC TRADEOFFS

SURVIVABILITY TRADEOFFS | ENERGY TRADEOFFS | ENVIRONMENTAL TRADEOFFS | TRANSPORTABILITY TRADEOFFS

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FIGURE 2 - TECHNOLOGY DEVELOPMENT PHASE

2.3 Life Cycle Phase: Engineering and Manufacturing Development/Generate Support Solution

2.3.1 DOD Life Cycle Framework and TA-STD-0017 Analyses

Update Functional Requirements ( Activity 9)
Perform Failure Modes Effects and Criticality Analysis (Activity 9.5)
Perform Failure Tree Analysis (Activity 9.6)
Perform Reliability Centered Maintenance Analysis (Activity 9.7)
Update and refine Task Analysis (Activity 12)
Perform Level of Repair Analysis (Activity 11.7)
Conduct Supportability Test, Evaluation, and Verification (Activity 17)

2.3.2 AP239 Activity Model Analyses

Design support solution
- Predict support performance and resource use
- Perform task analysis
  - Identify potential task
  - Define potential task
  - Assemble product in focus task set
- Define support solution
  - Define support policy
  - Develop support plan
  - Complete task procedures
  - Assemble support solution

Assess support performance

Figure 3 provides a pictorial view of the activities/tasks and desired outcomes that occur during the Engineering and Manufacturing Development Phase/Design Support Solution Activity. The purposes of Engineering and Manufacturing Development are to: develop a system; reduce integration and manufacturing risk; ensure operational supportability with particular attention to reducing the logistics footprint; implement human systems integration; design for producibility; ensure affordability and protection of critical program information; and demonstrate system integration, interoperability, safety and utility. Supportability products such as Integrated Electronic Technical Manuals (IETM), integrated parts lists, training programs of instruction, maintenance plans, and indentured parts lists are outcomes of these activities/tasks.

2.3.3 Logistics Product Data Generated (by Entity)

“X” Entities to the indenture level commensurate with the analysis
BA - Reliability, Availability, and Maintainability Characteristics
BB - Item Function Data
BC - Failure Modes and Item Function Data
BD - Reliability, Availability, and Maintainability Indicator Characteristics
BE - War/Peace Reliability, Availability, and Maintainability Indicator Characteristics
BF - Failure Mode and Reliability Centered Maintenance Analysis Data
BH - Failure Mode Task
BI - Failure Mode Indicator Mission Phase Code Characteristics
BK - Reliability, Availability, and Maintainability Criticality
BL - Mission Phase Operational Mode
CA - Task Requirement
CB - Subtask Requirement
CD - Sequential Subtask Description
CG - Subtask Personnel Requirement
CE - Task Remark
CF - Task Remark Reference
CG - Task Support Equipment
CH - Task Manual
CI -Task Provisioned Item

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CJ - Job and Duty Assignments
CK - Task Inventory
CL - Task/Subtask Associated Narrative
CLL - Warning, Cautions, Notes Narrative Data
CM - Electronic Documentation
CN - Maintenance Procedure Inventory
CO - Maintenance Procedure Task Sequence
CQ - Subtask Digital File Data
CR - Subtask Support Equipment Data
CS - Subtask Provisioned Item Data
CT - Subtask Objective States Data
CU- Circuit Breaker Group Objective States Order Data
CUU - Subtask Circuit Breaker Objective States Data
CV - Scheduled Maintenance Events Data
CW - Scheduled Maintenance Sampling Data
HA - Item Identification
HB - Additional Reference Numbers
HBA - Additional National Stock Number Data
HC - Contractor Technical Information Code (CAGE)
HD - Price
HG - Part Application Provisioning
HGA - Circuit Breaker Park Application Identifier
HH - Overhaul-Kit Next Higher Assembly PLISN
“E” Entities for support, test and training, equipment, as required
“U” Entities for all units under test, as required
“F” Entities for identification of new or modified facilities, as required
“G” Entities for identification of new or modified skills, as required
“J” Entities for identification of transportability requirements

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## ENGINEERING AND MANUFACTURING DEVELOPMENT PHASE

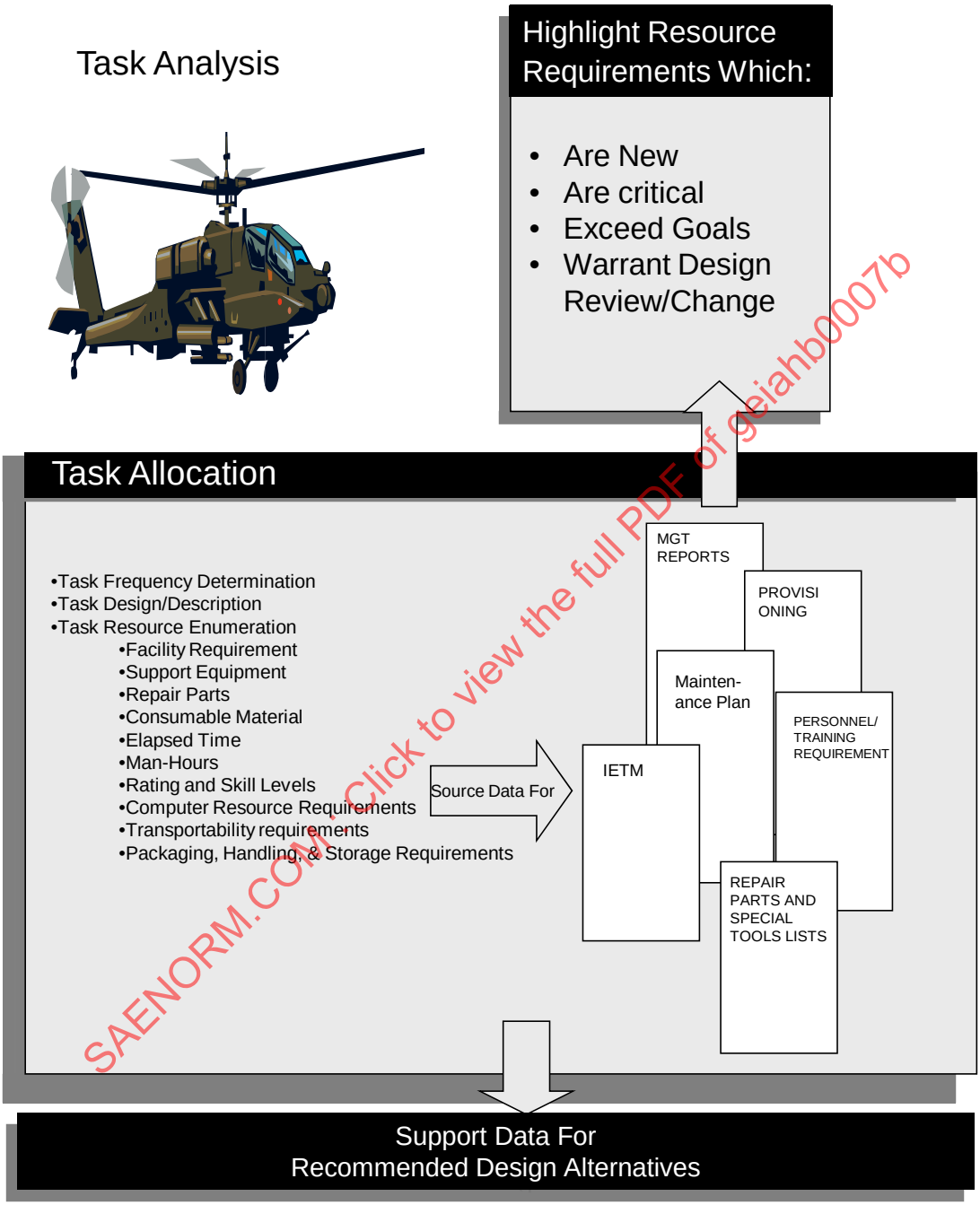


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FIGURE 3 - ENGINEERING AND MANUFACTURING DEVELOPMENT PHASE

2.4 Life Cycle Phase: Production & Deployment Phase/Commission Support System

2.4.1 DOD Life Cycle Framework and TA-STD-0017 Analyses

Conduct Supportability Test, Evaluation, and Verification (Activity 17)
Establish Provisioning Requirements (Activity 12.8)
Perform Provisioning Screening (Activity 12.11)
Perform early fielding analysis (Activity 13)

2.4.2 AP239 Activity Model Analyses

Assess Support Performance
Define support solution (provisioning requirements)

Figure 4 provides a pictorial view of the activities/tasks and desired outcomes that occur during the Production & Deployment Phase/Commission Support Solution. The purpose of this phase is to achieve an operational capability that satisfies mission needs. Supportability products are updated based upon the test and evaluation process and products such as initial provisioning data are generated to establish initial supply requirements.

2.4.3 Logistics Product Data Generated (by Entity)

"X" Entities to the indenture level commensurate with the analysis
HA - Item Identification
HB - Additional Reference Numbers
HBA - Additional National Stock Number Data
HC - Contractor Technical Information Code CAGE
HD - Price
HF - Item Packaging Requirement
HG - Part Application Provisioning
HH - Overhaul-Kit Next Higher Assembly PLISN
HJ - Provisioning Reference Designation
HK - Parts Manual Description
HM - Basis of Issue
HN - Provisioning Serial Number Usable On Code
HO - Provisioning System/End Item Usable On Code
HP - Design Change Information
HQ - Serial Number Effectivity
HR - Design Change Usable on Code
HX - Design Change Document Data
HY - Part Application Identification Document Data
HZ - CAGE Reference Number Document Data

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# PRODUCTION & DEPLOYMENT PHASE

- Formulate T & E Strategy (e.g., Critical Issues to be Examined and Planned Testing to Resolve These Issues)
- Establish T & E Program Objectives and Criteria and Identify Test Resources, Procedures, and Schedules
- Develop System Support Package Component List

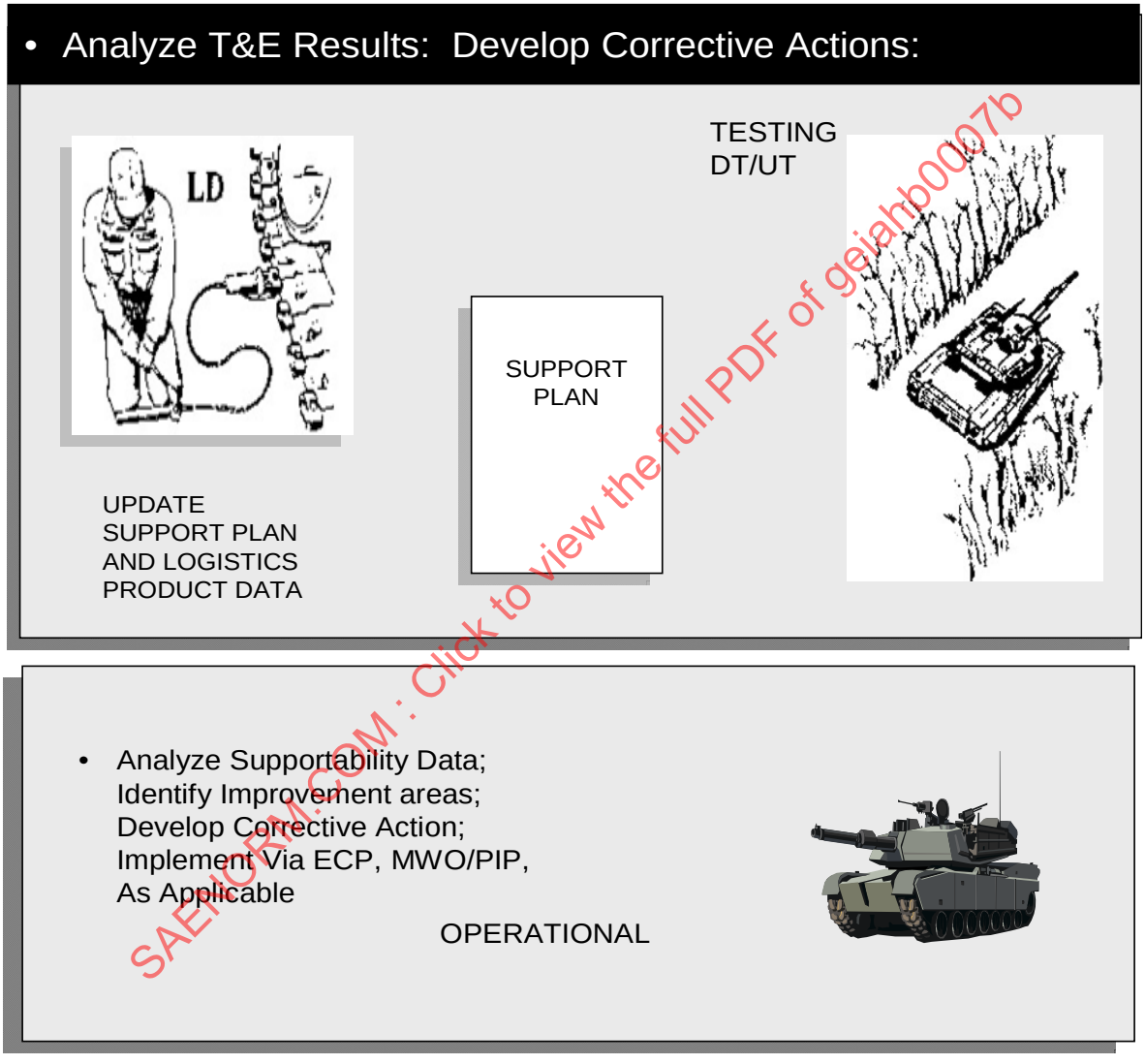


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FIGURE 4 - PRODUCTION & DEPLOYMENT PHASE

## 2.5 Operations & Support Phase/Provide Support

### 2.5.1 DOD Life Cycle Framework and TA-STD-0017 Analyses

Perform Materiel Fielding Analysis (Activity 13)
Perform Post Product Support Analysis (Activities 14, 15, and16)

### 2.5.2 AP239 Activity Model Analyses

Analyze support feedback
Collect data and provide feedback

Figure 5 provides a pictorial view of the activities/tasks and desired outcomes that occur during the Operation and Support Phase/Provide Support Activity. Field feedback regarding supportability of the system and identification of post product support problems are important aspects of this phase. Collecting and analyzing field feedback information can affect the existing support solution and lead to new design solutions. The loss or impending loss of sources of supply can result in organic manufacturing; modification of existing design to accommodate new sources; or intensive management of existing sources decisions. Each of these decisions must be analyzed from a cost and risk standpoint to establish the best post production support approach.

### 2.5.3 Logistics Product Data Generated (by Entity)

All Entities and Attributes, As Appropriate

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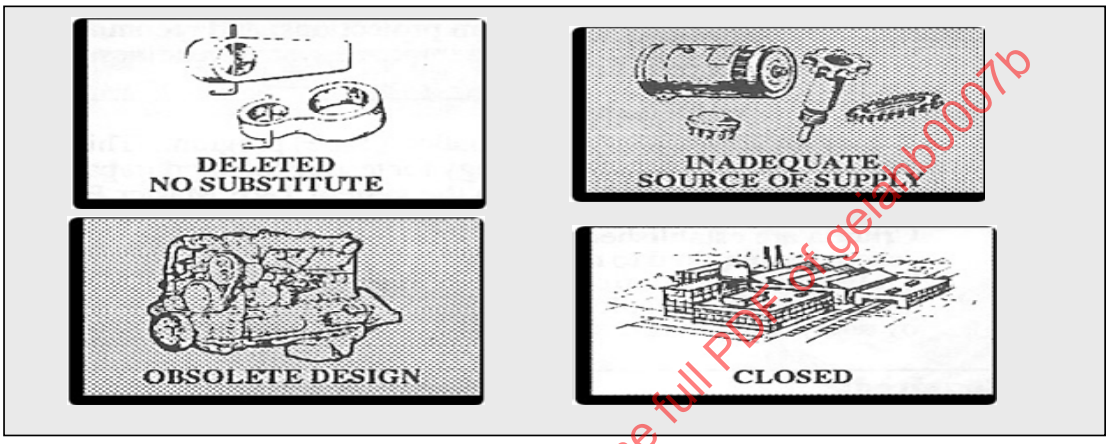
## Operation & Support Phase

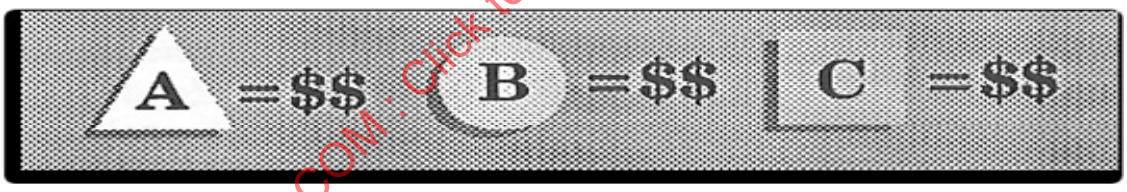
Subtasks:

- Develop and Document a Post Production Support Analysis Plan (PPSAP) Which Will:

- Identify Potential Post Production Support Problem




- Analyze Alternative Solutions and Their Costs and Risks




- Outline Estimated Funding and Actions Required to Implement Preferred Solution(s), E.G.

- Establish Manufacturing/Repair Capabilities
- Modify Technical Data Package
- Intensify Supply Management of Critical Items

FIGURE 5 - OPERATION & SUPPORT PHASE

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# 3. CHAPTER 3, LOGISTICS PRODUCT DATA ENTITIES AND ATTRIBUTES

## 3.0 Introduction

The Logistics Product Data Entities, Attributes and data element definitions are described in the main body of the standard (Section 2) and Appendix A. This section summarizes Logistics Product Data functional information for the following topics:

- Description
- Hardware Indenture Level Relationship
- When Required
- Data Source, Functional Responsibility/Interface Requirements
- Primary Use

## 3.1 "X" Entities - Cross Functional Requirements

**Description:**
The "X" entities have attributes that cross multiple functional areas or link various functional data entities. These entities include: functional and physical breakdown, LCN assignment and application of Usable on Codes (UOC), TM numbers, and Requiring Authority/Customer provided Level of Repair Analysis (LORA) modeling information.

**Hardware Indenture Level Relationship:**
"X" entity information will be used at any indenture level since it establishes the major keys for entry/storage/transfer of data in all entities.

**Data Source, Functional Responsibility/Interface Requirements:**
Information in portions of the "X" entities is provided by the Requiring Authority/Customer and may be included with the solicitation, or addressed at the Initial Integrated Product Team Meeting. This information is used to document supply, maintenance, and personnel data in support of tradeoff analysis and could be obtained from accomplishment of TA-STD-0017 Activities 4 through 8.

**Primary Use:**
The "X" entities provide the primary key fields for entry, storage and transfer of Logistics Product Data. It is also used to create the TA-HB-0007-1, LSA-126 Report.

## 3.2 "A" Entities - Operations and Maintenance Requirements

**Description:**
The "A" entities are structured to consolidate planned system operation, operating and maintenance environments information, and those system requirements that must be met.

**Hardware Indenture Level Relationship:**
"A" entity information is prepared for the entire system, to include Requiring Authority/Customer Furnished Equipment/Materiel, which will require operation/maintenance actions.

**When Required:**
Documented information for initial operation/maintenance tasks for the "A" entity is developed during the Materiel Solution Analysis/Generate Support Solution Phase. The "A" entity should be completed during Materiel Solution Analysis Phase via the Supportability & Supportability Related Design Factors Analysis. "A" entity information must be available prior to or concurrent with initiation of the Functional Requirements Analysis in the Materiel Solution Analysis Phase.

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**Data Source, Functional Responsibility/Interface Requirements:**
"A" entity information is normally developed by the Requiring Authority/Customer via accomplishment of TA-STD-0017, Activity 8, and made available in applicable program requirement documents/contracts.

**Primary Use:**
These entities document operational and maintenance concepts, supportability, and supportability related design constraints. "A" entity information is developed and documented in the Reliability, Availability, and Maintainability (RAM) Rationale Product. As data is updated, it is included in the Capabilities Development Document.

### 3.3 "B" Entities - Reliability, Availability, and Maintainability; Failure Modes, Effects and Critical Analysis; and Maintainability Analysis

**Description:**
These entities identify component functions, outline maintenance concepts used for design and support planning purposes, and identify imposed design conditions such as environmental, fail-safe, or nuclear hardness requirements. They summarize Reliability, Availability, and Maintainability (RAM) and related availability characteristics resulting from Failure Modes and Effects, Criticality Analyses (FMECA), Damage Mode and Effects Analysis used in survivability and vulnerability assessments and maintainability predictions; provide for evaluation of logistics functions impacting RAM; document results of the application of Reliability Centered Maintenance (RCM) logic; and provide for narratives related to potential system redesign. Reliability and Maintainability (R&M) parameter relationships are shown in Figures 6, 7, and 8.

**Hardware Indenture Level Relationship:**
"B" entities are prepared to an indenture level that supports allocation of R&M parameters. Other B entities are completed during the Technology Refinement/Generate Support Solution Phase for lower system indenture levels for each reparable item.

**When Required:**
"B" entities should be completed early in the Technology Development/Generate Support Solution Phase as results of R&M Analyses. This analysis is selectively applicable during the Materiel Solution Analysis/Generate Support Solution Phase but may be deferred to the Technology Development/Generate Support Solution Phase. Analysis results must be available to initiate Task Analysis, which may be selectively applied in the Technology Development/Generate Support Solution Phase.

**Data Source, Functional Responsibility/Interface Requirements:**
System functional requirements documented on the "B" entities are identified in the functional analysis step of the system engineering process and, via TA-STD-0017 Activity 9, initiated by the Requiring Authority/Customer, during Materiel Solution Analysis/Generate Support Solution. The Performing Activity is responsible for this analysis during subsequent phases. The results of FMECA or equivalent analysis must also be used as input for this task.

**Primary Use:**
The "B" entities provide input to reliability and maintainability products/analyses; are used to assess achievement of R&M goals; and to indicate corrective actions needed when specified requirements are not being met. It is also used to create the TA-HB-0007-1 LSA-050 and LSA-056 Reports.

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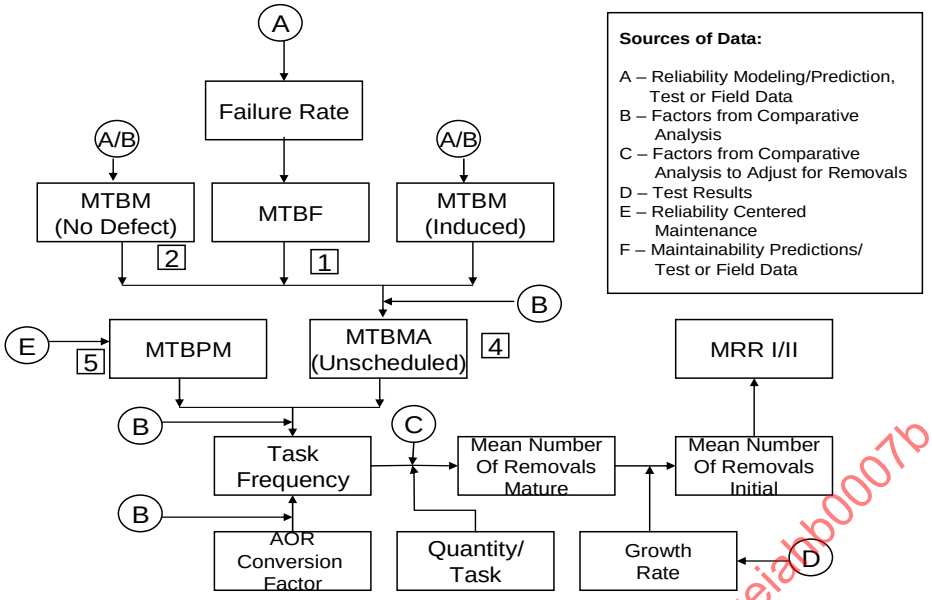


FIGURE 6 - RELIABILITY PARAMETER RELATIONSHIPS

Figures 6, 7 and 8 provide a pictorial relationship of the reliability, maintainability, and availability attributes contained in GEIA-STD-0007. The figures present a building block approach to calculating each of the attributes, although the specific calculations are contained in Appendix A of the standard. The Sources of Data legend contained in Figure 6 applies to the other figures and provides high level sources that could be used to develop the attributes. The numbered boxes indicate the parameters in Figures 6 and 7 that are used to calculate the availability attributes in Figure 8. Figure 6, Reliability Parameter Relationships, should be read from top to bottom, e.g., reliability modeling/prediction analysis or test/field feedback data would be used to establish an item's failure rate. Failure rate is used to calculate mean time between failure, which is used in Figure 8 to calculate inherent availability. The acronyms used in the figures are provided as follows:

MRR I/II - Maintenance Replacement Rate I & II
MTBPM - Mean Time Between Preventive Maintenance
MTBMA - Mean Time Between Maintenance Actions
MTBM - Mean Time Between Maintenance
MTBF - Mean Time Between Failure
MTTR - Mean Time To Repair
MDT - Mean Down Time
ALDT - Administrative and Logistics Delay Time
Ai - Inherent Availability
Ao - Operational Availability
Aa - Achieved Availability

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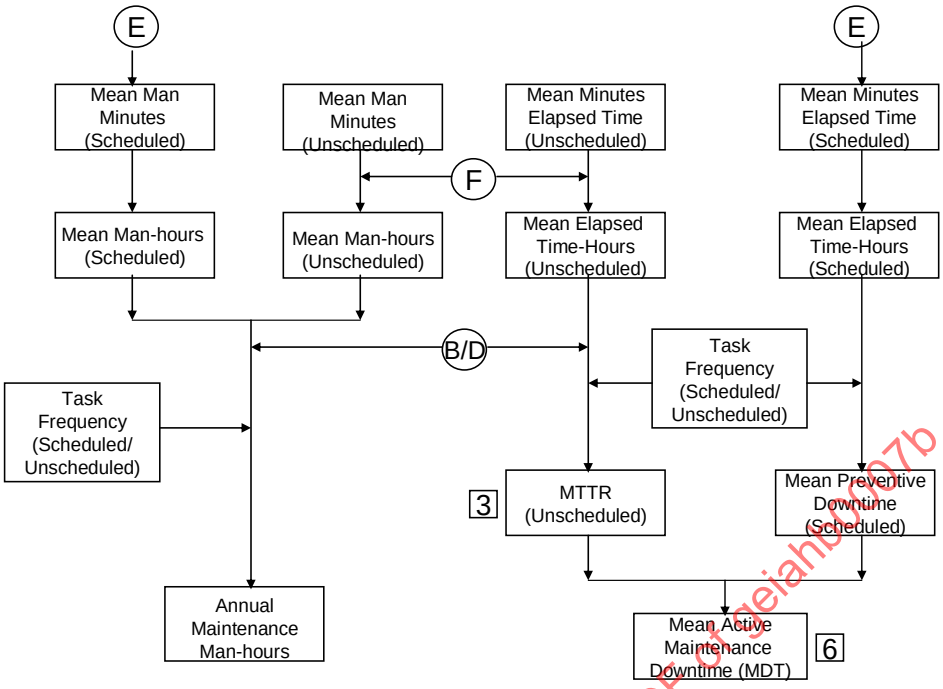


FIGURE 7 - MAINTAINABILITY PARAMETER RELATIONSHIPS

Figure 7, Maintainability Parameter Relationships, should also be read from top to bottom following the elapsed time (minutes and hours) and manpower (minutes and hours) relationship flows. The task frequency would be obtained from the Figure 6 reliability attributes.

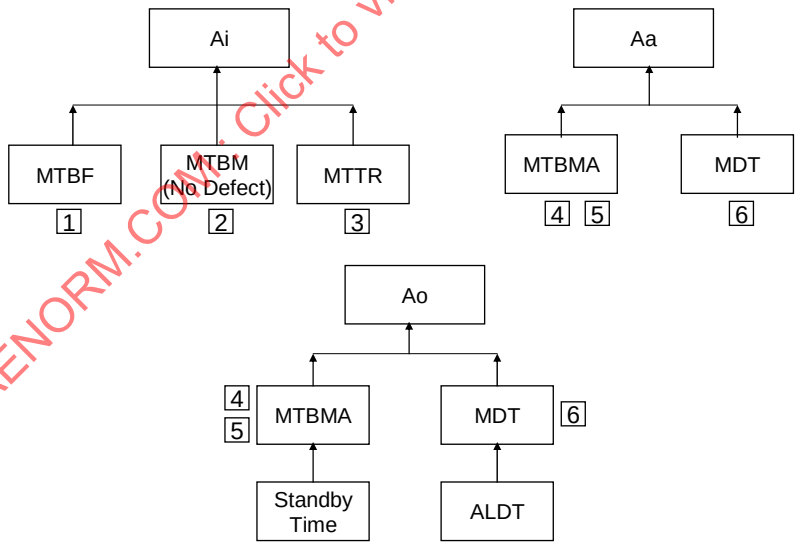


FIGURE 8 - RELIABILITY, MAINTAINABILITY AND AVAILABILITY PARAMETER RELATIONSHIPS

Figure 8, Reliability, Maintainability and Availability Parameter Relationships, should be read from the bottom up for each of the individual availability attributes. Standby time is an operational value and the administrative logistics delay time is normally a requiring authority/customer provided value based upon actual experience or field feedback.

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## 3.4 "C" Entities - Tasks Inventory, Task Analysis, Personnel and Support Requirements

**Description:**
These entities summarize Operation/Maintenance (O/M) data that consolidate O/M tasks for repairable assemblies. They also list support requirements (training equipment, facilities, tools, and support equipment); and identify task performance factors for skill positions required to operate/maintain the system. These entities result from analyses of RCM, maintainability, and maintenance tasks. The "C" entities provide detailed, step-by-step procedures for performance of tasks listed in a Task Product, to include specific skill specialty requirements and applicable task man-hours per skill specialty. These entities also provide data needed to develop TMs and IETMs (e.g., S1000D), training programs of instruction, supply support, and personnel requirements.

**Hardware Indenture Level Relationship:**
The "C" entity begins at the same indenture level as the "B" entities. During the Technology Development/Generate Support Solution Phase, they are prepared for all new or critical tasks identified. In the Engineering and Manufacturing Development/Generate Support Solution Phase, the entities are completed for all significant operation, maintenance, and support tasks.

**When Required:**
Initiation begins in Technology Development/Generate Support Solution as part of Functional Requirements Analysis. Selected data from Task Analysis are documented during and completed during Technology Development/Generate Support Solution with all data identified during the Engineering and Manufacturing Development/Generate Support Solution Phase.

**Data Source, Functional Responsibility/Interface Requirements:**
The Performing Activity is responsible for O/M Tasks accomplished via TA-STD-0017, Activity 12. Managing these analyses requires closer coordination since most system engineering disciplines and ILS functional elements are involved. Maintenance engineering must coordinate requirement training and technical publications. Design, human engineering, R&M, and safety also have review/input responsibility.

**Primary Use:**
The "C" entities allocate tasks by maintenance function/level; prepare draft maintenance publications; highlight maintenance tasks requiring new/modified training equipment, facilities, tools, and support equipment; summarize training, personnel and supply support requirements for each maintenance task; identify new/altered facility requirements; and new/unique support equipment, associated test programs, and tasks requiring these support items. It is also used to create the TA-HB-0007-1, LSA-001, LSA-004, LSA-019, LSA-024, LSA-068 and LSA-075 Reports.

## 3.5 "E" Entities - Support Equipment and Training Material Requirements

**Description:**
The "E" entities are structured to consolidate information describing existing or new support/test equipment or training material, calibration requirements, physical characteristic, and test parameters. These data help identify hardware and software elements required for off-line testing at applicable maintenance levels.

**Hardware Indenture Level Relationship:**
The "E' entity is required for each item of support/test/training equipment identified in the "C" entities. Each item listed that requires support, should also identify a function to be performed using that support item. All support items, tests, and training equipment should be documented via the "E" entities.

**When Required:**
The "E" entities are generally prepared during the Engineering and Manufacturing Development/ Generate Support Solution Phase.

**Data Source, Functional Responsibility/Interface Requirements:**
Support equipment and training materiel requirements identified via TA-STD-0017, Activity 12, are the responsibility of the Performing Activity. Evaluation criteria and tradeoff results from training tradeoffs and diagnostic tradeoffs accomplished in conjunction with TA-STD-0017, Activities 10 and 11 should be available for input to the analysis. Coordination with training specialists and Test, Measurement, and Diagnostic Equipment Code (TMDE) specialists may be necessary to describe/justify training and support test equipment requirements publications.

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**Primary Use:**
Data included on the “E” entities provide design information together with the more detailed description and justification required for Support Equipment Recommendation Data (SERD). Additional information from these entities provide for the TMDE Requirements Product, which may be used to propose entry of a new item of TMDE into the DA TMDE Register. A Support Equipment Tool List of all stock listed, commercial, modified, or developmental tools required can also be generated. It is also used to create the TA-HB-0007-1, LSA-070, LSA-071, LSA-072 and LSA-076 Reports.

## 3.6 “U” Entities - Unit Under Test Requirements Description

**Description:**
The “U” entities are structured to identify Unit Under Test (UUT), parameters to be measured, and applicable Test Program Sets (TPS) (unique combination of hardware/software elements) required at applicable maintenance levels to test the unit using support/test equipment identified in the “E” entities.

**Hardware Indenture Level Relationship:**
The “U” entity is required for each unit to be tested using support/test equipment defined in the “E” entities.

**When Required:**
The “U” entities are prepared from Task Analysis Results, generally during the Engineering and the Manufacturing Development/Generate Support Solution Phase. Coordination with the Training Community is required on any training equipment and device development actions.

**Data Source, Functional Responsibility/Interface Requirements:**
The Performing Activity is responsible for accomplishing TA-STD-0017, Activity 12, and unit under test functions that support troubleshooting of reparable items.

**Primary Use:**
“U” entities are used to develop the TMDE Requirements Product and the Calibration and Measurement Requirements Product, and to augment other support/test equipment related analysis. In addition, “U” entity information provides UUT configuration identification and identifies fault isolated replaceable units. It is also used to create the TA-HB-0007-1, LSA-070, LSA-071, LSA-072 and LSA-076 Reports.

## 3.7 “F” Entities - Facility Considerations

**Description:**
The “F” entities describe and justify all proposed, special, or added facility requirements that are indicated as a result of the maintenance task analysis. Sketches or other Digital Facility information may be included as part of these entities. These data are required to provide facility designers with technical information necessary to prepare facility plans.

**Hardware Indenture Level Relationship:**
The “F” entities are used for each facility requirement identified in the “C” entities. Each maintenance task described in the “C” entities that identifies a function requiring a facility should be documented in the “F” entities.

**When Required:**
The “F” entities are generally prepared during the Materiel Solution Analysis Phase/Generate Support Solution Phase.

**Data Source, Functional Responsibility/Interface Requirements:**
TA-STD-0017, Activity 12 provides source information for facility requirements. Facility designers have primary responsibility for the “F” entities.

**Primary Use:**
Facility Requirements are generated from data summarized in the “C” entities, which list all maintenance tasks which require facilities. The “F” entities are used by ILS managers to justify new or modified facility requirements. When specified by the requiring authority/customer, “F” entity can be used by facility planners to program work load requirements created by the new system at existing facilities. New/modified depot facility requirements documented in the “F” entities are included in the Depot Maintenance Interservice Data product. The technical information described in the “F” entities are used by facility designers to prepare facility plans.

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## 3.8 "G" Entities - Personnel Skill Considerations

**Description:**
The "G" entities describe and justify any new or modified personnel skills required to support the system/equipment at the applicable operations and maintenance levels.

**Hardware Indenture Level Relationship:**
The "G" entities document each new/modified personnel skill identified via task analysis, skill, and training analysis documented in the "C" entity. Operator/maintenance tasks identifying functions to be performed by a new or modified personnel skill should be documented in the "G" entities.

**When Required:**
The "G" entities information is prepared during the Engineering and Manufacturing Development/Generate Support Solution Phase.

**Data Source, Functional Responsibility/Interface Requirements:**
Training tradeoffs (TA-STD-0017, Activities 11.5 and 11.6), should be available as input to the skill evaluation. Training specialists are the primary preparers of "G" entities.

**Primary Use:**
A Training Task List is generated from data migrating from the "C" entities. It is a product by Skill Specialty Code (SSC) that rationalizes training recommendations and training location requirements. A Task Inventory Product is a listing of tasks required to operate and maintain the system. The "G" entity information provides specific input to the Consolidated Manpower, Personnel and Training product. This product summarizes critical FMECA data, task information, and new/modified skill requirement analysis. Additional information recorded via the "G" entities are used by ILS element managers/training specialists to prepare Qualitative and Quantitative Personnel Requirement Information (QQPRI), System Training Plans (STRAP), Individual and Collective Training Plans (ICTP), and resultant training documentation. It is also used to create the TA-HB-0007-1, LSA-075 Report.

## 3.9 "H" Entities - Packaging and Provisioning Requirements

**Description:**
These entities document parts data related to provisioning screening, packaging, price analysis, parts breakout coding, and common maintenance data. Data is completed for each item of a system to include repairable/nonrepairable items, bulk materials, common hardware, and common and peculiar support equipment. Other "H" entities capture application data of items identified by the static parts data entities. These include information that is dependent upon the specific application of the part, e.g., next higher assembly (NHA), quantity per assembly (QPA), source, maintenance and recoverability (SMR) code, Acquisition Method Code (AMC), etc.

**Hardware Indenture Level Relationship:**
Data is developed to an indenture level sufficient to support the maintenance and support concepts and provisioning documentation requirements of the acquisition. The indenture level is specified by the requiring authority/customer and may include nonrepairable piece-parts and assembles; bulk items; repairable end items, components and assemblies; tools, support, and training equipment; and support resources.

**When Required:**
The "H" entities are generally prepared during Engineering and Manufacturing Development /Commission Support System Phase.

**Data Source, Functional Responsibility/Interface Requirements:**
Entity completion requires a continuous interchange of information among personnel responsible for provisioning, packaging, cataloging, TM preparation, and maintenance planning. The Performing Activity is responsible for developing the "H" Entities Data via TA-STD-0017, Activity 12.

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**Primary Use:**
The “H” Entities are used to prepare Provisioning Technical Documentation; selection procedures to identify repair parts requirements to support fielded equipment; Provisioning Parts Breakout Product; recommended Spare Parts List for Spares Acquisition Integrated with Production (SAIP); and other provisioning oriented products; e.g., Indentured Parts List, Draft and a proof Repair Parts and Special Tools List (RPSTL), an Illustrated Parts Breakdown (IPB), a Stockage List Type Four, Authorization Items List, Components of End Item (COEI) List, Basic Issue Items (BII) List, Additional Authorization List (AAL), Expendable/Durable Supplies and Materials List (ESML), and Stockage List Type Three. It is also used to create the TA-HB-0007-1, LSA-009, LSA-025, LSA-030, LSA-032, LSA-036, LSA-040, LSA-068, LSA-078, LSA-080, LSA-151 and LSA-152 Reports.

### 3.10 “J” Entities - Transportability Considerations

**Description:**
The “J” entities are designed to capture transportability engineering requirements of an end item.

**Hardware Indenture Level Relationship:**
The “J” entity information is prepared for the end item in its shipping configuration. When sectionalized for transport, a “J” entity is completed for each section of the end item. It may also be completed for critical subcomponents. Removing external items and storing them inside the item during transport is not considered sectionalization.

**When Required:**
The “J” entities are generally prepared during the Technology Development/Generate Support Solution Phase as a result of transportability analysis.

**Data Source, Functional Responsibility/Interface Requirements:**
Transportation requirements/constraints identified by the requiring authority/customer via TA-STD-0017, Activity 12 should be available for transportability analysis. Evaluation criteria and results from transportability tradeoffs should also be available. Transportation specialists are the primary users of the “J” entities.

**Primary Use:**
Documented “J” entities are used by ILS element managers/transportation specialists to prepare transportability plans. The Transportability Product captures information critical to shipping and transport of major end items of equipment. It includes environmental/hazardous material information needed for safe transport of an item by air, highway, rail, and sea. It is also used to create the TA-HB-0007-1, LSA-085 Report.

## 4. CHAPTER 4, CONTRACTING FOR GEIA-STD-0007

### 4.0 Acquiring the Right Data

The extent of the identification of the required logistics data for an acquisition program depends primarily upon the supportability concept for the weapon system such as the maintenance concept (e.g., applicable levels of repair, the level of contractor support, etc.), the distribution concept (e.g., subject to strategic distribution, long term storage (war reserve requirements), return for repair, etc.), the complexity of the system, and the phase of the acquisition cycle. As development progresses and the basic design and operational characteristics are established, this identification becomes a process of analyzing specific design and operational data to identify detailed logistics support needs more completely. This analysis can be very costly and involve the development of a considerable amount of data. In determining the timing and scope of this analysis and the corresponding data, consider the following points:

a. Logistics support resource requirements for different system alternatives should only be identified to the level required for evaluation and tradeoff of the alternatives.

b. Logistics support resources must be identified in a time frame that considers the schedule of developing required documentation (e.g., Repair Parts and Special Tools List (RPSTL)) or completing a required action (e.g., initial provisioning).

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c. Different levels of data documentation can be applied to the identification of logistics support resource needs. For example, early in a program, supply support needs can be identified through documentation of only a few data products (e.g., Reference Number, Contractor and Government Entity (CAGE), Item Name, Provisioning Contract Control Number (PCCN), Weight, Dimensions, Long Lead Item Description, and Usable On Code (UOC)); later the total range of data products required to accomplish initial provisioning can be documented.

d. Different levels of data documentation can also be applied respective to the economics of development of the required data. For example, it may be more cost effective for the government to develop some or all of the Packaging and/or Transportation Data required for support of a system.

e. Detailed input data for identification of logistics support resource needs is generated by other systems engineering functions; for example, RAM failure rates drive the calculation of the provisioning Maintenance Replacement Rates. Therefore, analysis, documentation requirements, and timing must be coordinated between the systems engineering programs to avoid duplication of effort and to assure availability of required input data.

f. Data deliveries can be assessed and changed at Program Management Reviews, Technical Interchange meetings, and Working Group Meetings, or with contract modifications, as required.

g. Data requirements needed to validate contractor performance.

4.1 Identification of Multifunctional Data

Failure to adequately identify data requirements can be just as costly as purchasing too much data. To that end, each functional and engineering specialty area must play in the tailoring of the Logistics Product Data requirements, including manpower and human factors engineering personnel.

It is essential that coordination and interfacing of engineering disciplines and logistics functional elements be effected to maximize the usage of data developed by each program element. Effective coordination with related program elements can produce benefits by eliminating costly duplications of effort and redundant data deliveries. Results of analyses from other program elements can be used as source data for the Logistics Product Data. For example, inputs from the design, reliability, maintainability, human engineering, safety, and other engineering program elements may be required to satisfy the logistics requirements.

Data delivered under a tailored supportability program should consist of information required by the requiring authority/customer to conduct logistics planning and analysis, influence program decisions, assess design status, and verify performing activity performance. Below is a list of general areas of supportability that must be considered during product development. The individual requirements of the product's supportability concept should be taken into consideration when requesting data.

- Reliability and Maintainability
- Maintenance Planning
- Support and Test Equipment
- Supply Support
- Manpower, Personnel, and Training
- Facilities
- Packaging, Handling, Storage, and Transportation
- Cross Functional Analysis Data

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Figures 9 through 15 provide matrices of the logistics product data elements and the major products, for the above functional areas, that can be generated from the data contained in GEIA-STD-0007. These products can be generated using existing government and industry Logistics Support Analysis Record software. If a logistics product is specifically defined in the TechAmerica HB-0007-1 then the report number is contained in the matrix header (e.g. LSA-004 for MAC) along with the data requirements. The matrices identify the key fields required (K) when specific data elements are used, fields required to process and produce a product (P), specific data elements recommended to produce a meaningful product (X) and data elements that are used in computing other data elements (C). If a product only requires the keys from an entity or it uses all elements (to include keys), the matrices indicate this with an “All Keys” or “All Elements” designation, respectively. Similarly, if all elements of an entity are used to process a product, the entity will have a “Process All Elements” designation. The matrices provide a guide for identifying the specific data elements and related keys that are needed to produce specific logistics products. The matrices can be used to complete the Attribute Selection Sheet discussed later in this chapter.

### 4.1.1 Reliability and Maintainability Data

Data generated during the reliability and maintainability analysis process are documented in the B and C entities. The Failure Modes, Effects, and Criticality Analysis (FMECA) forms the basis for follow-on maintainability analysis, Reliability Centered Maintenance (RCM) analysis, and maintenance task analysis. In addition, this data is used for repair level analysis and repair versus discard analysis. Figure 9 provides a matrix of the data elements required to produce the FMECA and RCM products.

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| Figure 9<br>Logistics Product Data Products for<br>Reliability and Maintainability | Reliability Centered Maintenance LSA-050 | FMECA LSA-056 |
|---|---|---|
| XA Entity | All Keys | All Keys |
| | | |
| XB Entity | All Keys | All Keys |
| | | |
| XC Entity | All Keys | All Keys |
| | | |
| XF Entity | Process all Elements | Process all Elements |
| | | |
| XG Entity | Process all Elements | Process all Elements |
| | | |
| XH Entity | Process all Elements | Process all Elements |
| | | |
| AA Entity | K | |
| | | |
| required_achieved_availability | X | |
| required_inherent_availability | X | |
| reliability_centered_maintenance_logic_utilized | X | |
| | | |
| AG Entity | All Keys | |
| | | |
| annual_operating_requirement | X | |
| reliability_operational_requirement_indicator | X | |
| | | |
| BA Entity | K | K |
| | | |
| conversion_factor | X | |
| failure_rate_data_source | | X |
| reliability_availability_and_maintainability_item_function_narrative | | X |
| reliability_availability_and_maintainability_maintenance_concept_narrative | | X |
| reliability_availability_and_maintainability_minimum_equipment_list_narrative | | X |
| reliability_availability_and_maintainability_qualitative_and_quantitative_maintainability_requirements_narrative | | X |
| reliability_availability_and_maintainability_maintenance_plan_rationale_narrative | | X |
| | | |
| BB Entity | All Elements | All Elements |

FIGURE 9 - RELIABILITY AND MAINTAINABILITY PRODUCT MATRIX

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| Figure 9<br>Logistics Product Data Products for<br>Reliability and Maintainability | Reliability Centered Maintenance LSA-050 | FMECA LSA-056 |
|---|---|---|
| BC Entity | All Elements | All Elements |
| | | |
| BD Entity | K | K |
| | | |
| failure_rate | X | X |
| failure_rate_measurement_base | X | X |
| mean_time_between_preventive_maintenance | X | |
| mean_time_between_preventive_maintenance_ measurement_base | X | |
| | | |
| BF Entity | All Elements | All Keys |
| | | |
| engineering_failure_mode_mean_time_between_failure | | X |
| engineering_failure_mode_mean_time_between_failure_ measurement_base | | X |
| failure_mode_ratio | | X |
| failure_damage_mode_effect_end_effect_narrative | | X |
| failure_damage_mode_effect_local_narrative | | X |
| failure_damage_mode_effect_next_higher_narrative | | X |
| failure_cause_narrative | | X |
| failure_damage_mode_narrative | | X |
| failure_mode_detection_method_narrative | | X |
| failure_mode_predictability_narrative | | X |
| failure_mode_remarks_narrative | | X |
| failure_mode_redesign_recommendations_narrative | | X |
| | | |
| BH Entity | K | All Keys |
| | | |
| maintenance_interval | X | |
| maintenance_interval_measurement_base | X | |
| | | |
| BI Entity | All Keys | All Elements |
| | | |
| failure_effect_probability | X | |
| failure_mode_criticality_number | X | |
| failure_probability_level | X | |
| operating_time | | |
| operating_time_measurement_base | | |
| | | |
| BK Entity | | All Elements |
| | | |
| BL Entity | | All Elements |

FIGURE 9 - RELIABILITY AND MAINTAINABILITY PRODUCT MATRIX (CONTINUED)

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| Figure 9<br>Logistics Product Data Products for<br>Reliability and Maintainability | Reliability Centered Maintenance LSA-050 | FMECA LSA-056 |
|---|---|---|
| CA Entity | All Keys | |
| | | |
| referenced_end_item_acronym_code | P | |
| referenced_logistics_support_analysis_control_number | P | |
| referenced_alternate_logistics_support_analysis_control_ number | P | |
| referenced_logistics_support_analysis_control_number_ type | P | |
| referenced_task_code | P | |
| annual_operating_requirement_logistics_support_ analysis_control_number | P | |
| annual_operating_requirement_alternate_logistics_ support_analysis_control_number | P | |
| annual_operating_requirement_logistics_support_ analysis_control_number_type | P | |
| task_annual_operating_requirements_measurement _ base | X | |
| task_frequency | X | |
| measured_mean_elapsed_time | X | |
| predicted_mean_elapsed_time | X | |
| measured_mean_man_hours | X | |
| predicted_mean_man_hours | X | |
| | | |
| CB Entity | All Keys | |
| | | |
| CD Entity | All Keys | |
| | | |
| skill_specialty_code | X | |
| new_or_modified_skill_specialty_code | X | |
| subtask_mean_man_minutes | X | |
| | | |
| GA Entity | K | |
| skill_level_code | X | |
| | | |
| GB Entity | K | |
| | | |
| new_or_modified_ skill_level_code | K | |

FIGURE 9 - RELIABILITY AND MAINTAINABILITY PRODUCT MATRIX (CONTINUED)

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### 4.1.2 Maintenance Planning

These products provide maintenance planning information to the requiring authority/customer that may be used to develop initial fielding plans for the end item's support structure. The products may also be used to verify that the maintenance actions and support structure are aligned with the requiring authority's/customer's requirements and maintenance concept. The information contained within these products are associated with repairable items to the level of detail specified on contract. The repairable items are identified within the hierarchy of the end item broken down by an agreed upon configuration control method. Maintenance planning products identify all preventive and corrective maintenance actions along with the required spares and support equipment. The products also provide supporting information justifying the need for each maintenance action, e.g., elapsed time of maintenance actions; task frequency; failure rate of an item; Mean Time To Repair an item; and an item's man-hour allocation by maintenance action and level. Figure 10 provides a matrix of the data elements required to produce maintenance planning products such as Preliminary Maintenance Allocation Chart (PMAC), Maintenance Allocation Chart (MAC), Task Analysis, Maintenance Plan, and Preventive Maintenance, Checks and Services (PMCS). The Maintenance Plan Products have additional attributes that are calculated from the attributes in GEIA-STD-0007. These attributes and their respective calculations are provided below and should be included in contractual documents.

Below Depot Scrap Rate (BDSR)

The predicted number of times in one maintenance cycle that a field level repairable will be disposed of at the Organizational/Intermediate levels of maintenance (9 character numeric field with a 4 character decimal place).

$$BDSR = MTD(CBD)\ X\ MRR$$

MTD(CBD) - condemned_below_depot_maintenance_task_distribution
MRR - maintenance_replacement_rate_i

Depot Scrap Rate (DSR)

The expected percentage of the items scrapped at the depot level per maintenance cycle (9 character numeric field with a 3 character decimal place).

$$DSR = \frac{MTD(CAD)}{MTD(D) + MTD(CAD)}$$

MTD(CAD) - condemned_at_depot_maintenance_task_distribution
MTD(D) - depot_shipyard_ maintenance_task_distribution

Interval

The recommended operating hours, or usage rate, followed by an alpha character indicating the type of maintenance requirements for an item (9 character numeric field with a 1 character decimal place). The calculation and codes are as follows:

$$INTERVAL = \frac{AOR \times CF}{TF}$$

AOR - annual_operating_requirement
CF - conversion_factor
TF- task_frequency

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Interval Code (1 character alphabetic field):
P - Preventive
C - Corrective
T - Servicing
U - Calibration

Rotable Pool Factor (RPF)

The predicted number of times in one maintenance cycle that an item is removed from its next higher assembly at the Organizational/Intermediate level of maintenance, repaired at the Intermediate level and returned, ready for issue at this level (9 character numeric field with a 3 character decimal place).

$$RPF = [MTD(F) + MTD(H)] \; X \; MRR$$

MTD(F) - intermediate_direct_support_maintenance_task_distribution
MTD(H) - intermediate_general_support_ maintenance_task_distribution
MRR - maintenance_replacement_rate_i

Repair Survival Rate (RSR)

The percentage of nonserviceable repairable assets that will, through depot repair, be returned to serviceable condition (3 character numeric field).

$$RSR = \frac{MTD(D)}{MTD(D) + MTD(CAD)}$$

MTD (D) - depot_shipyard_ maintenance_task_distribution
MTD(CAD) - condemned_at_depot_maintenance_task_distribution

Rework Removal Rate (RRR)

The percentage of the total quantity of a repairable assembly installed in an end item, which will require some depth of rework concurrently with that end item (3 character numeric field). RRR = overhaul_replacement_rate.

System Attrition Rate (SAR)

The percentage of depot level repairable items that fail, which will not, through repair, be returned to a serviceable condition (3 character numeric field).

$$SAR = 1 - \frac{MTD(D)}{MTD(D) + MTD(CAD) + MTD(CBD)}$$

MTD(D) - depot_shipyard_ maintenance_task_distribution
MTD(CAD) - condemned_at_depot_maintenance_task_distribution
MTD(CBD) - condemned_below_depot_maintenance_task_distribution

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| **Figure 10<br>Logistics Product Data Products for Maintenance Planning** | **PMAC** | **MAC LSA-004** | **Task Analysis LSA-019** | **Maint Plan LSA-024** | **PMCS** |
|---|---|---|---|---|---|
| XA Entity | All Keys | All Keys | All Keys | All Keys | All Keys |
| | | | | | |
| XB Entity | K | K | K | K | K |
| alternate_logistics_support_analysis_ control_number | | | | X | |
| logistics_support_analysis_control_number | | | X | X | |
| | | | | | |
| logistics_support_analysis_control_number _ indenture_code | X | | | | |
| logistics_support_analysis_control_number _ nomenclature | X | | | X | X |
| technical_manual_functional_group_code | | X | X | X | |
| document_code | | | X | | |
| | | | | | |
| XC Entity | All Keys | All Keys | All Keys | K | All Keys |
| | | | | | |
| system_end_item_item_designator_code | | | | X | |
| usable_on_code | | | | X | |
| system/EI_provisioning_contract_control_ number | | | | X | |
| XF Entity | Process all Elements | Process all Elements | Process all Elements | Process all Elements | Process all Elements |
| | | | | | |
| XG Entity | Process all Elements | Process all Elements | Process all Elements | Process all Elements | Process all Elements |
| | | | | | |
| XH Entity | Process all Elements | All Keys | All Keys | All Keys | All Keys |
| | | | | | |
| XI Entity | | All Elements | All Elements | | Process all Elements |
| | | | | | |
| XT Entity | | | All Elements | | |
| | | | | | |
| XZ Entity | | | Process all Elements | | |

FIGURE 10 - MAINTENANCE PLANNING REPORT MATRIX

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| Figure 10<br>Logistics Product Data Products for Maintenance Planning | PMAC | MAC LSA-004 | Task Analysis LSA-019 | Maint Plan LSA-024 | PMCS |
|---|---|---|---|---|---|
| BA Entity | | | | K | All Keys |
| | | | | | |
| conversion_factor | | | | P | |
| security_clearance | | | | | |
| support_concept | | | | | |
| wearout_life | | | X | X | |
| wearout_life_measurement_base | | | X | X | |
| | | | | | |
| BB Entity | | | | All Elements | |
| | | | | | |
| reliability_availability_and_maintainability_maintenance_concept_narrative | | | | X | |
| reliability_availability_and_maintainability_maintenance_plan_rationale_narrative | | | | X | |
| | | | | | |
| BF Entity | | | | | All Keys |
| | | | | | |
| BH Entity | | | | | All Keys |
| | | | | | |
| CA Entity | K | K | K | K | K |
| | | | | | |
| referenced_end_item_acronym_code | P | P | P | P | P |
| referenced_logistics_support_analysis_control_ number | P | P | P | P | P |
| referenced_alternate_logistics_support_analysis_control_number | P | P | P | P | P |
| referenced_logistics_support_analysis_control_ number_type | P | P | P | P | |
| referenced_task_code | P | P | P | P | P |
| annual_operating_requirement_logistics_support_ analysis_control_number | | | P | P | |
| annual_operating_requirement_alternate_logistics_support_analysis_control_number | | | P | P | |
| annual_operating_requirement_logistics_support_ analysis_control_number_type | | | P | P | |
| task_annual_operating_requirements_measurement_ base | | | X | X | |
| task_frequency | C | C | X | X | |
| task_identification | | | | X | |
| hardness_critical_procedure_code | | | X | | |
| hazardous_maintenance_procedure_code | | | X | | |
| measured_mean_elapsed_time | | | X | | |
| predicted_mean_elapsed_time | | | X | | |
| measured_mean_man_hours | C | C | X | | |

FIGURE 10 - MAINTENANCE PLANNING REPORT MATRIX (CONTINUED)

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| Figure 10<br>Logistics Product Data Products for Maintenance Planning | PMAC | MAC LSA-004 | Task Analysis LSA-019 | Maint Plan LSA-024 | PMCS |
|---|---|---|---|---|---|
| predicted_mean_man_hours | C | C | X | | |
| facility_requirement_code | | | | | |
| training_equipment_requirement_code | | | | | |
| training_recommendation | | | | | |
| preventive_maintenance_checks_and_services_indicator_code | | | | | P |
| CB Entity | All Keys | | K | K | K |
| | | | | | |
| referenced_subtask_alternate_logistics_support_analysis_control_number | | | P | | P |
| referenced_subtask_end_item_acronym_code | | | P | | P |
| referenced_subtask_logistics_support_analysis_control_number | | | P | | P |
| referenced_subtask_logistics_support_analysis_control_number_type | | | P | | P |
| referenced_subtask_task_code | | | P | | P |
| referenced_subtask_number | | | P | | P |
| subtask_description | | | X | | X |
| subtask_mean_minute_elapsed_time | | | X | | |
| | | | | | |
| CD Entity | K | | K | K | |
| | | | | | |
| skill_specialty_code | X | | X | X | |
| new_or_modified_skill_specialty_code | X | | X | X | |
| subtask_mean_man_minutes | X | | X | C | |
| skill_specialty_evaluation_code | | | X | | |
| | | | | | |
| CE Entity | All Elements | All Elements | | | |
| | | | | | |
| CF Entity | All Elements | All Elements | | | |
| | | | | | |
| CG Entity | K | K | K | | |
| | | | | | |
| support_item_quantity_per_task | | | X | | |
| support_item_quantity_per_task_unit_of_. measure | | | X | | |
| | | | | | |
| CH Entity | | All Elements | | | All Elements |

FIGURE 10 - MAINTENANCE PLANNING REPORT MATRIX (CONTINUED)

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| Figure 10<br>Logistics Product Data Products for Maintenance Planning | PMAC | MAC LSA-004 | Task Analysis LSA-019 | Maint Plan LSA-024 | PMCS |
|---|---|---|---|---|---|
| CI Entity | All Keys | | K | K | |
| | | | | | |
| quantity_per_task | | | X | X | |
| quantity_per_task_unit_of_measure | | | X | | |
| | | | | | |
| CL Entity | | | All Elements | | |
| | | | | | |
| CLL Entity | | | All Elements | | |
| CM Entity | | | All Elements | | |
| | | | | | |
| CN Entity | | | All Elements | | |
| | | | | | |
| CO Entity | | | All Elements | | |
| | | | | | |
| CQ Entity | | | All Elements | | |
| | | | | | |
| CR Entity | | | All Elements | | |
| | | | | | |
| CS Entity | | | All Elements | | |
| | | | | | |
| CT Entity | | | All Elements | | |
| | | | | | |
| CU Entity | | | All Elements | | |
| | | | | | |
| CUU Entity | | | All Elements | | |
| | | | | | |
| CV Entity | | | All Elements | | |
| | | | | | |
| CW Entity | | | All Elements | | |
| | | | | | |
| EA Entity | K | K | K | K | |

FIGURE 10 - MAINTENANCE PLANNING REPORT MATRIX (CONTINUED)

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| Figure 10<br>Logistics Product Data Products for Maintenance Planning | PMAC | MAC LSA-004 | Task Analysis LSA-019 | Maint Plan LSA-024 | PMCS |
|---|---|---|---|---|---|
| support_equipment_item_category_code | P | X | X | X | |
| | | | | | |
| EF Entity | | | | All Keys | |
| | | | | | |
| HA entity | K | K | K | K | |
| | | | | | |
| item_name | X | X | X | X | |
| national_stock_number_federal_supply_ classification | | X | X | X | |
| national_stock_number_item_identification _code | | X | X | X | |
| national_stock_number_activity_code | | | X | X | |
| national_stock_number_cognizance_code | | | X | X | |
| national_stock_number_materiel_control_ code | | | X | X | |
| national_stock_number_special_materiel_ identification_code_materiel _management_aggregation_code | | | X | X | |
| special_maintenance_item_code | | | | X | |
| demilitarization_code | | | | X | |
| acquisition_method_code | | | | X | |
| acquisition_method_suffix_code | | | | X | |
| unit_of_issue | | | | X | |
| criticality_code | | | X | X | |
| circuit_breaker_type | | | X | | |
| HG Entity | K | | K | K | |
| | | | | | |
| quantity_per_assembly | X | | | X | |
| item_category_code | P | | X | X | |
| essentiality_code | X | | | | |
| source_maintenance_recoverability_code | X | | | X | |
| maintenance_replacement_rate_i | X | | | X | |
| indenture_code | | | | X | |
| hardness_critical_item | | | | X | |
| remain_in_place_indicator | | | | X | |
| recommended_minimum_system_stock_ level | | | | X | |
| organizational_maintenance_task_ distribution | | | | X | |
| intermediate_direct_support_maintenance _ task_distribution | | | | X | |
| intermediate_general_support_ maintenance_ task_distribution | | | | X | |

FIGURE 10 - MAINTENANCE PLANNING REPORT MATRIX (CONTINUED)

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| Figure 10<br>Logistics Product Data Products for Maintenance Planning | PMAC | MAC LSA-004 | Task Analysis LSA-019 | Maint Plan LSA-024 | PMCS |
|---|---|---|---|---|---|
| special_repair_activity_maintenance_task_ distribution | | | | X | |
| depot_shipyard_maintenance_task_ distribution | | | | X | |
| condemned_below_depot_maintenance_ task_distribution | | | | X | |
| condemned_at_depot_maintenance_task_ distribution | | | | X | |
| organizational_repair_cycle_time | | | | P | |
| intermediate_direct_support_repair_cycle_ time | | | | P | |
| intermediate_general_support_repair_ cycle_time | | | | P | |
| special_repair_activity_repair_cycle_time | | | | P | |
| depot_shipyard_repair_cycle_time | | | | P | |
| contractor_repair_cycle_time | | | | P | |
| | | | | P | |
| HGA Entity | | | P | | |
| HH Entity | | | | K | |
| | | | | | |
| overhaul_replacement_rate_quantity | | | | X | |
| overhaul_replacement_indicator | | | | X | |
| | | | | | |
| HP Entity | | | | K | |
| | | | | | |
| interchangeability_code | | | | A | |

FIGURE 10 - MAINTENANCE PLANNING REPORT MATRIX (CONTINUED)

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4.1.3 Support and Test Equipment

These products provide data necessary to register, or verify the registry of, the support or test equipment in the requiring authority's/customer's inventory or provide detailed recommendations regarding the use of existing or new support equipment. They provide details of the Test Measurement and Diagnostic Equipment (TMDE) calibration procedures, technical parameters, and any piece of support equipment needed to support the required support equipment. Figure 11 provides a matrix of the data elements required to produce support and test equipment products, such as, Support Equipment List, Support Equipment Recommendation Data (SERD), TMDE Requirements, and Calibration Maintenance Requirements Summary (CMRS).

| **Figure 11 Logistics Product Data Products for Support & Test Equipment** | **Spt. Equip List LSA-071** | **SERD LSA-070** | **TMDE Rqts. LSA-072** | **CMRS LSA-076** |
|---|---|---|---|---|
| XA Entity | All Keys | All Keys | All Keys | All Keys |
| | | | | |
| XB Entity | K | K | K | K |
| | | | | |
| logistics_support_analysis_control_number_ nomenclature | X | X | X | X |
| technical_manual_functional_group_code | | X | | |
| | | | | |
| XC Entity | K | K | K | K |
| | | | | |
| system_end_item_item_designator_code | | X | | |
| | | | | |
| XF Entity | Process all Elements | | Process all Elements | Process all Elements |
| | | | | |
| XG Entity | Process all Elements | | Process all Elements | Process all Elements |
| | | | | |
| XH Entity | All Elements | All Keys | All Keys | All Keys |
| AG Entity | | K | | K |
| | | | | |
| required_technical_mean_time_between_ failures | | | | X |
| | | | | |
| BA Entity | | K | | K |
| | | | | |
| conversion_factor | | X | | |
| | | | | |
| BD Entity | | K | | K |
| | | | | |
| maximum_time_to_repair | | | | |
| mean_time_between_failure_technical_measurement_ base | | X | | |

FIGURE 11 - SUPPORT AND TEST EQUIPMENT PRODUCT MATRIX

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| Figure 11<br>Logistics Product Data Products for<br>Support & Test Equipment | Spt. Equip List LSA-071 | SERD LSA-070 | TMDE Rqts. LSA-072 | CMRS LSA-076 |
|---|---|---|---|---|
| mean_time_between_failures_operational | | | | X |
| mean_time_between_failures_technical | | X | | X |
| | | | | |
| CA Entity | K | All Keys | All Keys | K |
| | | | | |
| annual_operating_requirement_logistics_support_ analysis_control_number | | | | P |
| annual_operating_requirement_alternate_logistics_ support_analysis_control_number | | | | P |
| annual_operating_requirement_logistics_support_ analysis_control_number_type | | | | P |
| | | | | |
| task_identification | X | | | |
| measured_mean_elapsed_time | | | | X |
| | | | | |
| CB Entity | | | All Elements | |
| | | | | |
| CG Entity | Process all Keys | K | K | |
| | | | | |
| EA Entity | K | K | K | K |
| | | | | |
| support_equipment_item_category_code | P | X | | X |
| support_equipment_full_item_name | | | X | |
| acquisition_decision_office | | X | | |
| end_article_item_designator | | X | | |
| date_of_first_article_delivery | | X | X | |
| calibration_interval | | | X | X |
| calibration_measurement_requirement_summary _recommended | | X | | |
| calibration _standard | | X | | |
| calibration_time | | | X | |
| calibration_item | | X | | |
| calibration_required | | X | X | X |
| support_equipment_contract_number | | X | | |
| contractor_furnished_equipment_government_ furnished | | X | | |
| custody_code | | X | | |
| government_designator | | X | | |
| hardware_development_price | | X | | |
| integrated_logistics_support_price | | X | | |
| design_data_price | | X | | |
| extended_unit_price | | | X | |

FIGURE 11 - SUPPORT AND TEST EQUIPMENT PRODUCT MATRIX (CONTINUED)

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| Figure 11<br>Logistics Product Data Products for<br>Support & Test Equipment | Spt. Equip List LSA-071 | SERD LSA-070 | TMDE Rqts. LSA-072 | CMRS LSA-076 |
|---|---|---|---|---|
| pass_thru_price | | X | | |
| recurring_cost | | X | | |
| support_equipment_cost_price_currency_code | | X | X | |
| life_cycle_status | | | X | |
| logistics_control_code | | | X | |
| logistics_decision_office | | X | | |
| managing_command_agency | | | X | |
| management_plan | | X | | |
| mobile_facility_code | | X | | |
| operating_height | | X | X | |
| operating_length | | X | X | |
| operating_weight | | X | X | |
| operating_width | | X | X | |
| operating_dimensions_unit_of_measure | | X | X | |
| operating_weight_unit_of_measure | | X | X | |
| support_equipment_source_maintenance_ recoverability_code | X | X | | |
| technical_manual_required_code | | X | | |
| preparing_activity | | X | | |
| program_element | | X | | |
| program_support_inventory_control_point | | X | | |
| revolving_assets | | X | | |
| support_equipment_required | | X | | |
| support_equipment_service_designator | | X | | |
| using_service_designator_code | | X | | |
| sketch | | X | | |
| spare_factor | | X | | |
| special_management_code | | X | | |
| standard_interservice_agency_serial_control_ number | | X | | |
| storage_dimensions_unit_of_measure | | X | | |
| storage_height | | X | | |
| storage_length | | X | | |
| storage_weight | | X | | |
| storage_weight_unit_of_measure | | X | | |
| support_equipment_mean_time_between_ failures | | | X | X |
| support_equipment_mean_time_to_repair | | | X | |
| support_equipment_repair_operations_ maintenance_level | | | X | |
| operators_manual | | | X | |
| skill_specialty_code_for_support_equipment_ operator | | | X | |
| self_test_code | | | X | |
| storage_width | | X | | |

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FIGURE 11 - SUPPORT AND TEST EQUIPMENT PRODUCT MATRIX (CONTINUED)

| Figure 11<br>Logistics Product Data Products for<br>Support & Test Equipment | Spt. Equip List LSA-071 | SERD LSA-070 | TMDE Rqts. LSA-072 | CMRS LSA-076 |
|---|---|---|---|---|
| support_equipment_shipping_dimensions_unit_ of_measure | | X | | |
| support_equipment_shipping_height | | X | | |
| support_equipment_shipping_length | | X | | |
| support_equipment_shipping_weight | | X | | |
| support_equipment_shipping_weight_unit_of_ measure | | X | | |
| support_equipment_shipping_width | | X | | |
| technical_evaluation_priority_code | | X | | |
| type_equipment_code | | X | | |
| test_measurement_and_diagnostic_equipment_ register_code | | | X | |
| test_measurement_and_diagnostic_equipment_ register_index_number | | | X | |
| type_classfication | | | X | |
| printed_circuit_board_repair_operations_main_ level | | | | X |
| support_equipment_calibration_operations_ main_level | | | | X |
| support_equipment_repair_operations_ maintenance_level | | | | X |
| operators_manual | | | | X |
| year_of_fielding | | X | | |
| support_equipment_functional_analysis_narrative | X | X | X | |
| support_equipment_description_and_function_narrative | | X | X | |
| support_equipment_nonproliferation_effort_narrative | | X | X | |
| support_equipment_characteristics_narrative | | X | X | |
| support_equipment_installation_factors_or_other_ facilities_narrative | | X | X | |
| support_equipment_additional_skills_and_special_ training_requirements_narrative | | X | X | |
| support_equipment_explanation_narrative | | X | X | |
| support_equipment_justification_narrative | | X | X | |
| | | | | |
| EB Entity | | All Elements | | |
| | | | | |
| EC Entity | | K | K | K |
| | | | | |
| support_equipment_parameter | | | X | X |
| support_equipment_parameter_accuracy | | | X | X |
| support_equipment_parameter_range_from | | | X | X |
| support_equipment_parameter_range_to | | | X | X |
| support_equipment_parameter_input_ output_code | | | X | X |
| support_equipment_parameter_range_or_ value_code | | | X | X |

FIGURE 11 - SUPPORT AND TEST EQUIPMENT PRODUCT MATRIX (CONTINUED)

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| Figure 11<br>Logistics Product Data Products for<br>Support & Test Equipment | Spt. Equip List LSA-071 | SERD LSA-070 | TMDE Rqts. LSA-072 | CMRS LSA-076 |
|---|---|---|---|---|
| ED Entity | | All Elements | K | |
| | | | | |
| number_of_activities | | | C | |
| support_equipment_quantity_per_activity | | | C | |
| | | | | |
| EF Entity | | K | | All Keys |
| | | | | |
| support_equipment_recommendation_<br>data_date_of_initial_submission | | X | | |
| support_equipment_recommendation_<br>data_date_of_revision_submission | | X | | |
| support_equipment_recommendation_data_<br>revision_remarks | | X | | |
| support_equipment_recommendation_data_ status | | X | | |
| | | | | |
| EH Entity | | All Elements | | |
| | | | | |
| EI Entity | | | All Elements | |
| | | | | |
| EJ Entity | | All Elements | | |
| | | | | |
| EK Entity | | All Elements | All Keys | |
| | | | | |
| EL Entity | | All Elements | | |
| | | | | |
| EM Entity | | All Elements | | |
| | | | | |
| UA Entity | | All Elements | K | All Keys |
| | | | | |
| unit_under_test_explanation | | | X | |
| | | | | |
| UB Entity | | All Elements | All Keys | K |
| | | | | |
| unit_under_test_calibration_measurement_<br>requirement_recommended_code | | | | P |

FIGURE 11 - SUPPORT AND TEST EQUIPMENT PRODUCT MATRIX (CONTINUED)

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| Figure 11<br>Logistics Product Data Products for<br>Support & Test Equipment | Spt. Equip List LSA-071 | SERD LSA-070 | TMDE Rqts. LSA-072 | CMRS LSA-076 |
|---|---|---|---|---|
| UC Entity | | All Elements | K | |
| | | | | |
| operational_test_program_apportioned_unit_ cost_recurring | | | X | |
| operational_test_program_apportioned_unit_ cost_nonrecurring | | | X | |
| operational_test_program_coordinated_test_ plan | | | X | |
| operational_test_program_apportioned_unit_cost_ nonrecurring_recurring_ currency_code | | | X | |
| | | | | |
| UD Entity | | Process All Elements | Process All Elements | |
| | | | | |
| UE Entity | | All Elements | | |
| | | | | |
| UG Entity | | All Elements | All Keys | |
| | | | | |
| UH Entity | | All Elements | | |
| | | | | |
| UI Entity | | All Elements | K | |
| | | | | |
| adapter_interconnector_device_apportioned_unit_cost_ recurring | | | X | |
| adapter_interconnector_device_apportioned_unit_cost_ nonrecurring | | | X | |
| adapter_interconnector_device_apportioned_unit_cost_ nonrecurring recurring_ currency_code | | | X | |
| | | | | |
| UJ Entity | | Process all Elements | | |
| | | | | |
| UK Entity | | All Elements | | |
| | | | | |
| UL Entity | | Process all Elements | | |
| | | | | |
| UM Entity | | | | All Keys |

FIGURE 11 - SUPPORT AND TEST EQUIPMENT PRODUCT MATRIX (CONTINUED)

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| Figure 11<br>Logistics Product Data Products for<br>Support & Test Equipment | Spt. Equip List LSA-071 | SERD LSA-070 | TMDE Rqts. LSA-072 | CMRS LSA-076 |
|---|---|---|---|---|
| UN Entity | | | | K |
| | | | | |
| support_equipment_unit_under_test_calibrations_ measurement_requirements_summary_parameter_code | | | | P |
| support_equipment_unit_under_test_ parameter_accuracy | | | | X |
| support_equipment_unit_under_test_ parameter_input_output_code | | | | X |
| support_equipment_unit_under_test_ parameter | | | | X |
| support_equipment_unit_under_test_ parameter_range_from | | | | X |
| support_equipment_unit_under_test_ parameter_range_to | | | | X |
| support_equipment_unit_under_test_ parameter_range_value_code | | | | X |
| | | | | |
| HA entity | K | K | K | K |
| | | | | |
| item_name | X | X | X | X |
| national_stock_number_federal_supply_ classification | X | X | X | |
| national_stock_number_national_item_identification_ number | X | X | X | |
| national_stock_number_activity_code | X | X | X | |
| national_stock_number_cognizance_code | X | X | X | |
| national_stock_number_materiel_control_code | X | X | X | |
| national_stock_number_special_materiel_identification_ code_materiel _management_aggregation_code | X | X | X | |
| production_lead_time | | X | | |
| contractor_technical_information_code | | X | | |
| line_item_number | | | X | |
| | | | | |
| HB Entity | | All Elements | | |
| | | | | |
| HD Entity | K | K | K | |
| | | | | |
| price_provisioning | X | P | P | |
| unit_price | | X | X | |
| currency_code | X | X | X | |
| | | | | |
| HG Entity | K | K | All Keys | All Keys |
| | | | | |
| item_category_code | X | | | |
| source_maintenance_recoverability_code | | X | | |
| work_unit_code | | X | | |

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FIGURE 11 - SUPPORT AND TEST EQUIPMENT PRODUCT MATRIX (CONTINUED)

4.1.4 Supply Support

These products provide the requiring authority/customer with information on static and application-related hardware information that may be used to determine initial requirements and cataloging of support items to be procured through the provisioning process. These products may include the identification of the system breakdown, maintenance coding, maintenance replacement factors, overhaul rates, roll-up quantities, design change information, and associated parts manuals, as applicable. The products may show information on different categories of provisional items such as long lead items, bulk items, tools and test equipment, etc. Figure 12 provides a matrix of data elements required to produce supply support products, such as, support item lists, Indentured Parts Lists (IPL), Defense Logistics Information Service (DLIS) Screening, Provisioning Technical Documentation (PTD), Authorization List Items, Bill of Materials (BOM) List, and hazardous materials reporting.

| **Figure 12 Logistics Product Data Products for Supply Support** | **Spt Items List LSA-009** | **IPL LSA-030** | **Screening LSA-032** | **PTD LSA-036** | **Auth. Items LSA-040** | **BOM LSA-080** | **Hazardous Materials LSA-078** |
|---|---|---|---|---|---|---|---|
| XA Entity | All Keys | All Keys | All Keys | | All Keys | K | All Keys |
| | | | | | | | |
| logistics_support_analysis_ control_number structure | | | | | | X | |
| | | | | | | | |
| XB Entity | All Keys | All Keys | All Keys | | | K | All Keys |
| | | | | | | | |
| logistics_support_analysis_ control_number_ indenture code | | | | | | X | |
| | | | | | | | |
| XC Entity | All Keys | K | K | K | K | K | All Keys |
| | | | | | | | |
| system_end_item_provisioning_ contract_control_number | X | X | X | X | X | X | |
| usable_on_code | X | X | X | X | X | X | |
| system_end_item_provisioning_ list_item_sequence_number | | X | X | X | | X | |
| system_end_item_ quantity_per_assembly | X | X | | X | | X | |
| system_end_item_quantity_per_ end_item | X | | X | X | X | | |
| system_type_of_change_code | | | | X | | X | |
| | | | | | | | |
| XD Entity | | | | K | | | |
| | | | | | | | |
| Serial_number_usable_on_code | | | | X | | | |
| | | | | | | | |
| XF Entity | | | | | | | All Keys |
| | | | | | | | |
| XG Entity | | | | | | | All Keys |

FIGURE 12 - SUPPLY SUPPORT PRODUCT MATRIX

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| Figure 12<br>Logistics Product Data Products for Supply Support | Spt Items List LSA-009 | IPL LSA-030 | Screening LSA-032 | PTD LSA-036 | Auth. Items LSA-040 | BOM LSA-080 | Hazardous Materials LSA-078 |
|---|---|---|---|---|---|---|---|
| XH Entity | K | All Keys | All Keys | All Keys | K | All Keys | K |
| | | | | | | | |
| commercial_and_government_ entity_name | | | | | X | | |
| commercial_and_government_ entity_street | | | | | X | | |
| commercial_and_government_ entity_city | | | | | X | | |
| commercial_and_government_ entity_state | | | | | X | | |
| commercial_and_government_ entity_nation | | | | | X | | |
| commercial_and_government_ entity_postal zone | | | | | X | | |
| | | | | | | | |
| XI Entity | | K | | | K | | |
| | | | | | | | |
| technical_manual_number | | X | | | X | | |
| | | | | | | | |
| CA Entity | | | | | | | K |
| | | | | | | | |
| referenced_end_item_acronym_ code | | | | | | | P |
| referenced_logistics_support_ analysis_ control_ number | | | | | | | P |
| referenced_alternate_logistics_ support_ analysis_control_number | | | | | | | P |
| referenced_logistics_support_ analysis_ control_ number_type | | | | | | | P |
| referenced_task_code | | | | | | | P |
| annual_operating_requirement_ logistics_ support_ analysis_control_number | | | | | | | P |
| annual_operating_requirement_ alternate_ logistics_support_analysis_ control_number | | | | | | | P |
| annual_operating_requirement_ logistics_ support_ analysis_control_number_type | | | | | | | P |
| task_annual_operating_ requirements_ measurement_ base | | | | | | | P |
| referenced_task_code | | | | | | | P |

FIGURE 12 - SUPPLY SUPPORT PRODUCT MATRIX (CONTINUED)

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| Figure 12<br>Logistics Product Data<br>Products for Supply Support | Spt Items List LSA-009 | IPL LSA-030 | Screening LSA-032 | PTD LSA-036 | Auth. Items LSA-040 | BOM LSA-080 | Hazardous Materials LSA-078 |
|---|---|---|---|---|---|---|---|
| task_annual_operating_ requirements | | | | | | | X |
| task_identification | | | | | | | X |
| task_frequency | | | | | | | X |
| CI Entity | | | | | | | All elements |
| | | | | | | | |
| HA Entity | K | K | K | K | K | K | K |
| | | | | | | | |
| item_name | X | X | X | X | X | X | X |
| item_name_code | | | | X | | | |
| reference_number_category_ code | | | X | X | | | |
| reference_ number_variation_code | | | X | X | | | |
| defense_logistics_information_ service_screening requirement_code | | | P | | | | |
| document_identifier_code | | | P | | | | |
| national_stock_number_federal_ supply_classification | X | X | | X | X | | |
| document_availability_code | | | | X | | | |
| acquisition_method_code | | | | X | | | |
| acquisition_method_suffix_code | | | | X | | | |
| contractor_technical_information _code | | | | X | | | |
| unit_of_measure | X | | | X | X | | X |
| unit_of_issue | | | | X | X | | |
| national_stock_number_national _item_identification_ number | X | X | | X | X | | |
| tools_and_test_equipment_list | | X | | X | | | |
| item_management_code | | | | X | | | |
| national_stock_number_ cognizance_code | | | | X | | | |
| national_stock_number_special_ material_identification code_materiel_management_ aggregation_code | | | | X | | | |
| national_stock_number_ materiel_control_code | | | | X | | | |
| national_stock_number_activity_ code | | | | X | | | |
| unit_of_issue_conversion_factor | | | | X | | | |
| shelf_life | X | | | X | | | |
| shelf_life_action_code | | | | X | | | |
| program_parts_selection_list | | | | X | | | |

FIGURE 12 - SUPPLY SUPPORT PRODUCT MATRIX (CONTINUED)

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| Figure 12<br>Logistics Product Data<br>Products for Supply Support | Spt Items List LSA-009 | IPL LSA-030 | Screening LSA-032 | PTD LSA-036 | Auth. Items LSA-040 | BOM LSA-080 | Hazardous Materials LSA-078 |
|---|---|---|---|---|---|---|---|
| production_lead_time | X | | | X | | | |
| special_material_content_code | X | | | X | | | |
| special_maintenance_item_code | X | | | X | | | |
| criticality_code | | | | X | | | |
| precious_metal_indicator_code | | | | X | | | |
| government_furnished_item_list | | | | X | | | |
| interim_support_items_ list | | | | X | | | |
| long_lead_time_item_ list | | | | X | | | |
| common_and_bulk_item_ list | | | | X | | | |
| repairable_items_ list | | | | X | | | |
| interim_released_item _list | | | | X | | | |
| installation_and_checkout_item_ list | | | | X | | | |
| authorization_stock_list | | | | X | | | |
| recommended_buy_list_item_ list | | | | X | | | |
| prescribed_load_list_item_list | | | | X | | | |
| system_support_package_ component_list | | | | X | | | |
| physical_security_pilferage_cod e | X | | | X | | | |
| automatic_data_processing_ equipment_code | | | | X | | | |
| demilitarization_code | | | | X | | | |
| material | | | | X | | | |
| hazardous_materials_storage_ cost | | | | | | | X |
| hazardous_waste_disposal_cost | | | | | | | X |
| hazardous_waste_storage_cost | | | | | | | X |
| hazardous_waste_cost_currency _code | | | | | | | X |
| | | | | | | | |
| HB Entity | | | K | K | | | |
| | | | | | | | |
| additional_reference_number_ reference_ number_ category _code | | | X | X | | | |
| additional_reference_number_ reference_ number_ variation _code | | | X | X | | | |
| | | | | | | | |
| HC Entity | | | | | | | |

FIGURE 12 - SUPPLY SUPPORT PRODUCT MATRIX (CONTINUED)

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| Figure 12<br>Logistics Product Data Products for Supply Support | Spt Items List LSA-009 | IPL LSA-030 | Screening LSA-032 | PTD LSA-036 | Auth. Items LSA-040 | BOM LSA-080 | Hazardous Materials LSA-078 |
|---|---|---|---|---|---|---|---|
| HD Entity | K | | | K | | | K |
| | | | | | | | |
| currency_code | X | | | | | | X |
| price_provisioning | X | | | P | | | X |
| price_lot_quantity_from | | | | | | | |
| price_lot_quantity_to | | | | | | | |
| price_concurrent_production_code | | | | | | | |
| price_type_of_price_code | X | | | P | | | X |
| price_fiscal_year | | | | | | | |
| HG Entity | K | K | K | K | K | K | K |
| | | | | | | | |
| provisioning_list_item_sequencing _number | X | X | X | X | | X | |
| quantity_per_assembly | X | A | | X | | X | |
| indenture_code | X | X | | X | | | |
| item_category_code | X | | | P | | | |
| long_lead_time_items_list_ provisioning_technical_ documentation | P | | | P | | | |
| provisioning_parts_list_ provisioning_technical_ documentation | P | | | P | | | |
| short_form_provisioning_parts_ list_provisioning_technical_ documentation | P | | | P | | | |
| common_and_ bulk_items_list _ provisioning_technical_ documentation | P | | | P | | | |
| repairable_item_list_ provisioning_technical_ documentation | P | | | P | | | |
| interim_support_items_list_ provisioning_technical_ documentation | P | | | P | | | |
| post_conference_list_ provisioning_technical_ documentation | P | | | P | | | |
| tool_and_test_equipment_list_ provisioning_technical_ documentation | P | | | P | | | |
| system_configuration_ provisioning_parts_list_ provisioning_technical_ documentation | P | | | P | | | |

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FIGURE 12 - SUPPLY SUPPORT PRODUCT MATRIX (CONTINUED)

| Figure 12 Logistics Product Data Products for Supply Support | Spt Items List LSA-009 | IPL LSA-030 | Screening LSA-032 | PTD LSA-036 | Auth. Items LSA-040 | BOM LSA-080 | Hazardous Materials LSA-078 |
|---|---|---|---|---|---|---|---|
| as_required_list_a_ provisioning_technical_ documentation | P | | | P | | | |
| as_required_list_b_provisioning_ technical_ documentation | P | | | P | | | |
| type_of_change_code | X | | | X | | | |
| quantity_per_end_item | X | | | X | X | | |
| prior_item_provisioning_list_item_ sequence_number | | | | X | | | |
| same_as_provisioning_list_item_ sequence_number | | | | X | | | |
| hardness_critical_item | | | | X | | | |
| remain_in_place_indicator | | | | X | | | |
| line_replacement_unit | | | | X | | | |
| essentiality_code | | | | X | | | |
| source_maintenance_and_ recoverability_code | X | X | X | X | X | X | |
| maintenance_replacement_rate_i | | X | | X | | X | |
| maintenance_replacement_rate_ii | | | | X | | | |
| maintenance_replacement_rate_ modifier | | | | X | | | |
| organizational_replacement_task_ distribution | | | | X | | | |
| intermediate_direct_support_ replacement_task_distribution | | | | X | | | |
| intermediate_general_support_ replacement_task_distribution | | | | X | | | |
| special_repair_activity_ replacement_task_distribution | | | | X | | | |
| depot_shipyard_replacement_ task_distribution | | | | X | | | |
| minimum_replacement_unit | | | | X | | | |
| maximum_allowable_operating_ time | | | | X | | | |
| maintenance_action_code | | | | X | | | |
| recommended_initial_system_ stock_buy | | | | X | | | |
| recommended_minimum_system_ stock_level | | | | X | | | |
| recommended_tender_load_list_ quantity | | | | X | | | |
| total_quantity_recommended | | | | X | | | X |
| organizational_maintenance_ task_distribution | | | | X | | | |

FIGURE 12 - SUPPLY SUPPORT PRODUCT MATRIX (CONTINUED)

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| Figure 12 Logistics Product Data Products for Supply Support | Spt Items List LSA-009 | IPL LSA-030 | Screening LSA-032 | PTD LSA-036 | Auth. Items LSA-040 | BOM LSA-080 | Hazardous Materials LSA-078 |
|---|---|---|---|---|---|---|---|
| intermediate_direct_support_ maintenance_task_distribution | | | | X | | | |
| intermediate_general_support_ maintenance_task_distribution | | | | X | | | |
| special_repair_activity_ maintenance_task_distribution | | | | X | | | |
| depot_shipyard_ maintenance_task_distribution | | | | X | | | |
| condemned_below_depot_ maintenance_task_distribution | | | | X | | | |
| condemned_at_depot_ maintenance_task_distribution | | | | X | | | |
| organizational_repair_cycle_time | | | | X | | | |
| intermediate_direct_support_ repair_cycle_time | | | | X | | | |
| intermediate_general_support_ repair_cycle_time | | | | X | | | |
| special_repair_activity_ repair_cycle_time | | | | X | | | |
| depot_shipyard_ repair_cycle_time | | | | X | | | |
| contractor_ repair_cycle_time | | | | X | | | |
| not_repairable_this_station | | | | X | | | |
| repair_survival_rate | | | | X | | | |
| designated_rework_point_one | | | | X | | | |
| designated_rework_point_two | | | | X | | | |
| work_unit_code | X | | | X | | | |
| allowance_item_code | | | | X | X | | |
| allowance_item_quantity | | | | X | X | | |
| provisioning_remarks | | | | X | | | |
| | | | | | | | |
| HH Entity | | All Keys | | K | | K | |
| | | | | | | | |
| next_higher_assembly_ provisioning_list_item_sequence_ number_ indicator | | | | X | | X | |
| overhaul_ replacement_rate | | | | X | | | |
| | | | | | | | |
| HJ Entity | | K | | K | K | | |
| | | | | | | | |
| reference_designation_code | | P | | X | P | | |
| technical_manual_code | | P | | | | | |
| figure_number | | X | | | | | |
| item_number | | X | | | | | |

FIGURE 12 - SUPPLY SUPPORT PRODUCT MATRIX (CONTINUED)

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| Figure 12 Logistics Product Data Products for Supply Support | Spt Items List LSA-009 | IPL LSA-030 | Screening LSA-032 | PTD LSA-036 | Auth. Items LSA-040 | BOM LSA-080 | Hazardous Materials LSA-078 |
|---|---|---|---|---|---|---|---|
| HK Entity | | K | | K | | | |
| | | | | | | | |
| technical_manual_functional_ group_code | | X | | X | K | | |
| technical_manual_indenture_ code | | X | | X | | | |
| quantity_per_figure | | X | | X | | | |
| technical_manual_change_ number | | | | X | | | |
| parts_manual_provisioning_ nomenclature | | X | | X | X | | |
| | | | | | | | |
| HM Entity | | All Elem ents | | All Elem ents | | | |
| | | | | | | | |
| HN Entity | | | | All Keys | | | |
| | | | | | | | |
| HO Entity | All Keys | All Keys | All Keys | All Keys | All Keys | All Keys | All Keys |
| | | | | | | | |
| HP Entity | | | | All Keys | | | |
| | | | | | | | |
| HQ Entity | | | | All Keys | | | |
| | | | | | | | |
| HR Entity | | | | All Keys | | | |

FIGURE 12 - SUPPLY SUPPORT PRODUCT MATRIX (CONTINUED)

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4.1.5 Manpower, Personnel and Training

These products provide information to the Requiring Authority/Customer so it can establish training plans and ensure that manpower and personnel constraints are met. The information contained within these reports identify corrective and preventive maintenance tasks, operations tasks, manpower estimates for each task by maintenance level, personnel skills required to perform the maintenance tasks, and any training required to allow these tasks to be performed. The information contained within this area is associated with items to the level of detail specified on contract. The items should be identified within the hierarchy of the end item broken down by an agreed upon configuration control method. Figure 13 provides a matrix of data elements required to produce manpower, personnel and training products, such as, manpower by skill and level of maintenance, training task lists, task inventory lists, Manpower Authorization Criteria Requirements (MARC), and special training equipment/device requirements.

| **Figure 13 Logistics Product Data Products for Manpower, Personnel & Training** | **Man-hours by Skill LSA-001** | **Training Task List** | **Task Inventory** | **MARC** | **MP&T LSA-075** | **Training Device Rqts** |
|---|---|---|---|---|---|---|
| XA Entity | All Keys | All Keys | All Keys | All Keys | All Keys | All Keys |
| | | | | | | |
| XB Entity | K | K | | K | K | K |
| | | | | | | |
| logistics_support_analysis_ control_number_ nomenclature | X | X | | X | X | X |
| technical_manual_functional_ group_code | X | X | | | | X |
| | | | | | | |
| XC Entity | All Keys | All Keys | | All Keys | All Keys | All Keys |
| | | | | | | |
| XF Entity | Process all Elements | Process all Elements | | Process all Elements | Process all Elements | Process all Elements |
| | | | | | | |
| XG Entity | Process all Elements | Process all Elements | | Process all Elements | Process all Elements | Process all Elements |
| | | | | | | |
| AE Entity | | | | | K | |
| | | | | | | |
| available_man_hour | | | | | X | |
| available_quantity | | | | | X | |
| | | | | | | |
| AG Entity | | | | K | | |
| | | | | | | |
| annual_operating_requirement_ measurement_base | | | | K | | |
| annual_operating_requirement | | | | C | | |

FIGURE 13 - MANPOWER, PERSONNEL & TRAINING PRODUCT MATRIX

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| Figure 13<br>Logistics Product Data Products for Manpower, Personnel & Training | Man-hours by Skill LSA-001 | Training Task List | Task Inventory | MARC | MP&T LSA-075 | Training Device Rqts |
|---|---|---|---|---|---|---|
| CA Entity | | K | K | K | All Keys | K |
| | | | | | | |
| referenced_end_item_acronym_ code | P | P | | P | | P |
| referenced_logistics_support_ analysis_control_number | P | P | | P | | P |
| referenced_alternate_logistics_ support_analysis_control_ number | P | P | | P | | P |
| referenced_logistics_support_ analysis_control_number_type | P | P | | P | | P |
| referenced_task_code | P | P | | P | | P |
| annual_operating_requirement_ logistics_ support_ analysis_control_number | P | P | | P | | P |
| annual_operating_requirement_ alternate_ logistics_ support_analysis_control_ number | P | P | | P | | P |
| annual_operating_requirement_ logistics_ support_ analysis_control_number_type | P | P | | P | | P |
| task_annual_operating_ requirements_ measurement_ base | X | X | | X | | X |
| task_frequency | X | X | | X | | |
| task_identification | X | X | X | X | | |
| task_criticality_code | | | | X | | |
| hardness_critical_procedure_ code | | | | | | |
| hazardous_maintenance_ procedure_code | | | | | | |
| measured_mean_elapsed_time | | | | | | X |
| predicted_mean_elapsed_time | | | | | | X |
| measured_mean_man_hours | | | | | | X |
| predicted_mean_man_hours | | | | | | X |
| training_equipment_requirement _code_type | X | | | | | P |
| training_location_rationale | | X | | | | |
| training_recommendation_type | | X | | | | |
| training_rationale | | X | | | | |
| task_condition_a | | X | | | | |
| task_condition_b | | X | | | | |
| task_condition_c | | X | | | | |
| task_performance_standard_a | | X | | | | |

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FIGURE 13 - MANPOWER, PERSONNEL & TRAINING PRODUCT MATRIX (CONTINUED)

| Figure 13<br>Logistics Product Data Products for Manpower, Personnel & Training | Man-hours by Skill LSA-001 | Training Task List | Task Inventory | MARC | MP&T LSA-075 | Training Device Rqts |
|---|---|---|---|---|---|---|
| task_performance_standard_b | | X | | | | |
| task_performance_standard_c | | X | | | | |
| CB Entity | K | | K | | | K |
| | | | | | | |
| referenced_subtask_alternate_ logistics_support_analysis_ control_ number | P | | | | | |
| referenced_subtask_end_item_ acronym_ code | P | | | | | |
| referenced_subtask_logistics_ support_analysis_control_ number | P | | | | | |
| referenced_subtask_logistics_ support_analysis_control_ number_type | P | | | | | |
| referenced_subtask_task_code | P | | | | | |
| referenced_subtask_number | P | | | | | |
| subtask_identification | | | X | | | |
| subtask_description | | | X | | | |
| element_indicator | | | X | | | |
| subtask_mean_minute_elapsed_ time | | | | | | P |
| | | | | | | |
| CD Entity | K | K | | K | K | K |
| | | | | | | |
| skill_specialty_code | X | X | | X | X | X |
| new_or_modified_skill_specialty _code | X | X | | X | X | X |
| subtask_mean_man_minutes | C | | | C | | P |
| skill_specialty_evaluation_code | X | | | | | |
| | | | | | | |
| CJ Entity | | | All Elements | | | |
| | | | | | | |
| CK Entity | | | All Elements | | | |
| | | | | | | |
| | | | | | | |
| GB Entity | | | | | K | |
| | | | | | | |
| duty_position_requiring_a_new_ or_ revised_skill | | | | | X | |
| recommended_civilian_grade | | | | | X | |
| recommended_military_rank_ rate | | | | | X | |

FIGURE 13 - MANPOWER, PERSONNEL & TRAINING PRODUCT MATRIX (CONTINUED)

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| Figure 13<br>Logistics Product Data Products for Manpower, Personnel & Training | Man-hours by Skill LSA-001 | Training Task List | Task Inventory | MARC | MP&T LSA-075 | Training Device Rqts |
|---|---|---|---|---|---|---|
| security_clearance | | | | | X | |
| test_score | | | | | X | |
| new_or_modified_skill_ additional_requirements_ narrative | | | | | X | |
| new_or_modified_skill_ educational_qualifications_ narrative | | | | | X | |
| new_or_modified_skill_ justification_narrative | | | | | X | |
| new_or_modified_skill_additional _training_requirements_narrative | | | | | X | |
| | | | | | | |
| GE Entity | | | | | All Elements | |
| | | | | | | |

FIGURE 13 - MANPOWER, PERSONNEL & TRAINING PRODUCT MATRIX (CONTINUED)

4.1.6 Packaging, Transportation and Facilities

These products identify packaging, handling, and storage requirements. They provide information relevant to the development of a transportability analysis report and identify the facilities required to maintain, operate, train, and test an item. The facilities may be commercial or government maintenance, training, mobile, and test facilities. The facility product information will help plan for any modification to an existing facility or development of a new facility. Figure 14 provides a matrix of the data elements required to produce packaging, transportation and facility products, such as, Packaging Requirements Data, Transportability Requirements, and Facility Requirements.

| Figure 14<br>Logistics Product Data Products for Packaging, Transportability & Facilities | Packaging Rqts LSA-025 | Transportability Rqts LSA-085 | Facility Rqts |
|---|---|---|---|
| XA Entity | All Keys | K | All Keys |
| | | | |
| type_acquisition | | X | |
| | | | |
| XB Entity | All Keys | K | K |
| | | | |
| logistics_support_analysis_control_number_ nomenclature | | X | X |
| sectionalized_item_transportation_indicator | | P | |
| | | | |
| XC Entity | K | K | K |
| | | | |
| XF Entity | | Process all Elements | |

FIGURE 14 - PACKAGING, TRANSPORTATION AND FACILITIES PRODUCT MATRIX

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| Figure 14<br>Logistics Product Data Products for Packaging, Transportability & Facilities | Packaging Rqts LSA-025 | Transportability Rqts LSA-085 | Facility Rqts |
|---|---|---|---|
| XG Entity | | Process all Elements | Process all Elements |
| | | | |
| XH Entity | All Keys | All Elements | All Keys |
| | | | |
| XI Entity | | | |
| | | | |
| XT Entity | | All Elements | |
| | | | |
| CA Entity | | | K |
| | | | |
| referenced_end_item_acronym_code | | | P |
| referenced_logistics_support_analysis_ control_number | | | P |
| referenced_alternate_logistics_support_analysis_control_ number | | | P |
| referenced_logistics_support_analysis_control_ number_type | | | P |
| referenced_task_code | | | P |
| annual_operating_requirement_logistics_support_ analysis_control_number | | | P |
| annual_operating_requirement_alternate_logistics_ support_analysis_control_number | | | P |
| annual_operating_requirement_logistics_support_ analysis_control_number_type | | | P |
| task_annual_operating_requirements_ measurement_ base | | | X |
| task_frequency | | | X |
| task_identification | | | X |
| hardness_critical_procedure_code | | | X |
| measured_mean_man_hours | | | X |
| predicted_mean_man_hours | | | X |
| facility_requirement_code_type | | | P |
| | | | |
| CD Entity | | | K |
| | | | |
| skill_specialty_code | | | X |
| new_or_modified_skill_specialty_code | | | X |
| subtask_mean_man_minutes | | | X |
| skill_specialty_evaluation_code | | | X |
| | | | |
| CG Entity | | | All Elements |

FIGURE 14 - PACKAGING, TRANSPORTATION AND FACILITIES PRODUCT MATRIX (CONTINUED)

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| Figure 14<br>Logistics Product Data Products for Packaging, Transportability & Facilities | Packaging Rqts LSA-025 | Transportability Rqts LSA-085 | Facility Rqts |
|---|---|---|---|
| EA Entity | | | K |
| | | | |
| operating_height | | | X |
| operating_length | | | X |
| operating_weight | | | X |
| operating_width | | | X |
| operating_dimensions_unit_of_measure | | | X |
| operating_weight_unit_of_measure | | | X |
| | | | |
| EI Entity | | | All Elements |
| | | | |
| FA Entity | | | All Elements |
| | | | |
| FE Entity | | | All Elements |
| | | | |
| HA entity | K | K | K |
| | | | |
| item_name | X | | X |
| national_stock_number_national_item_identification_number | X | X | X |
| national_stock_number_activity_code | | X | |
| national_stock_number_cognizance_code | | X | |
| national_stock_number_federal_supply_ classification | X | X | X |
| national_stock_number_materiel_control_code | | X | |
| national_stock_number_special_materiel_ identification_code_materiel_management_aggregation_code | X | X | |
| unit_size_height | X | | |
| unit_size_length | X | | |
| unit_size_width | X | | |
| unit_weight | X | | |
| hazardous_code | X | | |
| shelf_life | X | | |
| shelf_life_action_code | X | | |
| special_material_content_code | X | | |
| | | | |
| HF Entity | All Elements | | |
| | | | |
| HG Entity | All Keys | All Keys | |
| | | | |
| source_maintenance_and_recoverability_code | X | | |

FIGURE 14 - PACKAGING, TRANSPORTATION AND FACILITIES PRODUCT MATRIX (CONTINUED)

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| Figure 14<br>Logistics Product Data Products for Packaging, Transportability & Facilities | Packaging Rqts LSA-025 | Transportability Rqts LSA-085 | Facility Rqts |
|---|---|---|---|
| HP Entity | | | |
| | | | |
| HO Entity | All Keys | | |
| | | | |
| JA Entity | | K | |
| | | | |
| cargo_tiedown_narrative | | X | |
| sectionalized_identification | | X | |
| transportation_contract_number | | X | |
| proper_shipping_name | | X | |
| speed | | X | |
| towing_speed | | X | |
| military_unit_type | | X | |
| revision_date | | X | |
| theater_of_operation | | X | |
| nonoperational_fragility_factor | | X | |
| net_explosive_weight | | X | |
| transportation_shock_vibration_remarks_narrative | | X | |
| transportation_lifting_and_tiedown_remarks_narrative | | X | |
| transportation_projection_remarks_narrative | | X | |
| transportation_regulatory_requirements_narrative | | X | |
| transportation_remarks_narrative | | X | |
| transportation_special_service_and_equipment_narrative | | X | |
| transportation_sectionalized_remarks_narrative | | X | |
| transportation_transport_to_and_from_narrative | | X | |
| transportation_environmental_considerations_narrative | | X | |
| transportation_military_distance_classification_narrative | | X | |
| transportation_unusual_and_special_requirements_narrative | | X | |
| transportation_venting_and_protective_clothing_narrative | | X | |
| transportation_disaster_response_force_narrative | | X | |
| | | | |
| JB Entity | | All Elements | |
| | | | |
| JC Entity | | All Elements | |
| | | | |
| JE Entity | | All Elements | |
| | | | |
| JG Entity | | All Elements | |

FIGURE 14 - PACKAGING, TRANSPORTATION AND FACILITIES PRODUCT MATRIX (CONTINUED)

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4.1.7 Cross Functional Analysis Data

These products assist in the supportability analysis process and serve to check the correctness of data between functional areas within the standard. Validating tasks against the source, maintenance, and recoverability code; creating a visual representation of the design breakdown; and validating the assignment of provisioning list item sequence numbers can be accomplished using the reports identified in Figure 15.

| **Figure 15 Logistics Product Data Products for Cross Functional Analysis Data** | **Task to SMR LSA-068** | **Indenture Tree LSA-126** | **Prov Index LSA-151** | **PLISN Assignment LSA-152** |
|---|---|---|---|---|
| XA Entity | All Keys | K | All Keys | K |
| | | | | |
| logistics_support_analysis_control_number_structure | | X | | K |
| logistics_support_analysis_control_number_ nomenclature | X | | | |
| | | | | |
| XB Entity | K | K | All Keys | K |
| | | | | |
| logistics_support_analysis_control_number_indenture_ code | | X | | X |
| technical_manual_functional_group_code | | | | |
| | | | | |
| XC Entity | K | K | K | K |
| | | | | |
| system_end_item_provisioning_contract_control_ number | | X | X | X |
| system_end_item_provisioning_list_item_sequence_ number | | X | X | |
| system_end_item_type_of_change_code | | | X | |
| system_end_item_quantity_per_assembly | | | X | |
| system_end_item_quantity_per_end_item | | | X | |
| | | | | |
| XF Entity | | Process all Elements | Process all Elements | Process all Elements |
| | | | | |
| XG Entity | | Process all Elements | Process all Elements | Process all Elements |
| | | | | |
| XH Entity | | K | K | K |
| | | | | |
| CA Entity | K | | | |
| | | | | |
| task_identification | X | | | |

FIGURE 15 - CROSS FUNCTIONAL ANALYSIS DATA PRODUCT MATRIX

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| Figure 15<br>Logistics Product Data Products for<br>Cross Functional Analysis Data | Task to SMR LSA-068 | Indenture Tree LSA-126 | Prov Index LSA-151 | PLISN Assignment LSA-152 |
|---|---|---|---|---|
| CI Entity | K | | | |
| | | | | |
| task_provision_commercial_and_government_entity_code | X | | | |
| task_provision_reference_number | X | | | |
| task_provision_logistics_support_analysis_control_number | X | | | |
| task_provision_logistics_support_analysis_control_number_type | X | | | |
| task_provision_alternate_logistics_support_analysis_control_number | X | | | |
| | | | | |
| HA Entity | K | K | K | |
| | | | | |
| Item_name | X | X | X | |
| national_stock_number_federal_supply_classification | | X | | |
| national_stock_number_national_item_identification_number | | X | | |
| production_lead_time | | | X | |
| unit_of_measure | | | X | |
| | | | | |
| HG Entity | K | K | K | K |
| | | | | |
| provisioning_list_item_sequence_number | | X | X | X |
| type_of_change_code | | | X | |
| indenture_code | | X | X | X |
| source_maintenance_and_recoverability_code | X | X | X | |
| quantity_per_assembly | | | X | |
| quantity_per_end_item | | | X | |
| essentiality_code | | | X | |
| supression_indicator | | | | X |
| prior_item_provisioning_list_item_sequence_number | | | | X |
| same_as_provisioning_list_item_sequence_number | | | | X |
| data_status_code | | | | P |
| long_lead_time_items_list_provisioning_technical_documentation | | | P | P |
| provisioning_parts_list_provisioning_technical_documentation | | | P | P |
| short_form_provisioning_parts_list_provisioning_technical_documentation | | | P | P |
| common_and_bulk_items_list_provisioning_technical_documentation | | | P | P |
| repairable_items_list_provisioning_technical_documentation | | | P | P |

FIGURE 15 - CROSS FUNCTIONAL ANALYSIS DATA PRODUCT MATRIX (CONTINUED)

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| Figure 15<br>Logistics Product Data Products for<br>Cross Functional Analysis Data | Task to SMR LSA-068 | Indenture Tree LSA-126 | Prov Index LSA-151 | PLISN Assignment LSA-152 |
|---|---|---|---|---|
| interim_support_items_list_provisioning_technical_ documentation | | | P | P |
| post_conference_list_provisioning_technical_ documentation | | | P | P |
| tool_and_test_equipment_list_provisioning_technical_ documentation | | | P | P |
| system_configuration_provisioning_parts_list_ provisioning_technical_documentation | | | P | P |
| as_required_list_a_provisioning_technical_ documentation | | | P | P |
| as_required_list_b_provisioning_technical_ documentation | | | P | P |
| | | | | |
| HH Entity | | | K | K |
| | | | | |
| next_higher_assembly_provisioning_list_item_sequence _number_indicator | | | | X |
| | | | | |
| HO Entity | | All Keys | All Keys | |

FIGURE 15 - CROSS FUNCTIONAL ANALYSIS DATA PRODUCT MATRIX (CONTINUED)

## 4.2 Logistics Product Data Contracting Methodology

Chapter 2 defined the analysis and the logistics product data (by entity) generated during each phase of an equipment's life cycle. Specific attributes associated with each entity must be identified by the requiring authority/customer for exchange of the data from the performing activity. The Attribute Selection Sheet, in Appendix A, can be used to document the specific attributes that will be exchanged. The contract statement of work should define the scope and depth (e.g., hardware indenture level) of logistics analyses that will be performed. The resulting logistics product data for delivery will be identified using the Attribute Selection Sheet, DI-SESS-81758, Logistics Product Data, and the appropriate XML Schemas from Appendix C and D of the standard. For more information on logistics considerations that should be included in a solicitation and contract, see MIL-HDBK-502, Acquisition Logistics.

## 4.3 Delivery/Transfer of Logistics Product Data

Statement Of Work (SOW) - Cite the analyses that will generate the required Logistics Product Data and identify the requirement to document the results of the analyses in a Logistics product data repository.

Data Item Description (DID) - Cite DI-SESS-81758 in the contract for transfer/delivery of the relevant logistics product data. Attach the completed Attribute Selection Sheet identifying the specific attributes required (see Figures 9 through 15 for the data elements that are needed to produce the products). Cite the XML Schema and Types files in Appendix C and the business rules in Section 2 of the standard as the specific transport vehicle for the data. Identify the need for updates to the initial delivery/transfer of the data via the change process in the standard.

## 4.4 Delivery/Transfer of Task Analysis Data

SOW - Cite the task analysis and associated analyses (e.g., FMECA, RCM, Maintenance Task Analysis, etc.) that will generate the required Logistics Product Data and identify the requirement to document the results of the analyses in a Logistics product data repository.

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DID - Cite DI-SESS-81758 in the contract for transfer/delivery of the relevant logistics product data. Attach the completed Attribute Selection Sheet identifying the specific attributes required (see Figure 10 for the specific data elements required to produce this product). Cite the GEIA-STD-0007 XML Schema in Appendix C, of the standard, as the specific transport vehicle for the data. Note that the update code does not apply when using this specific data exchange set; it is considered a product with subsequent deliveries resulting in a complete set of data.

### 4.5 Delivery/Transfer of Packaging Data

SOW - Cite the analyses that will generate the required Logistics Product Data and identify the requirement to document the results of the analyses in a Logistics product data repository.

DID - Cite DI-SESS-81758 in the contract for transfer/delivery of the relevant logistics product data. Attach the completed Attribute Selection Sheet identifying the specific attributes required (see Figure 14 for the specific data elements to produce this product). Cite the lsa_025.txt file, from Appendix D, of the standard, as the specific transport vehicle for the data. The detailed format requirements for this file and the hardcopy version of the report are contained in TechAmerica HB-0007-1. If a hardcopy version of the report is required, cite DI-SESS-81759 and refer to the specific format for the LSA-025 Packaging Report in TA-HB-0007-1. Note that the change file process in Appendix C does not apply when using this specific data exchange set, it is considered a product with subsequent deliveries resulting in a complete set of data.

### 4.6 Delivery/Transfer of Provisioning/Cataloging Data

SOW - Cite the analyses that will generate the required Logistics Product Data and identify the requirement to document the results of the analyses in a Logistics product data repository.

DID - Cite DI-SESS-81758 in the contract for transfer/delivery of the relevant logistics product data. In addition, identify the specific provisioning technical documentation list that is required for delivery. Attach the completed Attribute Selection Sheet, Provisioning List Related Key/Element Data Section identifying the specific attributes required (see Figure 12 for the specific data elements required for this product). The Attribute Selection Sheet, Provisioning List Related Key/Element Data Section addresses the following provisioning transaction sets:

- Long Lead Time Items List (LLTIL)
- Provisioning Parts List (PPL)
- Short Form Provisioning Parts List (SFPPL)
- Interim Support Item List (ISIL)
- Post Conference List (PCL)
- Tools And Test Equipment List (TTEL)
- System Configuration Provisioning Parts List (SCPPL)
- Design Change Notice Data (DCN)
- Transaction Files As Required And Specified By The Requiring Authority

Note that provisioning transactions sets, cited above, have a different range and depth of attributes required and are normally related to specific points in the development life cycle of the system. Finally, cite the lsa_036.txt file from Appendix D, of the standard, as the specific transport vehicle for the data. Note that the details for this electronic file and hardcopy report are contained in TechAmerica HB-0007-1. If a hardcopy version of the report is required, cite DI-SESS-81759 and refer to the specific format for the LSA-036 Provisioning Requirements Report in TechAmerica HB 0007-1.

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4.7 Delivery of Logistics Product Data Reports

SOW - Cite the analyses from TA-STD-0017 that will generate the required Logistics Product Data and identify the requirement to document the results of the analyses in a Logistics product data repository.

DID - Cite DI-SESS-81759 in the contract for delivery of the specific logistics product data report required. The contract data requirements list should indicate the specific report contained in TechAmerica HB-0007-1 (e.g., Maintenance Allocation Chart (LSA-004)).

5. NOTES

5.1 A change bar (l) located in the left margin is for the convenience of the user in locating areas where technical revisions, not editorial changes, have been made to the previous issue of this document. An (R) symbol to the left of the document title indicates a complete revision of the document, including technical revisions. Change bars and (R) are not used in original publications, nor in documents that contain editorial changes only.

PREPARED BY SAE LIFE CYCLE LOGISTICS SUPPORTABILITY COMMITTEE

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APPENDIX A - ATTRIBUTE SELECTION SHEET

The Attribute Selection Sheet provides a checklist for identifying the data elements that will be included in a given transaction set. Each transaction set that will be traded between two organizations should have a separate Attribute Selection Sheet to document the required data. There are two sections to the Attribute Selection Sheet. The first section covers all of the data elements contained in all of the entities defined by Section 2 of the standard. The second section is strictly oriented toward those entities and elements that are required to produce the various provisioning technical documentation lists. For government contracts, the Attribute Selection Sheet can be attached to the DI-SESS-81758, Logistics Product Data, data item description, to document the elements required for delivery. Specific guidance on the use of the Attribute Selection Sheet is contained in Chapter 4 of this handbook.

| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| **XA Key Element**<br>end_item_acronym_code | | |
| **XA Elements** | | |
| administrative_lead_time | | |
| contract_number | | |
| contract_team_delay_time | | |
| cost_per_reorder_action | | |
| cost_per_requisition | | |
| demilitarization_cost | | |
| discount_rate | | |
| estimated_salvage_value | | |
| holding_cost_percentage | | |
| initial_bin_cost | | |
| initial_cataloging_cost | | |
| interest_rate | | |
| inventory_storage_space_cost | | |
| loading_factor | | |
| logistics_support_analysis_control_number_ structure | | |
| operation_level | | |
| operation_life | | |
| personnel_turnover_rate_civilian | | |
| personnel_turnover_rate_military | | |
| productivity_factor | | |
| recurring_bin_cost | | |
| recurring_cataloging_cost | | |
| retail_stockage_criteria | | |
| safety_level | | |
| support_of_support_equipment_cost_factor | | |
| transportation_cost | | |
| type_acquisition | | |
| type_of_supply_system_code | | |
| xa_end_item_currency_code | | |
| **XB Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| **XB Elements** | | |
| logistics_support_analysis_control_number_ indenture_code | | |
| logistics_support_analysis_control_number_ nomenclature | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| reliability_availability_and_maintainability_ indicator | | |
| sectionalized_item_transportation_ indicator | | |
| system_end_item_identifier | | |
| technical_manual_functional_group_code | | |
| document_code | | |
| work_area_code_zone | | |
| **XC Key Elements** | | |
| End_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| **XC Elements** | | |
| system_end_item_item_designator_code | | |
| system_end_item_provisioning_list_item_ sequence_number | | |
| system_end_item_quantity_per_assembly | | |
| system_end_item_quantity_per_end_item | | |
| system_end_item_type_of_change_code | | |
| transportation_end_item_indicator | | |
| usable_on_code | | |
| quantity_per_end_item_calculation_option_code | | |
| system_end_item_provisioning_contract_ control_number | | |
| **XD Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| serial_number_from | | |
| serial_number_to | | |
| **XD Element** | | |
| serial_number_usable_on_code | | |
| **XE Key Elements** | | |
| end_item_acronym_code | | |
| serial_number_item_logistics_support_analysis_ control_number | | |
| serial_number_item_alternate_logistics_support_ analysis_control_number_code | | |
| serial_number_item_logistics_support_analysis_ control_number_type | | |
| serial_number_system_logistics_support_ analysis_control_number | | |
| serial_number_system_alternate_logistics_ support_analysis_control_number_code | | |
| serial_number_system_logistics_support_ analysis_control_number_type | | |
| serial_number_from | | |
| serial_number_to | | |
| **XF Key Elements** | | |
| end_item_acronym_code | | |
| usable_on_code_item_logistics_support_ analysis_control_number | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| usable_on_code_item_alternate_logistics_ support_analysis_control_number_code | | |
| usable_on_code_item_logistics_support_ analysis_control_number_type | | |
| usable_on_code_system_logistics_support_ analysis_control_number | | |
| usable_on_code_system_alternate_logistics_ support_control_number_code | | |
| usable_on_code_system_logistics_support_ analysis_control_number_type | | |
| **XG Key Elements** | | |
| end_item_acronym_code | | |
| physical_logistics_support_analysis_control_ number | | |
| physical_alternate_logistics_support_analysis_ control_number_code | | |
| physical_logistics_support_analysis_control_ number_type | | |
| **XG Elements** | | |
| functional_logistics_support_analysis_control_ number | | |
| functional_alternate_logistics_support_analysis_ control_number_code | | |
| functional_logistics_support_analysis_control_ number_type | | |
| **XH Key** | | |
| commercial_and_government_entity_code | | |
| **XH Elements** | | |
| commercial_and_government_entity_city | | |
| commercial_and_government_entity_name | | |
| commercial_and_government_entity_nation | | |
| commercial_and_government_entity_postal_ zone | | |
| commercial_and_government_entity_state | | |
| commercial_and_government_entity_street | | |
| **XI Key** | | |
| technical_manual_code | | |
| **XI Element** | | |
| technical_manual_number | | |
| **XT Key Element** | | |
| document_id | | |
| originator_code | | |
| issue_number | | |
| security_classification | | |
| **XT Elements** | | |
| caption | | |
| document_file_extension | | |
| drawing | | |
| **XZ Key Elements** | | |
| document_id | | |
| end_item_acronym_code | | |
| originator_code | | |
| issue_number | | |
| security_classification | | |
| logistics_support_analysis_control_number | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| **AA Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| service_designator_code | | |
| **AA Elements** | | |
| crew_size | | |
| number_operation_locations | | |
| operational_mean_active_maintenance_downtime | | |
| reliability_centered_maintenance_logic_utilized | | |
| required_achieved_availability | | |
| required_inherent_availability | | |
| required_maximum_time_to_repair | | |
| required_operational_mean_time_to_repair | | |
| required_percentile | | |
| required_technical_mean_time_to_repair | | |
| technical_mean_active_maintenance_downtime | | |
| total_systems_supported | | |
| **AB Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| service_designator_code | | |
| operational_requirement_indicator | | |
| **AB Elements** | | |
| additional_requirements | | |
| annual_number_of_missions | | |
| annual_operating_days | | |
| annual_operating_time | | |
| mean_mission_duration | | |
| mean_mission_duration_measurement_base | | |
| required_administrative_and_logistics_delay_time | | |
| required_operational_availability | | |
| required_standby_time | | |
| additional_requirements | | |
| **AC Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| service_designator_code | | |
| operational_requirement_indicator | | |
| operations_and_maintenance_level_code | | |
| **AC Elements** | | |
| maintenance_level_maximum_time_to_repair | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| maintenance_level_scheduled_annual_man_hours | | |
| maintenance_level_percentile | | |
| number_of_systems_supported | | |
| maintenance_level_unscheduled_annual_man_hours | | |
| scheduled_man_hour_per_operating_hour | | |
| unscheduled_maintenance_mean_elapsed_time | | |
| unscheduled_maintenance_mean_man_hours | | |
| unscheduled_man_hour_per_operating_hour | | |
| **AD Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| service_designator_code | | |
| operational_requirement_indicator | | |
| operations_and_maintenance_level_code | | |
| **AD Elements** | | |
| daily_inspection_mean_elapsed_time | | |
| daily_inspection_mean_man_hours | | |
| mission_profile_change_mean_elapsed_time | | |
| mission_profile_change_mean_man_hours | | |
| periodic_inspection_mean_elapsed_time | | |
| periodic_inspection_mean_man_hours | | |
| postoperative_inspection_mean_elapsed_time | | |
| postoperative_inspection_mean_man_hours | | |
| preoperative_inspection_mean_elapsed_time | | |
| preoperative_inspection_mean_man_hours | | |
| turnaround_inspection_mean_elapsed_time | | |
| turnaround_inspection_mean_man_hours | | |
| **AE Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| service_designator_code | | |
| operational_requirement_indicator | | |
| operations_and_maintenance_level_code | | |
| skill_specialty_code | | |
| **AE Elements** | | |
| available_man_hour | | |
| available_quantity | | |
| utilization_ratio | | |
| **AG Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| annual_operating_requirement_measurement_base | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| **AG Elements** | | |
| annual_operating_requirement | | |
| reliability_operational_requirements_indicator | | |
| required_mean_time_between_removals | | |
| required_mean_time_between_effective_ function_failures | | |
| required_mean_time_between_noneffective_ function_failures | | |
| required_mean_time_between_system_aborts | | |
| required_operational_mean_time_between_ failures | | |
| required_operational_mean_time_between_ maintenance_actions | | |
| required_technical_mean_time_between_ failures | | |
| required_technical_mean_time_between_ maintenance_actions | | |
| **AH Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| interoperable_item_name | | |
| interoperable_item_number_type | | |
| **AH Elements** | | |
| interoperable_item_commercial_and_ government_entity_code | | |
| interoperable_item_federal_supply_classification | | |
| interoperable_item_national_item_identification_ number | | |
| interoperable_item_reference_number | | |
| interoperable_item_technical_manual_number | | |
| **AI Key Elements** | | |
| end_item_acronym_code | | |
| modeling_service_designator_code | | |
| modeling_operations_and_maintenance_level_ code | | |
| **AI Elements** | | |
| labor_rate | | |
| labor_rate_currency_code | | |
| number_of_shops | | |
| repair_work_space_cost | | |
| repair_work_space_cost_currency_code | | |
| required_days_of_stock | | |
| **AJ Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| operations_and_maintenance_level_from | | |
| operations_and_maintenance_level_to | | |
| **AJ Elements** | | |
| ship_distance | | |
| ship_time | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| **AK Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| **AK Element** | | |
| system_end_item_additional_supportability_parameters_narrative | | |
| system_end_item_additional_supportability_considerations_narrative | | |
| system_end_item_operational_mission_failure_definition_narrative | | |
| **BA Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| **BA Elements** | | |
| built_in_test_cannot_duplicate_percentage | | |
| built_in_test_detectability_level_percentage_group_1 | | |
| built_in_test_detectability_level_percentage_group_2 | | |
| built_in_test_retest_ok_percent | | |
| conversion_factor | | |
| failure_rate_data_source | | |
| fault_isolation_ambiguity_group_1 | | |
| fault_isolation_ambiguity_group_2 | | |
| fault_isolation_percent_failure_group_1 | | |
| fault_isolation_percent_failure_group_2 | | |
| logistics_considerations_accessibility | | |
| logistics_considerations_connectors | | |
| logistics_considerations_corrosion_rust_control | | |
| logistics_considerations_design_for_self_protection | | |
| logistics_considerations_fault_location | | |
| logistics_considerations_labeling | | |
| logistics_considerations_maintenance_ease | | |
| logistics_considerations_packaging_and_transportation | | |
| logistics_considerations_safety | | |
| logistics_considerations_skills | | |
| logistics_considerations_standardization | | |
| logistics_considerations_test_points | | |
| logistics_considerations_training | | |
| minimum_equipment_list_indicator | | |
| pilot_rework_overhaul_candidate | | |
| security_clearance | | |
| support_concept | | |
| wearout_life | | |
| wearout_life_measurement_base | | |
| reliability_availability_and_maintainability_maintenance_concept_narrative | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| reliability_availability_and_maintainability_ minimum_equipment_list_narrative | | |
| reliability_availability_and_maintainability_ qualitative_and_quantitative_maintainability_ requirements_narrative | | |
| reliability_availability_and_maintainability_ maintenance_plan_rationale_narrative | | |
| logistics_considerations_for_standardization_ narrative | | |
| logistics_considerations_for_accessibility_ narrative | | |
| logistics_considerations_for_maintenance_ ease_narrative | | |
| logistics_considerations_for_safety_ narrative | | |
| logistics_considerations_for_test_points_ narrative | | |
| logistics_considerations_for_skills_ narrative | | |
| logistics_considerations_for_training_ narrative | | |
| logistics_considerations_for_connectors_for_ ease_of_removal_narrative | | |
| logistics_considerations_for_packaging_and_ transportation_narrative | | |
| logistics_considerations_for_fault_location_ narrative | | |
| logistics_considerations_for_labeling_narrative | | |
| logistics_considerations_for_design_for_self_ protection_narrative | | |
| logistics_considerations_for_corrosion_and_rust _control_narrative | | |
| system_redesign_standardization_narrative | | |
| system_redesign_accessibility_narrative | | |
| system_redesign_maintenance_ease_narrative | | |
| system_redesign_safety_narrative | | |
| system_redesign_test_points_narrative | | |
| system_redesign_skills_narrative | | |
| system_redesign_training_narrative | | |
| system_redesign_connectors_for_ease_of_ removal_narrative | | |
| **BB Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| item_function_identifier | | |
| **BB Elements** | | |
| reliability_availabilty_and_maintainability_item_ function_narrative | | |
| **BC Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| item_function_identifier | | |
| failure_mode_indicator | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| **BD Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| reliability_availability_and_maintainability_indicator_code | | |
| **BD Elements** | | |
| achieved_availability | | |
| failure_rate | | |
| failure_rate_measurement_base | | |
| inherent_availability | | |
| inherent_maintenance_factor | | |
| maximum_time_to_repair | | |
| mean_time_between_failure_operational_measurement_base | | |
| mean_time_between_failure_technical_measurement_base | | |
| mean_time_between_failures_operational | | |
| mean_time_between_failures_technical | | |
| mean_time_between_maintenance_actions_operational | | |
| mean_time_between_maintenance_actions_operational_measurement_base | | |
| mean_time_between_maintenance_actions_technical | | |
| mean_time_between_maintenance_actions_technical_measurement_base | | |
| mean_time_between_maintenance_induced | | |
| mean_time_between_maintenance_induced_measurement_base | | |
| mean_time_between_maintenance_inherent | | |
| mean_time_between_maintenance_inherent_measurement_base | | |
| mean_time_between_maintenance_no_defect | | |
| mean_time_between_maintenance_no_defect_measurement_base | | |
| mean_time_between_preventive_maintenance | | |
| mean_time_between_preventive_maintenance_measurement_base | | |
| mean_time_between_removals | | |
| mean_time_between_removals_measurement_base | | |
| mean_time_to_repair_operational | | |
| mean_time_to_repair_technical | | |
| mean_time_between_system_aborts | | |
| mean_time_between_system_aborts_measurement_base | | |
| mean_time_between_effective_function_failures | | |
| mean_time_between_effective_function_failures_measurement_base | | |
| mean_time_between_noneffective_function_failures | | |
| mean_time_between_noneffective_function_failures_measurement_base | | |
| percentile | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| **BE Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| reliability_availability_and_maintainability_operational_requirement_indicator | | |
| reliability_availability_and_maintainability_indicator_code | | |
| **BE Elements** | | |
| administrative_and_logistics_delay_time | | |
| operational_availability | | |
| standby_time | | |
| **BF Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| failure_mode_indicator | | |
| **BF Elements** | | |
| engineering_failure_mode_mean_time_between_failure | | |
| engineering_failure_mode_mean_time_between_failure_measurement_base | | |
| failure_mode_classification | | |
| failure_mode_ratio | | |
| reliability_centered_maintenance_disposition_a | | |
| reliability_centered_maintenance_disposition_b | | |
| reliability_centered_maintenance_disposition_c | | |
| reliability_centered_maintenance_disposition_d | | |
| reliability_centered_maintenance_disposition_e | | |
| reliability_centered_maintenance_disposition_f | | |
| reliability_centered_maintenance_disposition_g | | |
| reliability_centered_maintenance_disposition_h | | |
| reliability_centered_maintenance_disposition_i | | |
| reliability_centered_maintenance_disposition_j | | |
| reliability_centered_maintenance_logic_results_01 | | |
| reliability_centered_maintenance_logic_results_02 | | |
| reliability_centered_maintenance_logic_results_03 | | |
| reliability_centered_maintenance_logic_results_04 | | |
| reliability_centered_maintenance_logic_results_05 | | |
| reliability_centered_maintenance_logic_results_06 | | |
| reliability_centered_maintenance_logic_results_07 | | |
| reliability_centered_maintenance_logic_results_08 | | |
| reliability_centered_maintenance_logic_results_09 | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| reliability_centered_maintenance_logic_ results_10 | | |
| reliability_centered_maintenance_logic_ results_11 | | |
| reliability_centered_maintenance_logic_ results_12 | | |
| reliability_centered_maintenance_logic_ results_13 | | |
| reliability_centered_maintenance_logic_ results_14 | | |
| reliability_centered_maintenance_logic_ results_15 | | |
| reliability_centered_maintenance_logic_ results_16 | | |
| reliability_centered_maintenance_logic_ results_17 | | |
| reliability_centered_maintenance_logic_ results_18 | | |
| reliability_centered_maintenance_logic_ results_19 | | |
| reliability_centered_maintenance_logic_ results_20 | | |
| reliability_centered_maintenance_logic_ results_21 | | |
| reliability_centered_maintenance_logic_ results_22 | | |
| reliability_centered_maintenance_logic_ results_23 | | |
| reliability_centered_maintenance_logic_ results_24 | | |
| reliability_centered_maintenance_logic_ results_25 | | |
| failure_damage_mode_effect_end_effect_ narrative | | |
| failure_damage_mode_effect_local_narrative | | |
| failure_damage_mode_effect_next_higher_ narrative | | |
| failure_cause_narrative | | |
| failure_damage_mode_narrative | | |
| failure_mode_detection_method_narrative | | |
| failure_mode_predictability_narrative | | |
| failure_mode_remarks_narrative | | |
| failure_mode_redesign_recommendations_ narrative | | |
| reliability_centered_maintenance_age_ exploration_narrative | | |
| reliability_centered_maintenance_reasoning_ narrative | | |
| reliability_centered_maintenance_redesign_ recommendation_narrative | | |
| **BH Key Elements** | | |
| end_item_acronym_code | | |
| failure_mode_task_logistics_support_analysis_ control_number | | |
| failure_mode_task_alternate_logistics_support_ analysis_control_number_code | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| failure_mode_task_logistics_support_analysis_control_number_type | | |
| failure_mode_task_failure_mode_indicator | | |
| task_requirement_logistics_support_analysis_control_number | | |
| task_requirement_alternate_logistics_support_analysis_control_number_code | | |
| task_requirement_logistics_support_analysis_control_number_type | | |
| task_code | | |
| **BH Elements** | | |
| maintenance_interval | | |
| maintenance_interval_measurement_base | | |
| task_type | | |
| **BI Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| failure_mode_indicator | | |
| mission_phase_code | | |
| **BI Elements** | | |
| failure_effect_probability | | |
| failure_mode_criticality_number | | |
| failure_probability_level | | |
| operating_time | | |
| operating_time_measurement_base | | |
| safety_hazard_severity_code | | |
| failure_mode_indicator_mission_characteristics_compensating_operator_action_provisions_narrative | | |
| failure_mode_indicator_mission_characteristics_compensating_design_provisions_narrative | | |
| **BK Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| mission_phase_code | | |
| reliability_availability_and_maintainability_safety_hazard_severity_code | | |
| **BK Elements** | | |
| reliability_availability_and_maintainability_item_criticality_number | | |
| **BL Key Element** | | |
| end_item_acronym_code | | |
| **BL Elements** | | |
| mission_phase_code | | |
| mission_phase_operational_mode | | |
| **CA Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| **CA Elements** | | |
| annual_operating_requirement_alternate_ logistics_support_analysis_control_number_ code | | |
| annual_operating_requirement_logistics_support _analysis_control_number | | |
| annual_operating_requirement_logistics_support _analysis_control_number_type | | |
| facility_requirement_code | | |
| hardness_critical_procedure_code | | |
| hazardous_maintenance_procedure_ code | | |
| measured_mean_elapsed_time | | |
| measured_mean_man_hours | | |
| predicted_mean_elapsed_time | | |
| predicted_mean_man_hours | | |
| preventive_maintenance_checks_and_services_ indicator_code | | |
| primary_means_of_detection | | |
| referenced_alternate_logistics_support_analysis _control_number_code | | |
| referenced_end_item_acronym_code | | |
| referenced_logistics_support_analysis_control_ number | | |
| referenced_logistics_support_analysis_control_ number_type | | |
| referenced_task_code | | |
| secondary_means_of_detection | | |
| task_annual_operating_requirement_ measurement_base | | |
| task_frequency | | |
| task_condition_a | | |
| task_condition_b | | |
| task_condition_c | | |
| task_criticality_code | | |
| task_performance_standard_a | | |
| task_performance_standard_b | | |
| task_performance_standard_c | | |
| task_identification | | |
| tool_support_equipment_requirement_code | | |
| training_equipment_requirement_code | | |
| training_location_rationale | | |
| training_rationale | | |
| training_recommendation_type | | |
| **CB Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| subtask_number | | |
| **CB Elements** | | |
| element_indicator | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| referenced_subtask_alternate_logistics_support_analysis_control_number_code | | |
| referenced_subtask_end_item_acronym_ code | | |
| referenced_subtask_logistics_support_analysis_control_number | | |
| referenced_subtask_logistics_support_analysis_control_number_type | | |
| referenced_subtask_task_code | | |
| referenced_subtask_number | | |
| subtask_identification | | |
| subtask_mean_minute_elapsed_time | | |
| subtask_work_area_code_access | | |
| subtask_work_area_code_zone | | |
| subtask_description | | |
| **CD Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| subtask_number | | |
| subtask_person_identifier | | |
| **CD Elements** | | |
| new_or_modified_skill_specialty_code | | |
| skill_specialty_code | | |
| skill_specialty_evaluation_code | | |
| subtask_mean_man_minutes | | |
| **CE Key Elements** | | |
| end_item_acronym_code | | |
| task_remarks_reference_code | | |
| **CE Element** | | |
| task_remarks | | |
| **CF Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| task_remarks_reference_code | | |
| **CG Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| task_support_commercial_and_government_entity_code | | |
| task_support_reference_number | | |
| **CG Elements** | | |
| support_item_quantity_per_task | | |
| support_item_quantity_per_task_unit_of_measure | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| **CH Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| technical_manual_code | | |
| **CI Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_provision_task_code | | |
| task_provision_commercial_and_government_entity_code | | |
| task_provision_reference_number | | |
| task_provision_logistics_support_analysis_control_number | | |
| task_provision_alternate_logistics_support_analysis_control_number_code | | |
| task_provision_logistics_support_analysis_control_number_type | | |
| end_item_acronym_code | | |
| **CI Elements** | | |
| quantity_per_task | | |
| quantity_per_task_unit_of_measure | | |
| **CJ Key Elements** | | |
| duty_code | | |
| job_code | | |
| **CJ Elements** | | |
| duty | | |
| job | | |
| **CK Key Elements** | | |
| job_code | | |
| duty_code | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| subtask_number | | |
| subtask_person_identifier | | |
| **CL Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| subtask_number | | |
| task_subtask_associated_narrative_code | | |
| **CL Element** | | |
| task_subtask_associated_narrative_ indicator | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| **CLL Key Elements** | | |
| caution_warning_note_identifier | | |
| **CLL Elements** | | |
| task_subtask_associated_narrative_type | | |
| task_subtask_associated_narrative | | |
| **CM Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| subtask_number | | |
| subtask_information_code | | |
| subtask_information_code_variant | | |
| subtask_disassembly_code | | |
| subtask_item_location_code | | |
| **CM Element** | | |
| graphic_source_identification | | |
| **CN Key Elements** | | |
| end_item_acronym_code | | |
| maintenance_procedure_identifier | | |
| **CN Elements** | | |
| document_code_logistics_support_analysis_control_number | | |
| document_code_alternate_logistics_support_analysis_control_number_code | | |
| document_code_logistics_support_analysis_control_number_type | | |
| maintenance_procedure_title | | |
| maintenance_procedure_maintenance_interval | | |
| maintenance_procedure_maintenance_interval_measurement_base | | |
| maintenance_procedure_task_type | | |
| maintenance_procedure_information_code | | |
| maintenance_procedure_information_code_variant | | |
| maintenance_procedure_disassembly_code | | |
| maintenance_procedure_item_location_code | | |
| **CO Key Elements** | | |
| end_item_acronym_code | | |
| maintenance_procedure_identifier | | |
| task_sequence_number | | |
| **CO Elements** | | |
| sequenced_task_end_item_acronym_code | | |
| sequenced_task_logistics_support_analysis_control_number | | |
| sequenced_task_alternate_logistics_support_analysis_control_number_code | | |
| sequenced_task_logistics_support_analysis_control_number_type | | |
| sequenced_task_code | | |
| reference_maintenance_procedure_end_item_acronym_code | | |
| reference_maintenance_procedure_identifier | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| **CQ Key Elements** | | |
| document_id | | |
| end_item_acronym_code | | |
| originator_code | | |
| issue_number | | |
| security_classification | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| subtask_number | | |
| **CR Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| subtask_number | | |
| subtask_support_commercial_and_government_entity_code | | |
| subtask_support_reference_number | | |
| **CR Elements** | | |
| support_item_quantity_per_subtask | | |
| support_item_quantity_per_subtask_unit_of_measure | | |
| **CS Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| subtask_number | | |
| subtask_provision_commercial_and_government_entity_code | | |
| subtask_provision_reference_number | | |
| subtask_provision_logistics_support_analysis_control_number | | |
| subtask_provision_alternate_logistics_support_analysis_control_number_code | | |
| subtask_provision_logistics_support_analysis_control_number_type | | |
| **CS Elements** | | |
| quantity_per_subtask | | |
| quantity_per_subtask_unit_of_measure | | |
| **CT Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| subtask_number | | |
| subtask_objective_state | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| **CU Key Elements** | | |
| circuit_breaker_end_item_acronym_code | | |
| circuit_breaker_logistics_support_analysis_ control_number | | |
| circuit_breaker_alternate_logistics_support_ analysis_control_number_code | | |
| circuit_breaker_logistics_support_analysis_ control_number_type | | |
| circuit_breaker_commercial_and_government_ entity_code | | |
| circuit_breaker_reference_number | | |
| circuit_breaker_identification_code | | |
| circuit_breaker_group_number | | |
| circuit_breaker_sequence_number | | |
| circuit_breaker_objective_state | | |
| **CUU Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| subtask_number | | |
| circuit_breaker_end_item_acronym_code | | |
| circuit_breaker_logistics_support_analysis_ control_number | | |
| circuit_breaker_alternate_logistics_support_ analysis_control_number_code | | |
| circuit_breaker_logistics_support_analysis_ control_number_type | | |
| circuit_breaker_commercial_and_government_ entity_code | | |
| circuit_breaker_reference_number | | |
| circuit_breaker_identification_code | | |
| circuit_breaker_sequence_number | | |
| circuit_breaker_objective_state | | |
| circuit_breaker_group_number | | |
| **CV Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| initial_scheduled_maintenance_interval | | |
| initial_scheduled_maintenance_interval_ measurement_base | | |
| **CV Elements** | | |
| subsequent_scheduled_maintenance_ interval | | |
| Subsequent_scheduled_maintenance_interval_ measurement_base | | |
| event_trigger | | |
| event_trigger_ end_item_acronym_code | | |
| event_trigger_logistics_support_analysis_control _number | | |
| event_trigger_alternate_logistics_support_ analysis_control_number_code | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| event_trigger_logistics_support_analysis_control_number_type | | |
| event_trigger_ task_code | | |
| **CW Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| initial_scheduled_maintenance_interval | | |
| initial_scheduled_maintenance_interval_measurement_base | | |
| initial_sampling_value | | |
| initial_sampling_type | | |
| **CW Elements** | | |
| subsequent_scheduled_maintenance_ interval | | |
| subsequent_scheduled_maintenance_interval_measurement_base | | |
| subsequent_sampling_value | | |
| subsequent_sampling_type | | |
| initial_sampling_description | | |
| subsequent_sampling_description | | |
| **GA Key Elements** | | |
| skill_specialty_code | | |
| **GA Elements** | | |
| hour_labor_rate | | |
| hour_labor_rate_currency_code | | |
| skill_level_code | | |
| training_cost | | |
| training_cost_currency_code | | |
| **GB Key Elements** | | |
| new_or_modified_skill_specialty_code | | |
| **GD Key Elements** | | |
| new_or_modified_skill_specialty_code | | |
| armed_services_vocational_aptitude_battery_aptitude_element | | |
| **GD Elements** | | |
| armed_services_vocational_aptitude_battery_aptitude_element_expected_range_high | | |
| armed_services_vocational_aptitude_battery_aptitude_element_expected_range_low | | |
| armed_services_vocational_aptitude_battery_aptitude_element_lowest_percent_high | | |
| armed_services_vocational_aptitude_battery_aptitude_element_lowest_percent_low | | |
| **GE Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| subtask_number | | |
| subtask_person_identifier | | |
| new_or_modified_skill_specialty_code | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| **GE Elements** | | |
| physical_and_mental_requirements_narrative | | |
| **EA Key Elements** | | |
| support_equipment_commercial_and_ government_entity_code | | |
| support_equipment_reference_number | | |
| **EA Elements** | | |
| acquisition_decision_office | | |
| adapter_interconnector_device_required | | |
| calibration_item | | |
| calibration_measurement_requirement_ summary_recommended | | |
| calibration_required | | |
| calibration_standard | | |
| calibration_time | | |
| calibration_interval | | |
| contractor_furnished_equipment_government_ furnished_equipment | | |
| custody_code | | |
| date_of_first_article_delivery | | |
| design_data_price | | |
| drawing_classification | | |
| economic_analysis | | |
| end_article_item_designator | | |
| extended_unit_price | | |
| family_group | | |
| generic_code | | |
| government_designator | | |
| hardware_development_price | | |
| integrated_logistics_support_price | | |
| life_cycle_status | | |
| life_span | | |
| logistics_control_code | | |
| logistics_decision_office | | |
| logistics_support_analysis_recommendation_ code | | |
| management_plan | | |
| managing_command_agency | | |
| mobile_facility_code | | |
| modification_or_change | | |
| operating_and_support_cost | | |
| operating_dimensions_unit_of_measure | | |
| operating_height | | |
| operating_length | | |
| operating_weight | | |
| operating_weight_unit_of_measure | | |
| operating_width | | |
| operators_manual | | |
| pass_thru_price | | |
| preparing_activity | | |
| printed_circuit_board_repair_operations_ maintenance_level | | |
| program_element | | |
| program_support_inventory_control_point | | |
| recurring_cost | | |
| reportable_item_control_code | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| revolving_assets | | |
| self_test_code | | |
| sensors_or_transducers | | |
| sketch | | |
| skill_specialty_code_for_support_equipment_operator | | |
| spare_factor | | |
| special_management_code | | |
| standard_interservice_agency_serial_control_number | | |
| storage_dimensions_unit_of_measure | | |
| storage_height | | |
| storage_length | | |
| storage_weight | | |
| storage_weight_unit_of_measure | | |
| storage_width | | |
| support_equipment_calibration_operations_maintenance_level | | |
| support_equipment_contract_number | | |
| support_equipment_full_item_name | | |
| support_equipment_grouping | | |
| support_equipment_item_category_code | | |
| support_equipment_mean_time_between_failures | | |
| support_equipment_mean_time_between_maintenance_actions | | |
| support_equipment_mean_time_to_repair | | |
| support_equipment_repair_operations_maintenance_level | | |
| support_equipment_required | | |
| support_equipment_service_designator | | |
| support_equipment_shipping_dimensions_unit_of_measure | | |
| support_equipment_shipping_height | | |
| support_equipment_shipping_length | | |
| support_equipment_shipping_weight | | |
| support_equipment_shipping_weight_unit_of_measure | | |
| support_equipment_shipping_width | | |
| support_equipment_source_maintenance_recoverability_code | | |
| technical_evaluation_priority_code | | |
| technical_manual_required_code | | |
| test_language | | |
| test_measurement_and_diagnostic_equipment_register_code | | |
| test_measurement_and_diagnostic_equipment_register_index_number | | |
| test_points | | |
| type_classfication | | |
| type_equipment_code | | |
| using_service_designator_code | | |
| year_of_fielding | | |
| support_equipment_functional_analysis_narrative | | |
| support_equipment_description_and_function_narrative | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| support_equipment_nonproliferation_effort_ narrative | | |
| support_equipment_characteristics_narrative | | |
| support_equipment_installation_factors_or_ other_facilities_narrative | | |
| support_equipment_additional_skills_and_ special_training_requirements_narrative | | |
| support_equipment_explanation_narrative | | |
| support_equipment_justification_narrative | | |
| support_equipment_cost_price_currency_ code | | |
| **EB Key Elements** | | |
| support_equipment_commercial_and_ government_entity_code | | |
| support_equipment_reference_number | | |
| allowance_document_number | | |
| **EB Elements** | | |
| allocation_designation_description | | |
| allocation_extended_range | | |
| allocation_land_vessel_code | | |
| allocation_maintenance_level_function | | |
| allocation_station_identification_code | | |
| allocation_range_1 | | |
| allocation_range_2 | | |
| allocation_range_3 | | |
| allocation_range_4 | | |
| allocation_range_5 | | |
| allocation_range_6 | | |
| allocation_range_7 | | |
| allocation_range_8 | | |
| allocation_range_9 | | |
| allocation_range_10 | | |
| **EC Key Elements** | | |
| support_equipment_commercial_and_ government_entity_code | | |
| support_equipment_reference_number | | |
| support_equipment_parameter_group_code | | |
| **EC Elements** | | |
| calibration_procedure | | |
| support_equipment_parameter | | |
| support_equipment_parameter_accuracy | | |
| support_equipment_parameter_input_or_output_ code | | |
| support_equipment_parameter_range_from | | |
| support_equipment_parameter_range_to | | |
| support_equipment_parameter_range_or_value_ code | | |
| **ED Key Elements** | | |
| support_equipment_commercial_and_ government_entity_code | | |
| support_equipment_reference_number | | |
| activity_name_location | | |
| **ED Elements** | | |
| number_of_activities | | |
| support_equipment_quantity_per_activity | | |
| type_of_activity | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| **EF Key Elements** | | |
| support_equipment_commercial_and_ government_entity_code | | |
| support_equipment_reference_number | | |
| support_equipment_recommendation_data_ number | | |
| support_equipment_recommendation_data_ revision | | |
| **EF Elements** | | |
| support_equipment_recommendation_data_date _of_government_disposition | | |
| support_equipment_recommendation_data_date _of_initial_submission | | |
| support_equipment_recommendation_data_date _of_revision_submission | | |
| support_equipment_recommendation_data_ revision_remarks | | |
| support_equipment_recommendation_data_ status | | |
| **EH Key Elements** | | |
| support_equipment_commercial_and_ government_entity_code | | |
| support_equipment_reference_number | | |
| support_equipment_recommendation_data_ number | | |
| support_equipment_recommendation_data_ revision | | |
| alternate_national_stock_number_federal_ supply_classification | | |
| alternate_national_stock_number_national_item_ identification_number | | |
| **EI Key Elements** | | |
| support_equipment_commercial_and_ government_entity_code | | |
| support_equipment_reference_number | | |
| source_option_number | | |
| **EI Elements** | | |
| input_power_source_ac_dc | | |
| input_power_source_frequency_range_ maximum | | |
| input_power_source_frequency_range_ minimum | | |
| input_power_source_operating_range_ maximum | | |
| input_power_source_operating_range_ minimum | | |
| input_power_source_percent_maximum_ripple | | |
| input_power_source_phase | | |
| input_power_source_watts | | |
| **EJ Keys** | | |
| support_equipment_commercial_and_ government_entity_code | | |
| support_equipment_reference_number | | |
| design_data_category_code | | |
| **EJ Elements** | | |
| design_data_category_code_contractor_ recommended | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| design_data_category_code_estimated_price | | |
| design_data_category_code_estimated_price_ currency_code | | |
| design_data_category_code_government_ required | | |
| design_data_category_code_scope | | |
| **EK Key Elements** | | |
| support_equipment_commercial_and_ government_entity_code | | |
| support_equipment_reference_number | | |
| supersedure_reference_number | | |
| supersedure_commercial_and_government_ entity_code | | |
| **EK Elements** | | |
| reason_for_supersedure_deletion | | |
| supersedure_interchangeability_code | | |
| supersedure_item_name | | |
| supersedure_support_equipment_ recommendation_data_number | | |
| supersedure_type | | |
| **EL Key Elements** | | |
| support_equipment_commercial_and_ government_entity_code | | |
| support_equipment_reference_number | | |
| integrated_logistics_support_requirement_ category_code | | |
| **EL Elements** | | |
| integrated_logistics_support_requirement_ category_code_contractor_recommended | | |
| integrated_logistics_support_requirement_ category_code_estimated_price | | |
| integrated_logistics_support_requirement_ category_code_estimated_price_currency_code | | |
| integrated_logistics_support_requirement_ category_code_government_required | | |
| integrated_logistics_support_requirement_ category_code_scope | | |
| **EM Key Elements** | | |
| support_equipment_commercial_and_ government_entity_code | | |
| support_equipment_reference_number | | |
| system_equipment_commercial_and_ government_entity_code | | |
| system_reference_number | | |
| **EM Elements** | | |
| system_equipment_item_designator | | |
| system_equipment_quantity_per_test | | |
| **UA Key Elements** | | |
| end_item_acronym_code | | |
| unit_under_test_logistics_support_analysis_ control_number | | |
| unit_under_test_alternate_logistics_support_ analysis_control_number_code | | |
| unit_under_test_logistics_support_analysis_ control_number_type | | |
| **UA Elements** | | |
| unit_under_test_allowance | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| unit_under_test_maintenance_plan_number | | |
| unit_under_test_test_requirements_document_number | | |
| unit_under_test_work_package_reference | | |
| unit_under_test_explanation | | |
| **UB Key Elements** | | |
| end_item_acronym_code | | |
| unit_under_test_logistics_support_analysis_control_number | | |
| unit_under_test_alternate_logistics_support_analysis_control_number_code | | |
| unit_under_test_logistics_support_analysis_control_number_type | | |
| support_equipment_commercial_and_government_entity_code | | |
| support_equipment_reference_number | | |
| **UB Elements** | | |
| unit_under_test_calibration_measurement_requirement_recommended_code | | |
| unit_under_test_calibration_measurement_requirement_summary_status | | |
| **UC Key Elements** | | |
| operational_test_program_commercial_and_government_entity_code | | |
| operational_test_program_reference_number | | |
| **UC Elements** | | |
| operational_test_program_apportioned_unit_cost_nonrecurring | | |
| operational_test_program_apportioned_unit_cost_recurring | | |
| operational_test_program_apportioned_unit_cost_nonrecurring_recurring_ currency_code | | |
| operational_test_program_coordinated_test_plan | | |
| operational_test_program_standards_for_comparison | | |
| operational_test_program_support_equipment_recommendation_data_number | | |
| **UD Key Elements** | | |
| end_item_acronym_code | | |
| unit_under_test_logistics_support_analysis_control_number | | |
| unit_under_test_alternate_logistics_support_analysis_control_number_code | | |
| unit_under_test_logistics_support_analysis_control_number_type | | |
| support_equipment_commercial_and_government_entity_code | | |
| support_equipment_reference_number | | |
| operational_test_program_commercial_and_government_entity_code | | |
| operational_test_program_reference_number | | |
| **UE Key Elements** | | |
| operational_test_program_commercial_and_government_entity_code | | |
| operational_test_program_reference_number | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| test_program_instruction_commercial_and_ government_entity_code | | |
| test_program_instruction_reference_ number | | |
| **UE Elements** | | |
| test_program_instruction_apportioned_unit_cost _nonrecurring | | |
| test_program_instruction_apportioned_unit_cost _recurring | | |
| test_program_instruction_apportioned_unit_cost _nonrecurring_recurring_currency_ code | | |
| test_program_instruction_self_test | | |
| test_program_instruction_support_ equipment_recommendation_data_number | | |
| test_program_instruction_technical_data_ package | | |
| **UG Key Elements** | | |
| end_item_acronym_code | | |
| unit_under_test_logistics_support_analysis_ control_number | | |
| unit_under_test_alternate_logistics_support_ analysis_control_number_code | | |
| unit_under_test_logistics_support_analysis_ control_number_type | | |
| support_equipment_commercial_and_ government_entity_code | | |
| support_equipment_reference_number | | |
| unit_under_test_parameter_group_code | | |
| **UG Elements** | | |
| unit_under_test_calibration_measurement_ requirement_summary_parameter_code | | |
| unit_under_test_parameter | | |
| unit_under_test_parameter_accuracy | | |
| unit_under_test_parameter_input_output_code | | |
| unit_under_test_parameter_operational_ specification_code | | |
| unit_under_test_parameter_range_from | | |
| unit_under_test_parameter_range_to | | |
| unit_under_test_parameter_range_value_code | | |
| unit_under_test_parameter_test_accuracy_ ratio_actual | | |
| unit_under_test_parameter_test_accuracy_ ratio_desired | | |
| **UH Key Elements** | | |
| end_item_acronym_code | | |
| task_logistics_support_analysis_control_ number | | |
| task_alternate_logistics_support_analysis_ control_number_code | | |
| task_logistics_support_analysis_control_number _type | | |
| task_provision_task_code | | |
| task_provision_logistics_support_analysis_ control_number | | |
| task_provision_alternate_logistics_support_ analysis_control_number_code | | |
| task_provision_logistics_support_analysis_ control_number_type | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| task_provision_commercial_and_government_ entity_code | | |
| task_provision_reference_number | | |
| **UH Elements** | | |
| unit_under_test_fault_isolated_replaceable_unit_ ambiguity_group_1 | | |
| unit_under_test_fault_isolated_replaceable_unit_ ambiguity_group_2 | | |
| unit_under_test_fault_isolated_replaceable_unit_ percent_failure_1 | | |
| unit_under_test_fault_isolated_replaceable_unit_ percent_failure_2 | | |
| unit_under_test_fault_isolated_replaceable_unit_ test_requirements_document_indicator | | |
| support_equipment_commercial_and_ government_entity_code | | |
| support_equipment_reference_number | | |
| **UI Key Elements** | | |
| adapter_interconnector_device_commercial_and _government_entity_code | | |
| adapter_interconnector_device_reference_ number | | |
| **UI Elements** | | |
| adapter_interconnector_device_apportioned_ unit_cost_nonrecurring | | |
| adapter_interconnector_device_apportioned_ unit_cost_recurring | | |
| adapter_interconnector_device_apportioned_ unit_cost_nonrecurring_ recurring_currency_ code | | |
| adapter_interconnector_device_common_unit_ under_test | | |
| adapter_interconnector_device_support_ equipment_recommendation_data_number | | |
| **UJ Key Elements** | | |
| end_item_acronym_code | | |
| unit_under_test_logistics_support_analysis_ control_number | | |
| unit_under_test_alternate_logistics_support_ analysis_control_number_code | | |
| unit_under_test_logistics_support_analysis_ control_number_type | | |
| support_equipment_commercial_and_ government_entity_code | | |
| support_equipment_reference_number | | |
| adapter_interconnector_device_commercial_and _government_entity_code | | |
| adapter_interconnector_device_reference_ number | | |
| **UK Key Elements** | | |
| automatic_test_equipment_commercial_and_ government_entity_code | | |
| automatic_test_equipment_reference_number | | |
| **UK Element** | | |
| automatic_test_equipment_government_ designator | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| **UL Key Elements** | | |
| end_item_acronym_code | | |
| unit_under_test_logistics_support_analysis_ control_number | | |
| unit_under_test_alternate_logistics_support_ analysis_control_number_code | | |
| unit_under_test_logistics_support_analysis_ control_number_type | | |
| support_equipment_commercial_and_ government_entity_code | | |
| support_equipment_reference_number | | |
| automatic_test_equipment_commercial_and_ government_entity_code | | |
| automatic_test_equipment_reference_number | | |
| **UM Key Elements** | | |
| support_equipment_unit_under_test_ commercial_and_government_entity_code | | |
| support_equipment_unit_under_test_reference_ number | | |
| **UM Elements** | | |
| support_equipment_unit_under_test_ allowance | | |
| support_equipment_unit_under_test_calibrations _measurement_requirements_summary_status | | |
| support_equipment_unit_under_test_ maintenance_plan_number | | |
| support_equipment_unit_under_test_test_ requirements_document_number | | |
| support_equipment_unit_under_test_work_ package_reference | | |
| **UN Key Elements** | | |
| testing_support_equipment_commercial_and_ government_entity_code | | |
| testing_support_equipment_reference_number | | |
| support_equipment_unit_under_test_ commercial_and_government_entity_code | | |
| support_equipment_unit_under_test_reference_ number | | |
| support_equipment_unit_under_test_parameter_ group_code | | |
| **UN Elements** | | |
| support_equipment_unit_under_test_calibrations _measurement_requirements_summary_ parameter_code | | |
| support_equipment_unit_under_test_parameter | | |
| support_equipment_unit_under_test_ parameter_accuracy | | |
| support_equipment_unit_under_test_parameter_ input_output_code | | |
| support_equipment_unit_under_test_parameter_ range_from | | |
| support_equipment_unit_under_test_parameter_ range_to | | |
| support_equipment_unit_under_test_parameter_ range_value_code | | |
| support_equipment_unit_under_test_parameter_ test_accuracy_ratio_actual | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| support_equipment_unit_under_test_parameter_test_accuracy_ratio_desired | | |
| **FA Key Elements** | | |
| facility_name | | |
| facility_category_code | | |
| facility_type | | |
| **FA Elements** | | |
| construction_unit_of_measure | | |
| facility_area | | |
| facility_area_unit_of_measure | | |
| facility_class | | |
| facility_construction_unit_of_measure_price | | |
| facility_construction_unit_of_measure_price_currency_code | | |
| facility_drawing_classification | | |
| facility_drawing_number | | |
| facility_drawing_revision | | |
| facility_capability_narrative | | |
| facility_location_narrative | | |
| baseline_facility_maintenance_requirement_narrative | | |
| baseline_facility_requirements_for_operations_narrative | | |
| baseline_facility_requirements_for_training_narrative | | |
| baseline_facility_requirements_special_considerations_narrative | | |
| baseline_facility_requirements_supply_storage_narrative | | |
| new_or_modified_facility_design_criteria_narrative | | |
| new_or_modified_facility_installation_lead_time_narrative | | |
| new_or_modified_facility_task_area_breakdown_narrative | | |
| new_or_modified_facility_utilization_narrative | | |
| new_or_modified_facility_requirements_narrative | | |
| new_or_modified_facility_unit_cost_rationale_narrative | | |
| new_or_modified_facility_justification_narrative | | |
| new_or_modified_facility_type_of_construction_narrative | | |
| new_or_modified_facility_utilities_requirement_narrative | | |
| **FE Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| task_code | | |
| facility_name | | |
| facility_category_code | | |
| facility_type | | |
| **FZ Key Elements** | | |
| facility_name | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| facility_category_code | | |
| facility_type | | |
| document_id | | |
| originator_code | | |
| issue_number | | |
| security_classification | | |
| **JA Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| **JA Elements** | | |
| cargo_tiedown_narrative | | |
| delivery_schedule | | |
| environmental_handling_and_transportation_indicator | | |
| military_unit_type | | |
| net_explosive_weight | | |
| nonoperational_fragility_factor | | |
| proper_shipping_name | | |
| revision_date | | |
| sectionalized_identification | | |
| speed | | |
| theater_of_operation | | |
| towing_speed | | |
| transportation_contract_number | | |
| transportation_indicator | | |
| transportation_shock_vibration_remarks_narrative | | |
| transportation_lifting_and_tiedown_remarks_narrative | | |
| transportation_projection_remarks_narrative | | |
| transportation_regulatory_requirements_narrative | | |
| transportation_remarks_narrative | | |
| transportation_special_service_and_equipment_narrative | | |
| transportation_sectionalized_remarks_narrative | | |
| transportation_transport_to_and_from_narrative | | |
| transportation_environmental_considerations_narrative | | |
| transportation_military_distance_classification_narrative | | |
| transportation_unusual_and_special_requirements_narrative | | |
| transportation_venting_and_protective_clothing_narrative | | |
| transportation_disaster_response_force_narrative | | |
| **JB Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| transportation_character_mode_type | | |
| transportation_character_number | | |
| **JB Elements** | | |
| container_length | | |
| container_type | | |
| electrical_grounding_narrative | | |
| external_or_internal_load_indicator | | |
| freight_classification | | |
| helicopter_mission_altitude | | |
| helicopter_mission_distance | | |
| helicopter_mission_payload | | |
| helicopter_mission_temperature | | |
| helicopter_mission_time | | |
| highway_alternate_model_load | | |
| highway_alternate_model_type | | |
| highway_prime_model_load | | |
| highway_prime_model_type | | |
| highway_transportation_type | | |
| rail_transportation_country | | |
| rail_use | | |
| sea_deck_stowage | | |
| shipping_configuration | | |
| transportation_item_designator | | |
| **JC Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| transported_configuration_number | | |
| mobility_type | | |
| **JC Elements** | | |
| crest_angle | | |
| length_front_inside | | |
| length_front_outside | | |
| length_rear_inside | | |
| length_rear_outside | | |
| military_load_classification_empty | | |
| military_load_classification_loaded | | |
| number_of_skids | | |
| operational_weight_empty | | |
| operational_weight_loaded | | |
| shipping_weight_loaded | | |
| shipping_weight_empty | | |
| skid_area | | |
| skid_area_unit_of_measure | | |
| tracked_ground_pressure | | |
| tracked_pad_shoe_area | | |
| tracked_pad_shoe_area_unit_of_measure | | |
| tracked_pads_touching | | |
| tracked_road_wheel_weight | | |
| wheeled_inflation_pressure | | |
| wheeled_number_of_plies | | |
| wheeled_number_tires | | |
| wheeled_tire_load_ratings | | |
| wheeled_tire_size | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| wheeled_weight_ratings | | |
| transported_end_item_wheeled_tire_ requirements_narrative | | |
| transported_end_item_skid_remarks_narrative | | |
| transported_end_item_turning_information_ narrative | | |
| transported_end_item_wheeled_axle_and_ suspension_remarks_narrative | | |
| transported_end_item_transported_other_ equipment_narrative | | |
| **JE Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| transport_fiscal_year | | |
| **JE Elements** | | |
| first_quarter_procurement_quantity | | |
| fourth_quarter_procurement_quantity | | |
| second_quarter_procurement_quantity | | |
| third_quarter_procurement_quantity | | |
| **JG Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| document_id | | |
| originator_code | | |
| issue_number | | |
| security_classification | | |
| **HA Key Elements** | | |
| commercial_and_government_entity_code | | |
| reference_number | | |
| **HA Elements** | | |
| acquisition_method_code | | |
| acquisition_method_suffix_code | | |
| authorization_stock_list | | |
| automatic_data_processing_equipment_code | | |
| common_and_bulk_item_list | | |
| contractor_technical_information_code | | |
| critical_item_code | | |
| criticality_code | | |
| circuit_breaker_type | | |
| defense_logistics_information_service_ screening_requirement_code | | |
| demilitarization_code | | |
| document_availability_code | | |
| document_identifier_code | | |
| government_furnished_item_list | | |
| hazardous_code | | |
| hazardous_materials_storage_cost | | |
| hazardous_waste_disposal_cost | | |
| hazardous_waste_storage_cost | | |
| hazardous_waste_cost_currency_code | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| industrial_materials_analysis_of_capacity | | |
| item_class_of_supply | | |
| item_subclass | | |
| item_management_code | | |
| item_name | | |
| item_name_code | | |
| installation_and_checkout_item_list | | |
| interim_released_item_list | | |
| interim_support_item_list | | |
| long_lead_time_item_list | | |
| line_item_number | | |
| material | | |
| material_leadtime | | |
| material_weight | | |
| national_stock_number_activity_code | | |
| national_stock_number_cognizance_code | | |
| national_stock_number_federal_supply_classification | | |
| national_stock_number_materiel_control_code | | |
| national_stock_number_national_item_identification_number | | |
| national_stock_number_special_materiel_identification_code_materiel_management_aggregation_code | | |
| physical_security_pilferage_code | | |
| precious_metal_indicator_code | | |
| prescribed_load_list_item_list | | |
| production_lead_time | | |
| program_parts_selection_list | | |
| recommended_buy_list_item_list | | |
| reference_number_category_code | | |
| reference_number_variation_code | | |
| repairable_items_list | | |
| schedule_b_export_code | | |
| shelf_life | | |
| shelf_life_action_code | | |
| spares_acquisition_integrated_with_production | | |
| special_maintenance_item_code | | |
| special_material_content_code | | |
| system_support_package_component_list | | |
| tools_and_test_equipment_list | | |
| unit_of_issue | | |
| unit_of_issue_conversion_factor | | |
| unit_of_measure | | |
| unit_size_height | | |
| unit_size_length | | |
| unit_size_width | | |
| unit_weight | | |
| **HB Key Elements** | | |
| additional_reference_number_item_commercial_and_government_entity_code | | |
| additional_reference_number_item_reference_number | | |
| additional_reference_number_commercial_and_government_entity_code | | |
| additional_reference_number | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| **HB Element** | | |
| additional_reference_number_reference_number_category_code | | |
| additional_reference_number_reference_number_variation_code | | |
| **HBA Key Element** | | |
| commercial_and_government_entity_code | | |
| reference_number | | |
| national_stock_number_federal_supply_classification | | |
| national_stock_number_national_item_identification_number | | |
| **HBA Elements** | | |
| national_stock_number_activity_code | | |
| national_stock_number_cognizance_code | | |
| national_stock_number_materiel_control_ code | | |
| national_stock_number_special_materiel_identification_code_materiel_management_aggregation_code | | |
| national_stock_number_commercial_and_government_entity_code | | |
| national_stock_number_reference_number | | |
| national_stock_number_reference_number_variation_code | | |
| national_stock_number_reference_number_category_code | | |
| justification | | |
| **HC Key Elements** | | |
| item_commercial_and_government_entity_code | | |
| item_reference_number | | |
| contractor_technical_information_code_commercial_and_government_entity_code | | |
| **HD Key Elements** | | |
| commercial_and_government_entity_code | | |
| reference_number | | |
| price_type_selection | | |
| unit_price | | |
| **HD Element** | | |
| price_concurrent_production_code | | |
| price_fiscal_year | | |
| price_lot_quantity_from | | |
| price_lot_quantity_to | | |
| price_provisioning | | |
| price_type_of_price_code | | |
| currency_code | | |
| **HF Key Elements** | | |
| commercial_and_government_entity_code | | |
| reference_number | | |
| **HF Element** | | |
| cleaning_and_drying_procedures | | |
| container_national_stock_number | | |
| cushioning_and_dunnage_material | | |
| cushioning_thickness | | |
| intermediate_container_code | | |
| intermediate_container_quantity | | |
| maximum_unit_pack_cube | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| maximum_unit_pack_depth | | |
| maximum_unit_pack_length | | |
| maximum_unit_pack_weight | | |
| maximum_unit_pack_width | | |
| method_of_preservation_code | | |
| military_packing_code | | |
| minimal_packing_code | | |
| optional_procedures_indicator | | |
| packaging_category_code | | |
| packaging_data_preparer_commercial_and_government_entity | | |
| preservation_material_code | | |
| quantity_per_unit_pack | | |
| special_marking_code | | |
| special_packaging_instruction_number | | |
| special_packaging_instruction_number_julian_date | | |
| special_packaging_instruction_number_revision | | |
| supplemental_packaging_data | | |
| unit_container_code | | |
| unit_container_level | | |
| wrapping_material | | |
| **HG Key Elements** | | |
| commercial_and_government_entity_code | | |
| reference_number | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| **HG Element** | | |
| allowance_item_code | | |
| allowance_item_quantity | | |
| as_required_list_a_provisioning_technical_documentation | | |
| as_required_list_b_provisioning_technical_documentation | | |
| common_and_bulk_items_list_provisioning_technical_documentation | | |
| condemned_at_depot_maintenance_task_distribution | | |
| condemned_below_depot_maintenance_task_distribution | | |
| contractor_repair_cycle_time | | |
| data_status_code | | |
| depot_shipyard_maintenance_task_distribution | | |
| depot_shipyard_repair_cycle_time | | |
| depot_shipyard_replacement_task_distribution | | |
| designated_rework_point_one | | |
| designated_rework_point_two | | |
| essentiality_code | | |
| hardness_critical_item | | |
| identification_number | | |
| indenture_code | | |
| interim_support_items_list_provisioning_technical_documentation | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| intermediate_direct_support_maintenance_task_distribution | | |
| intermediate_direct_support_repair_cycle_time | | |
| intermediate_direct_support_replacement_task_distribution | | |
| intermediate_general_support_maintenance_task_distribution | | |
| intermediate_general_support_repair_cycle_time | | |
| intermediate_general_support_replacement_task_distribution | | |
| item_category_code | | |
| line_replaceable_unit | | |
| long_lead_time_items_list_provisioning_technical_documentation | | |
| maintenance_action_code | | |
| maintenance_replacement_rate_i | | |
| maintenance_replacement_rate_ii | | |
| maintenance_replacement_rate_modifier | | |
| maximum_allowable_operating_time | | |
| minimum_replacement_unit | | |
| not_repairable_this_station | | |
| organizational_repair_cycle_time | | |
| organizational_maintenance_task_distribution | | |
| organizational_replacement_task_distribution | | |
| post_conference_list_provisioning_technical_documentation | | |
| prior_item_provisioning_list_item_sequence_number | | |
| provisioning_list_item_sequence_number | | |
| provisioning_parts_list_provisioning_technical_documentation | | |
| provisioning_remarks | | |
| provisioning_system_identifier_code | | |
| quantity_per_assembly | | |
| quantity_per_end_item | | |
| recommended_initial_system_stock_buy | | |
| recommended_minimum_system_stock_level | | |
| recommended_tender_load_list_quantity | | |
| remain_in_place_indicator | | |
| repair_survival_rate | | |
| repairable_items_list_provisioning_technical_documentation | | |
| same_as_provisioning_list_item_sequence_number | | |
| short_form_provisioning_parts_list_provisioning_technical_documentation | | |
| source_maintenance_and_recoverability_code | | |
| special_repair_activity_maintenance_task_distribution | | |
| special_repair_activity_repair_cycle_time | | |
| special_repair_activity_replacement_task_distribution | | |
| suppression_indicator | | |
| system_configuration_provisioning_parts_list_provisioning_technical_documentation | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| tool_and_test_equipment_list_provisioning_ technical_documentation | | |
| total_quantity_recommended | | |
| type_of_change_code | | |
| work_unit_code | | |
| **HGA Key Elements** | | |
| circuit_breaker_end_item_acronym_code | | |
| circuit_breaker_ commercial_and_ government_entity_code | | |
| circuit_breaker_ reference_number | | |
| circuit_breaker_logistics_support_analysis_ control_number | | |
| circuit_breaker_alternate_logistics_support_ analysis_control_number_code | | |
| circuit_breaker_logistics_support_analysis_ control_number_type | | |
| circuit_breaker_identification_code | | |
| **HH Key Elements** | | |
| commercial_and_government_entity_code | | |
| reference_number | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| next_higher_assembly_provisioning_list_item_ sequence_number | | |
| **HH Elements** | | |
| next_higher_assembly_provisioning_list_item_ sequence_number_indicator | | |
| overhaul_replacement_rate_quantity | | |
| overhaul_replacement_indicator | | |
| **HJ Key Elements** | | |
| commercial_and_government_entity_code | | |
| reference_number | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| reference_designation | | |
| **HJ Elements** | | |
| reference_designation_code | | |
| technical_manual_code | | |
| figure_number | | |
| item_number | | |
| **HK Key Elements** | | |
| figure_number | | |
| item_number | | |
| commercial_and_government_entity_code | | |
| reference_number | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| technical_manual_code | | |
| **HK Elements** | | |
| parts_manual_provisioning_nomenclature | | |
| quantity_per_figure | | |
| technical_manual_change_number | | |
| technical_manual_functional_group_code | | |
| technical_manual_indenture_code | | |
| **HM Key Elements** | | |
| commercial_and_government_entity_code | | |
| reference_number | | |
| control | | |
| **HM Elements** | | |
| end_item_range | | |
| organizational_level | | |
| authorized_quantity | | |
| **HN Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number_type | | |
| serial_number_provisioning_logistics_support_analysis_control_number | | |
| serial_number_provisioning_alternate_logistics_support_analysis_control_number_code | | |
| serial_number_provisioning_commercial_and_government_entity_code | | |
| serial_number_provisioning_reference_number | | |
| serial_number_provisioning_system_end_item_logistics_support_analysis_control_number | | |
| serial_number_provisioning_system_end_item_alternate_logistics_support_analysis_control_number_code | | |
| serial_number_provisioning_serial_number_from | | |
| serial_number_provisioning_serial_number_to | | |
| **HO Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number_type | | |
| usable_on_code_provisioning_commercial_and_government_entity_code | | |
| usable_on_code_provisioning_reference_number | | |
| usable_on_code_provisioning_logistics_support_analysis_control_number | | |
| usable_on_code_provisioning_alternate_logistics_support_analysis_control_number_code | | |
| usable_on_code_provisioning_system_end_item_logistics_support_analysis_control_number | | |
| usable_on_code_provisioning_system_end_item_alternate_logistics_support_analysis_control_number_code | | |
| **HP Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| commercial_and_government_entity_code | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| reference_number | | |
| change_authority_number | | |
| **HP Elements** | | |
| interchangeability_code | | |
| prorated_exhibit_line_item_number | | |
| prorated_quantity | | |
| quantity_procured | | |
| quantity_shipped | | |
| replaced_or_superseding_provisioning_list_item _sequence_number | | |
| replaced_or_superseding_provisioning_list_item _sequence_number_Indicator | | |
| total_item_changes | | |
| **HQ Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| commercial_and_government_entity_code | | |
| reference_number | | |
| change_authority_number | | |
| from_serial_number_effectivity | | |
| to_serial_number_effectivity | | |
| **HR Key Elements** | | |
| end_item_acronym_code | | |
| usable_on_code_provisioning_commercial_and_ government_entity_code | | |
| usable_on_code_provisioning_reference_ number | | |
| usable_on_code_provisioning_logistics_support_ analysis_control_number | | |
| usable_on_code_provisioning_alternate_ logistics_support_analysis_control_number_ code | | |
| logistics_support_analysis_control_number_type | | |
| usable_on_code_provisioning_system_end_item _logistics_support_analysis_control_number | | |
| usable_on_code_provisioning_system_end_item _alternate_logistics_support_analysis_control_ number_code | | |
| change_authority_number | | |
| **HX Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_ number_code | | |
| logistics_support_analysis_control_number_type | | |
| commercial_and_government_entity_code | | |
| reference_number | | |
| change_authority_number | | |
| document_id | | |
| originator_code | | |
| issue_number | | |
| security_classification | | |

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| Key Element/Attribute | Elements Selected | Additional Information |
|---|---|---|
| **HY Key Elements** | | |
| end_item_acronym_code | | |
| logistics_support_analysis_control_number | | |
| alternate_logistics_support_analysis_control_number_code | | |
| logistics_support_analysis_control_number_type | | |
| commercial_and_government_entity_code | | |
| reference_number | | |
| document_id | | |
| originator_code | | |
| issue_number | | |
| security_classification | | |
| **HZ Key Elements** | | |
| commercial_and_government_entity_code | | |
| reference_number | | |
| document_id | | |
| originator_code | | |
| issue_number | | |
| security_classification | | |

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| Provisioning List Related Key Element/Attribute | REQD | LLTIL | PPL | SFPPL | CBIL | RIL | ISIL | PCL | TTEL | SCPL | DCN | ARA | ARB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **XB Key Elements** | | | | | | | | | | | | | |
| end_item_acronym_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number | | | | | | | | | | | | | |
| alternate_logistics_support_analysis_control_number_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number_type | | | | | | | | | | | | | |
| **XB Elements** | | | | | | | | | | | | | |
| logistics_support_analysis_control_number_indenture_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number_nomenclature | | | | | | | | | | | | | |
| reliability_availability_and_maintainability_indicator | | | | | | | | | | | | | |
| sectionalized_item_transportation_indicator | | | | | | | | | | | | | |
| system_end_item_identifier | | | | | | | | | | | | | |
| technical_manual_functional_group_code | | | | | | | | | | | | | |
| document_code | | | | | | | | | | | | | |
| work_area_code_zone | | | | | | | | | | | | | |
| **XC Key Elements** | | | | | | | | | | | | | |
| End_item_acronym_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number | | | | | | | | | | | | | |
| alternate_logistics_support_analysis_control_number_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number_type | | | | | | | | | | | | | |
| **XC Elements** | | | | | | | | | | | | | |
| system_end_item_item_designator_code | | | | | | | | | | | | | |
| system_end_item_provisioning_list_item_sequence_number | | | | | | | | | | | | | |
| system_end_item_quantity_per_assembly | | | | | | | | | | | | | |
| system_end_item_quantity_per_end_item | | | | | | | | | | | | | |
| system_end_item_type_of_change_code | | | | | | | | | | | | | |
| transportation_end_item_indicator | | | | | | | | | | | | | |
| usable_on_code | | | | | | | | | | | | | |
| quantity_per_end_item_calculation_option_code | | | | | | | | | | | | | |
| system_end_item_provisioning_contract_control_number | | | | | | | | | | | | | |
| **XD Key Elements** | | | | | | | | | | | | | |
| end_item_acronym_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number | | | | | | | | | | | | | |
| alternate_logistics_support_analysis_control_number_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number_type | | | | | | | | | | | | | |
| serial_number_from | | | | | | | | | | | | | |
| serial_number_to | | | | | | | | | | | | | |
| **HA Key Elements** | | | | | | | | | | | | | |
| commercial_and_government_entity_code | | | | | | | | | | | | | |
| reference_number | | | | | | | | | | | | | |

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| Provisioning List Related Key Element/Attribute | REQD | LLTIL | PPL | SFPPL | CBIL | RIL | ISIL | PCL | TTEL | SCPL | DCN | ARA | ARB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HA Elements** | | | | | | | | | | | | | |
| acquisition_method_code | | | | | | | | | | | | | |
| acquisition_method_suffix_code | | | | | | | | | | | | | |
| authorization_stock_list | | | | | | | | | | | | | |
| automatic_data_processing_equipment_code | | | | | | | | | | | | | |
| common_and_bulk_item_list | | | | | | | | | | | | | |
| contractor_technical_information_code | | | | | | | | | | | | | |
| critical_item_code | | | | | | | | | | | | | |
| criticality_code | | | | | | | | | | | | | |
| defense_logistics_information_service_ screening_requirement_code | | | | | | | | | | | | | |
| demilitarization_code | | | | | | | | | | | | | |
| document_availability_code | | | | | | | | | | | | | |
| document_identifier_code | | | | | | | | | | | | | |
| government_furnished_item_list | | | | | | | | | | | | | |
| hazardous_code | | | | | | | | | | | | | |
| hazardous_materials_storage_cost | | | | | | | | | | | | | |
| hazardous_waste_disposal_cost | | | | | | | | | | | | | |
| hazardous_waste_storage_cost | | | | | | | | | | | | | |
| hazardous_waste_cost_currency_code | | | | | | | | | | | | | |
| industrial_materials_analysis_of_capacity | | | | | | | | | | | | | |
| item_management_code | | | | | | | | | | | | | |
| item_class_of_supply | | | | | | | | | | | | | |
| item_subclass | | | | | | | | | | | | | |
| item_name | | | | | | | | | | | | | |
| item_name_code | | | | | | | | | | | | | |
| installation_and_checkout_item_list | | | | | | | | | | | | | |
| interim_released_item_list | | | | | | | | | | | | | |
| interim_support_item_list | | | | | | | | | | | | | |
| long_lead_time_item_list | | | | | | | | | | | | | |
| line_item_number | | | | | | | | | | | | | |
| material | | | | | | | | | | | | | |
| material_leadtime | | | | | | | | | | | | | |
| material_weight | | | | | | | | | | | | | |
| national_stock_number_activity_code | | | | | | | | | | | | | |
| national_stock_number_cognizance_code | | | | | | | | | | | | | |
| national_stock_number_federal_supply_ classification | | | | | | | | | | | | | |
| national_stock_number_materiel_control_code | | | | | | | | | | | | | |
| national_stock_number_national_item_ identification_number | | | | | | | | | | | | | |
| national_stock_number_special_materiel_ identification_code_materiel_management_ aggregation_code | | | | | | | | | | | | | |
| physical_security_pilferage_code | | | | | | | | | | | | | |
| precious_metal_indicator_code | | | | | | | | | | | | | |
| prescribed_load_list_item_list | | | | | | | | | | | | | |
| production_lead_time | | | | | | | | | | | | | |
| program_parts_selection_list | | | | | | | | | | | | | |
| recommended_buy_list_item_list | | | | | | | | | | | | | |
| reference_number_category_code | | | | | | | | | | | | | |
| reference_number_variation_code | | | | | | | | | | | | | |
| repairable_items_list | | | | | | | | | | | | | |

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| Provisioning List Related Key Element/Attribute | REQD | LLTIL | PPL | SFPPL | CBIL | RIL | ISIL | PCL | TTEL | SCPL | DCN | ARA | ARB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| schedule_b_export_code | | | | | | | | | | | | | |
| shelf_life | | | | | | | | | | | | | |
| shelf_life_action_code | | | | | | | | | | | | | |
| spares_acquisition_integrated_with_production | | | | | | | | | | | | | |
| special_maintenance_item_code | | | | | | | | | | | | | |
| special_material_content_code | | | | | | | | | | | | | |
| system_support_package_component_list | | | | | | | | | | | | | |
| tools_and_test_equipment_list | | | | | | | | | | | | | |
| unit_of_issue | | | | | | | | | | | | | |
| unit_of_issue_conversion_factor | | | | | | | | | | | | | |
| unit_of_measure | | | | | | | | | | | | | |
| unit_size_height | | | | | | | | | | | | | |
| unit_size_length | | | | | | | | | | | | | |
| unit_size_width | | | | | | | | | | | | | |
| unit_weight | | | | | | | | | | | | | |
| **HB Key Elements** | | | | | | | | | | | | | |
| additional_reference_number_item_ commercial_and_government_entity_code | | | | | | | | | | | | | |
| additional_reference_number_item_reference_ number | | | | | | | | | | | | | |
| additional_reference_number_commercial_and _government_entity_code | | | | | | | | | | | | | |
| additional_reference_number | | | | | | | | | | | | | |
| **HB Element** | | | | | | | | | | | | | |
| additional_reference_number_reference_ number_category_code | | | | | | | | | | | | | |
| additional_reference_number_reference_ number_variation_code | | | | | | | | | | | | | |
| **HBA Key Elements** | | | | | | | | | | | | | |
| commercial_and_government_entity_code | | | | | | | | | | | | | |
| reference_number | | | | | | | | | | | | | |
| national_stock_number_federal_supply_ classification | | | | | | | | | | | | | |
| national_stock_number_national_item_ identification_number | | | | | | | | | | | | | |
| **HBA Elements** | | | | | | | | | | | | | |
| national_stock_number_activity_code | | | | | | | | | | | | | |
| national_stock_number_cognizance_code | | | | | | | | | | | | | |
| national_stock_number_materiel_control_ code | | | | | | | | | | | | | |
| national_stock_number_special_materiel_ identification_code_materiel _ management_aggregation_code | | | | | | | | | | | | | |
| national_stock_number_commercial_and_ government_entity_code | | | | | | | | | | | | | |
| national_stock_number_reference_number | | | | | | | | | | | | | |
| national_stock_number_reference_number_ variation_code | | | | | | | | | | | | | |
| national_stock_number_reference_number_ category_code | | | | | | | | | | | | | |
| justification | | | | | | | | | | | | | |

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| Provisioning List Related Key Element/Attribute | REQD | LLTIL | PPL | SFPPL | CBIL | RIL | ISIL | PCL | TTEL | SCPL | DCN | ARA | ARB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HC Key Elements** | | | | | | | | | | | | | |
| item_commercial_and_government_entity_code | | | | | | | | | | | | | |
| item_reference_number | | | | | | | | | | | | | |
| contractor_technical_information_code_commercial_and_government_entity_code | | | | | | | | | | | | | |
| **HD Key Elements** | | | | | | | | | | | | | |
| commercial_and_government_entity_code | | | | | | | | | | | | | |
| reference_number | | | | | | | | | | | | | |
| price_type_selection | | | | | | | | | | | | | |
| unit_price | | | | | | | | | | | | | |
| **HD Element** | | | | | | | | | | | | | |
| price_concurrent_production_code | | | | | | | | | | | | | |
| price_fiscal_year | | | | | | | | | | | | | |
| price_lot_quantity_from | | | | | | | | | | | | | |
| price_lot_quantity_to | | | | | | | | | | | | | |
| price_provisioning | | | | | | | | | | | | | |
| price_type_of_price_code | | | | | | | | | | | | | |
| reference_number | | | | | | | | | | | | | |
| currency_code | | | | | | | | | | | | | |
| **HG Key Elements** | | | | | | | | | | | | | |
| commercial_and_government_entity_code | | | | | | | | | | | | | |
| reference_number | | | | | | | | | | | | | |
| end_item_acronym_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number | | | | | | | | | | | | | |
| alternate_logistics_support_analysis_control_number_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number_type | | | | | | | | | | | | | |
| **HG Element** | | | | | | | | | | | | | |
| allowance_item_code | | | | | | | | | | | | | |
| allowance_item_quantity | | | | | | | | | | | | | |
| as_required_list_a_provisioning_technical_documentation | | | | | | | | | | | | | |
| as_required_list_b_provisioning_technical_documentation | | | | | | | | | | | | | |
| common_and_bulk_items_list_provisioning_technical_documentation | | | | | | | | | | | | | |
| condemned_at_depot_maintenance_task_distribution | | | | | | | | | | | | | |
| condemned_below_depot_maintenance_task_distribution | | | | | | | | | | | | | |
| contractor_repair_cycle_time | | | | | | | | | | | | | |
| data_status_code | | | | | | | | | | | | | |
| depot_shipyard_maintenance_task_distribution | | | | | | | | | | | | | |
| depot_shipyard_repair_cycle_time | | | | | | | | | | | | | |
| depot_shipyard_replacement_task_distribution | | | | | | | | | | | | | |
| designated_rework_point_one | | | | | | | | | | | | | |
| designated_rework_point_two | | | | | | | | | | | | | |
| essentiality_code | | | | | | | | | | | | | |
| hardness_critical_item | | | | | | | | | | | | | |
| identification_number | | | | | | | | | | | | | |
| indenture_code | | | | | | | | | | | | | |

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| Provisioning List Related Key Element/Attribute | REQD | LLTIL | PPL | SFPPL | CBIL | RIL | ISIL | PCL | TTEL | SCPL | DCN | ARA | ARB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| interim_support_items_list_provisioning_ technical_documentation | | | | | | | | | | | | | |
| intermediate_direct_support_maintenance_ task_distribution | | | | | | | | | | | | | |
| intermediate_direct_support_repair_cycle_ time | | | | | | | | | | | | | |
| intermediate_direct_support_replacement_ task_distribution | | | | | | | | | | | | | |
| intermediate_general_support_maintenance_ task_distribution | | | | | | | | | | | | | |
| intermediate_general_support_repair_cycle_ time | | | | | | | | | | | | | |
| intermediate_general_support_replacement_ task_distribution | | | | | | | | | | | | | |
| item_category_code | | | | | | | | | | | | | |
| line_replaceable_unit | | | | | | | | | | | | | |
| long_lead_time_items_list_provisioning_ technical_documentation | | | | | | | | | | | | | |
| maintenance_action_code | | | | | | | | | | | | | |
| maintenance_replacement_rate_i | | | | | | | | | | | | | |
| maintenance_replacement_rate_ii | | | | | | | | | | | | | |
| maintenance_replacement_rate_modifier | | | | | | | | | | | | | |
| maximum_allowable_operating_time | | | | | | | | | | | | | |
| minimum_replacement_unit | | | | | | | | | | | | | |
| not_repairable_this_station | | | | | | | | | | | | | |
| organizational_repair_cycle_time | | | | | | | | | | | | | |
| organizational_maintenance_task_distribution | | | | | | | | | | | | | |
| organizational_replacement_task_distribution | | | | | | | | | | | | | |
| post_conference_list_provisioning_technical_ documentation | | | | | | | | | | | | | |
| prior_item_provisioning_list_item_sequence_ number | | | | | | | | | | | | | |
| provisioning_list_item_sequence_number | | | | | | | | | | | | | |
| provisioning_parts_list_provisioning_technical_ documentation | | | | | | | | | | | | | |
| provisioning_remarks | | | | | | | | | | | | | |
| provisioning_system_identifier_code | | | | | | | | | | | | | |
| quantity_per_assembly | | | | | | | | | | | | | |
| quantity_per_end_item | | | | | | | | | | | | | |
| recommended_initial_system_stock_buy | | | | | | | | | | | | | |
| recommended_minimum_system_stock_level | | | | | | | | | | | | | |
| recommended_tender_load_list_quantity | | | | | | | | | | | | | |
| remain_in_place_indicator | | | | | | | | | | | | | |
| repair_survival_rate | | | | | | | | | | | | | |
| repairable_items_list_provisioning_technical_ documentation | | | | | | | | | | | | | |
| same_as_provisioning_list_item_sequence_ number | | | | | | | | | | | | | |
| short_form_provisioning_parts_list_provisionin g_technical_documentation | | | | | | | | | | | | | |
| source_maintenance_and_recoverability_ code | | | | | | | | | | | | | |
| special_repair_activity_maintenance_task_ distribution | | | | | | | | | | | | | |

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| Provisioning List Related Key Element/Attribute | REQD | LLTIL | PPL | SFPPL | CBIL | RIL | ISIL | PCL | TTEL | SCPL | DCN | ARA | ARB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| special_repair_activity_repair_cycle_time | | | | | | | | | | | | | |
| special_repair_activity_replacement_task_ distribution | | | | | | | | | | | | | |
| supression_indicator | | | | | | | | | | | | | |
| system_configuration_provisioning_parts_list_ provisioning_technical_documentation | | | | | | | | | | | | | |
| tool_and_test_equipment_list_provisioning_ technical_documentation | | | | | | | | | | | | | |
| total_quantity_recommended | | | | | | | | | | | | | |
| type_of_change_code | | | | | | | | | | | | | |
| work_unit_code | | | | | | | | | | | | | |
| **HH Key Elements** | | | | | | | | | | | | | |
| commercial_and_government_entity_code | | | | | | | | | | | | | |
| reference_number | | | | | | | | | | | | | |
| end_item_acronym_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number | | | | | | | | | | | | | |
| alternate_logistics_support_analysis_control_ number_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number_ type | | | | | | | | | | | | | |
| next_higher_assembly_provisioning_list_item_ sequence_number | | | | | | | | | | | | | |
| **HH Elements** | | | | | | | | | | | | | |
| next_higher_assembly_provisioning_list_item_ sequence_number_indicator | | | | | | | | | | | | | |
| overhaul_replacement_rate | | | | | | | | | | | | | |
| **HJ Key Elements** | | | | | | | | | | | | | |
| commercial_and_government_entity_code | | | | | | | | | | | | | |
| reference_number | | | | | | | | | | | | | |
| end_item_acronym_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number | | | | | | | | | | | | | |
| alternate_logistics_support_analysis_ control_number_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number_ type | | | | | | | | | | | | | |
| reference_designation | | | | | | | | | | | | | |
| **HJ Elements** | | | | | | | | | | | | | |
| reference_designation_code | | | | | | | | | | | | | |
| technical_manual_code | | | | | | | | | | | | | |
| figure_number | | | | | | | | | | | | | |
| item_number | | | | | | | | | | | | | |
| **HK Key Elements** | | | | | | | | | | | | | |
| figure_number | | | | | | | | | | | | | |
| item_number | | | | | | | | | | | | | |
| commercial_and_government_entity_code | | | | | | | | | | | | | |
| reference_number | | | | | | | | | | | | | |
| end_item_acronym_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number | | | | | | | | | | | | | |
| alternate_logistics_support_analysis_ control_number_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number_ type | | | | | | | | | | | | | |
| technical_manual_code | | | | | | | | | | | | | |

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| Provisioning List Related Key Element/Attribute | REQD | LLTIL | PPL | SFPPL | CBIL | RIL | ISIL | PCL | TTEL | SCPL | DCN | ARAA | ARAB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HK Elements** | | | | | | | | | | | | | |
| parts_manual_provisioning_nomenclature | | | | | | | | | | | | | |
| quantity_per_figure | | | | | | | | | | | | | |
| technical_manual_change_number | | | | | | | | | | | | | |
| technical_manual_functional_group_code | | | | | | | | | | | | | |
| technical_manual_indenture_code | | | | | | | | | | | | | |
| **HM Key Elements** | | | | | | | | | | | | | |
| commercial_and_government_entity_code | | | | | | | | | | | | | |
| reference_number | | | | | | | | | | | | | |
| control | | | | | | | | | | | | | |
| **HM Elements** | | | | | | | | | | | | | |
| end_item_range | | | | | | | | | | | | | |
| organizational_level | | | | | | | | | | | | | |
| authorized_quantity | | | | | | | | | | | | | |
| **HN Key Elements** | | | | | | | | | | | | | |
| end_item_acronym_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number_type | | | | | | | | | | | | | |
| serial_number_provisioning_logistics_support_analysis_control_number | | | | | | | | | | | | | |
| serial_number_provisioning_alternate_logistics_support_analysis_control_number_code | | | | | | | | | | | | | |
| serial_number_provisioning_commercial_and_government_entity_code | | | | | | | | | | | | | |
| serial_number_provisioning_reference_number | | | | | | | | | | | | | |
| serial_number_provisioning_system_end_item_logistics_support_analysis_control_number | | | | | | | | | | | | | |
| serial_number_provisioning_system_end_item_alternate_logistics_support_analysis_control_number_code | | | | | | | | | | | | | |
| serial_number_provisioning_serial_number_from | | | | | | | | | | | | | |
| serial_number_provisioning_serial_number_to | | | | | | | | | | | | | |
| **HO Key Elements** | | | | | | | | | | | | | |
| end_item_acronym_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number_type | | | | | | | | | | | | | |
| usable_on_code_provisioning_commercial_and_government_entity_code | | | | | | | | | | | | | |
| usable_on_code_provisioning_reference_number | | | | | | | | | | | | | |
| usable_on_code_provisioning_logistics_support_analysis_control_number | | | | | | | | | | | | | |
| usable_on_code_provisioning_alternate_logistics_support_analysis_control_number_code | | | | | | | | | | | | | |
| usable_on_code_provisioning_system_end_item_logistics_support_analysis_control_number | | | | | | | | | | | | | |
| usable_on_code_provisioning_system_end_item_alternate_logistics_support_analysis_control_number_code | | | | | | | | | | | | | |
| **HP Key Elements** | | | | | | | | | | | | | |
| end_item_acronym_code | | | | | | | | | | | | | |

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| **Provisioning List Related Key Element/Attribute** | **REQD** | **LLTIL** | **PPL** | **SFPPL** | **CBIL** | **RIL** | **ISIL** | **PCL** | **TTEL** | **SCPL** | **DCN** | **ARA** | **ARB** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| logistics_support_analysis_control_number | | | | | | | | | | | | | |
| alternate_logistics_support_analysis_control_number_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number_type | | | | | | | | | | | | | |
| commercial_and_government_entity_code | | | | | | | | | | | | | |
| reference_number | | | | | | | | | | | | | |
| change_authority_number | | | | | | | | | | | | | |
| **HP Elements** | | | | | | | | | | | | | |
| interchangeability_code | | | | | | | | | | | | | |
| prorated_exhibit_line_item_number | | | | | | | | | | | | | |
| prorated_quantity | | | | | | | | | | | | | |
| quantity_procured | | | | | | | | | | | | | |
| quantity_shipped | | | | | | | | | | | | | |
| replaced_or_superseding_provisioning_list_item_sequence_number | | | | | | | | | | | | | |
| replaced_or_superseding_provisioning_list_item_sequence_number_Indicator | | | | | | | | | | | | | |
| total_item_changes | | | | | | | | | | | | | |
| **HQ Key Elements** | | | | | | | | | | | | | |
| end_item_acronym_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number | | | | | | | | | | | | | |
| alternate_logistics_support_analysis_control_number_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number_type | | | | | | | | | | | | | |
| commercial_and_government_entity_code | | | | | | | | | | | | | |
| reference_number | | | | | | | | | | | | | |
| change_authority_number | | | | | | | | | | | | | |
| from_serial_number_effectivity | | | | | | | | | | | | | |
| to_serial_number_effectivity | | | | | | | | | | | | | |
| **HR Key Elements** | | | | | | | | | | | | | |
| end_item_acronym_code | | | | | | | | | | | | | |
| usable_on_code_provisioning_commercial_and_government_entity_code | | | | | | | | | | | | | |
| usable_on_code_provisioning_reference_number | | | | | | | | | | | | | |
| usable_on_code_provisioning_logistics_support_analysis_control_number | | | | | | | | | | | | | |
| usable_on_code_provisioning_alternate_logistics_support_analysis_control_number_code | | | | | | | | | | | | | |
| logistics_support_analysis_control_number_type | | | | | | | | | | | | | |
| usable_on_code_provisioning_system_end_item_logistics_support_analysis_control_number | | | | | | | | | | | | | |
| usable_on_code_provisioning_system_end_item_alternate_logistics_support_analysis_control_number_code | | | | | | | | | | | | | |
| change_authority_number | | | | | | | | | | | | | |

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# APPENDIX B - GUIDANCE FOR ASSIGNMENT OF LOGISTICS SUPPORT ANALYSIS (LSA) CONTROL NUMBER (LCN), ALTERNATE LCN CODE (ALC), LCN TYPE AND USABLE ON CODE (UOC)

## B.1.0 Purpose

This appendix provides guidance for the assignment of LCNs, ALCs, LCN-Types, and UOCs; their use; and, their relationship to one another.

## B.1.1 Traditional LCN Assignments

Traditionally, the LCN was developed using the physical hardware configuration (or engineering drawings), for LCN assignment. Using this approach, the assigned LCNs directly tracked with provisioning documentation requirements and enabled easy conversion to provisioning data keys (e.g., Provisioning List Item Sequence Numbers (PLISN)). Any product documentation, such as the Maintenance Allocation Chart, Maintenance Plans, or Repair Parts and Special Tools List requiring a Functional Group Code (FGC) or Work Unit Code (WUC) sequencing, was selected by LCN and then resorted by the data element WUC/TM-FGC.

## B.1.2 Functional and Physical LCN Assignments: A New Perspective

Under the Reliability and Maintainability areas, a physical hardware breakdown may create problems in “rolling up” failure rates, reliability times, and maintainability frequencies to the appropriate higher item. For example, if an antenna connected to a wing-tip fails, the failure should be rolled to the communications system, and not to the wing structure on which it is physically attached. The traditional WUC/TM-FGC cannot be used for functional documentation since this element is used for product development and may contain a consolidated code for “like” items that will create problems for reliability/ maintainability summations and calculations. In addition, a WUC/TM-FGC cannot be documented until a physical (or traditional) LCN has already been assigned. The functional LCN will provide the flexibility necessary to correct these situations. In cases where the functional and physical breakdown are identical, separate structures will not be required. When there is a requirement for both physical and functional breakdowns, a cross-reference table mapping the functional and physical LCNs will be documented to “convert” reliability/maintainability numbers to provisioning technical factors. In an automated data processing system, the physical LCN structure should take precedence for data storage, when both a physical and functional LCN exist for the same item. Under no circumstances should it be necessary to document logistics product data under both physical and functional LCNs for the same item under analysis. By creating the physical/functional mapping, any data documented under a functional LCN will be converted from a functional to a physical key. It is important to recognize that the two structures are completely independent, and that a “mixing” of structures (part physical/part functional) for a system/end item is not permitted. Also, recognize the importance of proper mapping of the functional and physical LCNs. Documenting the functional/physical LCN assignment requires a new data element, LCN Type. This element is a key and is required where all LCN oriented data resides. The LCN-Type is a one-position code of either “F”, Functional; or “P”, Physical.

## B.1.3 Functional LCN Assignment via Work Breakdown Structure (WBS)

MIL-HDBK-881A provides guidance for establishing work breakdown structures for defense materiel items. This guidance defines standard functional breakdowns for Aircraft Systems, Electronic/Automated Software Systems, Missile Systems, Ordnance Systems, Sea Systems, Space Systems, Surface Vehicle Systems, and Unmanned Air Vehicle Systems. While a WBS can be expressed to any level of detail, the top three levels of a system are the minimum recommended. At these top three levels there is an opportunity to establish a consolidated numbering scheme for the WBS and the functional LCN. Appendices A through H in MIL-HDBK-881A define standard breakdown nomenclature for the types of systems identified above. These standard nomenclatures can also be applied to functional LCNs and a consolidated numbering scheme can be followed. In establishing a combined numbering scheme, care should be taken to minimize the number of characters assigned at the top levels of the WBS and functional LCN (see guidance in Section 2). In this manner a program can establish traceability between the WBS and the logistics information defined via the functional LCN and hence the physical LCN that represents the physical drawing breakdown of the system.

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### B.2.0 LCN Assignment

The LCN may represent either a functional or hardware generation breakdown/disassembly sequence of system/equipment hardware including support equipment, training equipment, and installation (connecting) hardware. It can also be used to identify the physical location of an item within the context of the overall system (for example, ATA iSPEC 2200 provides an industry wide system for numbering aircraft systems that incorporates location information). As such, the LCN is a key field. Normally, development of the LCN structure and assignment of LCNs through the subsystem level should be accomplished prior to generation of logistics product data. Extreme care should be exercised in developing the structure, so that the least number of characters is used for each indenture level. This can be accomplished by identifying the maximum number of parts/assemblies that will be assigned a unique LCN at each indenture level. If the maximum number of items at a given indenture level is less than or equal to 36, then 1 alphanumeric character would suffice. If the maximum number of items is greater than 36 but less than or equal to 1296, then 2 alphanumeric characters would suffice and so on. No more than one position of the LCN should be used to identify the system. It is useful to develop an LCN structure for the entire system/equipment hardware. Care should be exercised in assigning the LCNs, since the order in which they are assigned will affect the order of Failure Modes, Effects and Criticality Analysis (FMECA) data, and task analysis information, and may affect the order in which it will be used on a repair parts lists and assignment of PLISNs. For example, if it is a requirement for attaching hardware to appear on a repair parts list prior to the assembly, these items would have to be assigned LCNs which are less in value than the one assigned to the assembly. In assigning the LCN early in the design of an end item, it is also advantageous to skip one or two LCNs, so that an additional item can be inserted later on due to design changes. This advance planning avoids the possibility of having to re-sequence at a later point in the program. The above guidance should be considered prior to assigning the LCNs. In addition, three basic methods for assigning LCNs are provided below.

### B.2.1 Classical LCN Assignment

This method dictates assignment of a unique LCN to every application of a part numbered item in the system including piece parts. This method ensures proper identification of an item to its Next Higher Assembly (NHA) and ensures proper roll-up/summarization of data for all LSA Record (LSAR)products. Figure B-1 is an example of the classical LCN assignment method. From a provisioning standpoint, use of the classical assignment method would allow the automatic assignment of PLISN, NHA PLISN, SAME AS PLISN, and Indenture Code.

### B.2.2 Modified Classical Assignment Method

This method is a variation of the classical assignment method that permits piece parts to be assigned the same LCN at the indenture level below the component/assembly of which they are a part. In addition, attaching hardware may be assigned the same LCN at the same indenture level at which the assembly is located. The assembly to which the attaching hardware is required is provided a separate LCN. Figure B-2 shows an example of the modified classical method. The items with an asterisk have been assigned the same LCN. Application of this method could economize the number of LCNs required at the lower indenture levels. Use of this method ensures proper roll-up/summarization of data for all LSAR products. From a provisioning standpoint when a hardware breakdown approach is used for the LCN, this method allows the automatic assignment of all PLISNs and the indenture code.

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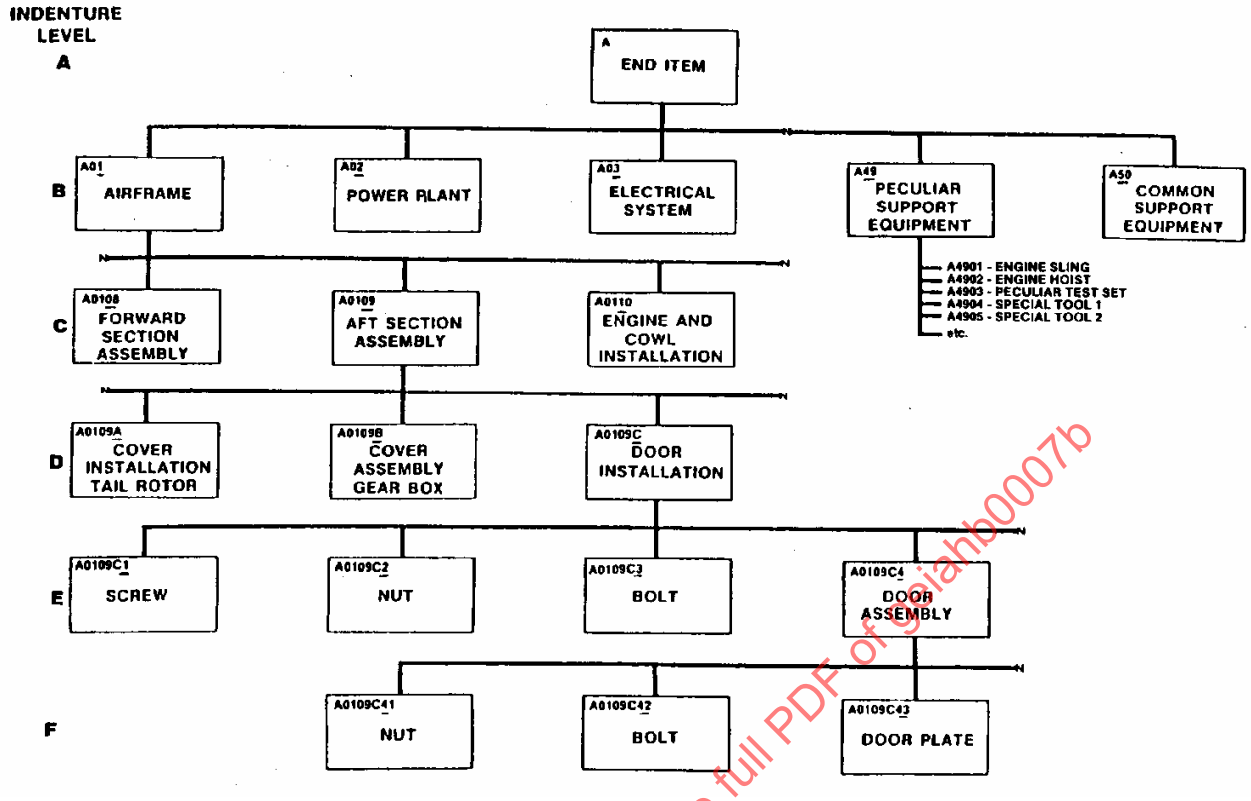


FIGURE B-1 - CLASSICAL LCN ASSIGNMENT METHOD

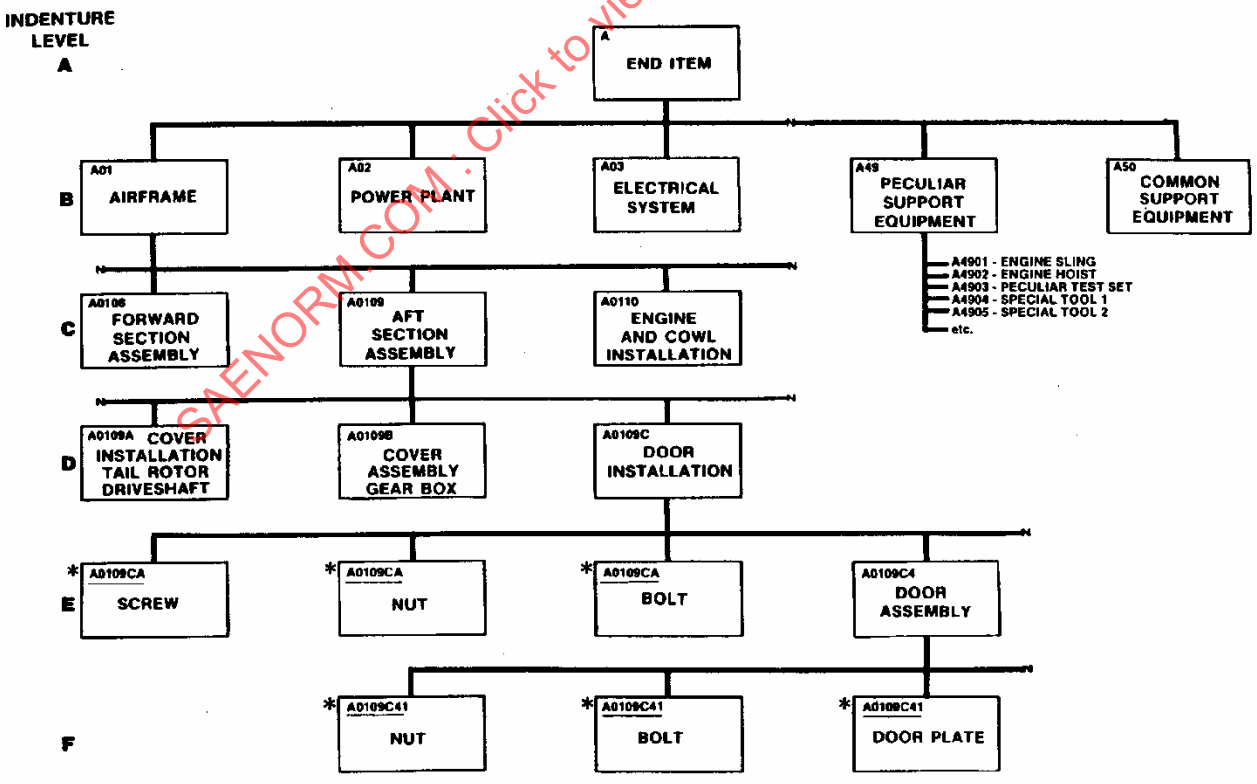


FIGURE B-2 - MODIFIED CLASSICAL ASSIGNMENT

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B.2.3 Sequential Assignment Method

For large systems, an attempt to use any of the above methods can still result in a need for more than the 18 characters allocated to the LCN field. In this situation, the classical or modified classical assignment method would be employed for the first 12 or 13 characters of the LCN field; the last five or six characters of the LCN field would be assigned sequentially through the remaining indentures. An example of the sequential assignment method is provided on Figure B-3. This method does not affect the rollup up logistics product data; however, it is necessary to select rollups at indenture levels above the point where sequential assignment of LCNs was initiated. From a provisioning standpoint, this method dictates manual input of the LCN indenture code (logistics_support_analysis_control_number_indenture_code) in order to automatically assign PLISN, NHA PLISN, and Indenture Code.

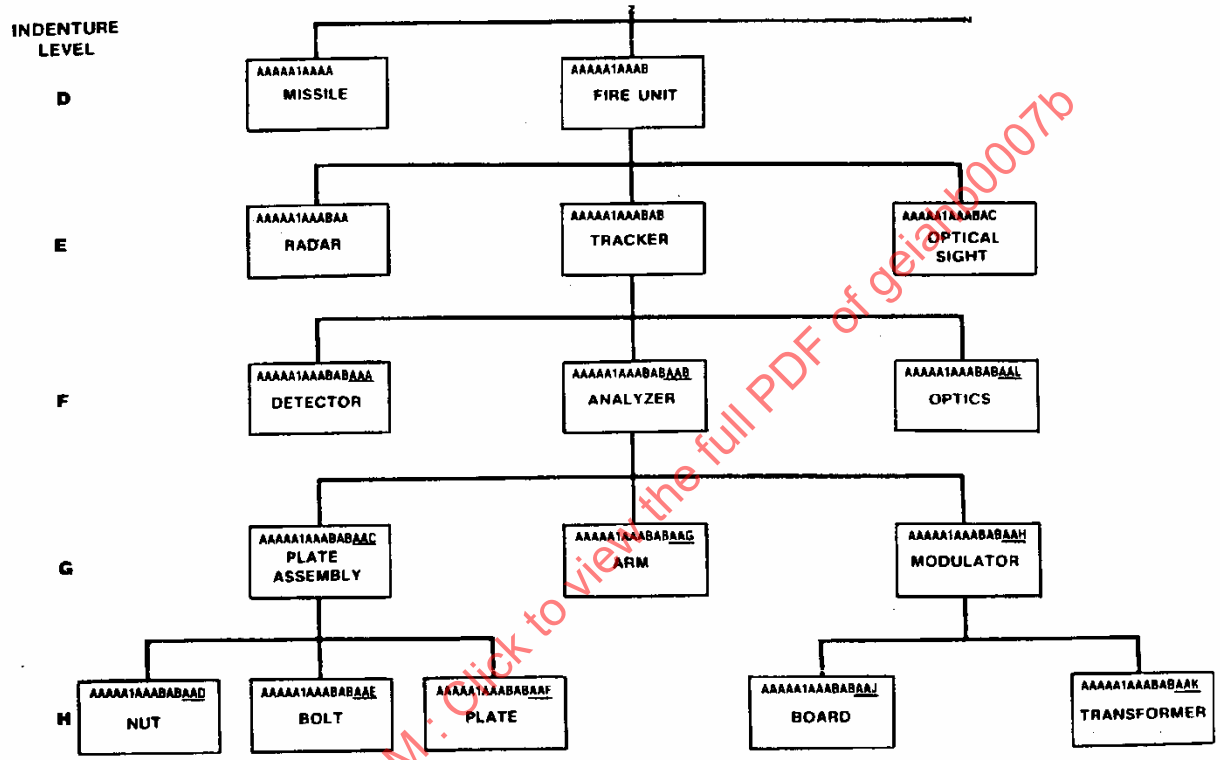


FIGURE B-3 - SEQUENTIAL ASSIGNMENT METHOD

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B.3.0 Alternate LCN Code (ALC)

The ALC (codes 00 through 99 and space) provides the capability to document alternate design concepts or like items for different models using identical LCNs at the same system breakdown level. As such, ALC is a key data element and a value of 00 is considered just as significant as a value of 01, 10, or 23. In fact, all LCNs that have a corresponding ALC with a value of 00 represent the “basic system” hardware. The ALC is LCN oriented and is used to aid in the documentation of the following:

a. Alternate items with different reference numbers (e.g., diesel engine versus gas engine), one of which will be selected for production.

b. Different reference numbered items that are used in the same functional and physical location (i.e., same LCN) in the hardware breakdown, and the usage of either item results in a different configuration/model designation (i.e., different UOCs).

The use of ALC for a single configuration/model is discussed in the immediately following paragraphs, while ALC usage for multiple configurations/models is discussed in Paragraph B.5.

B.3.1 ALC Usage for a Single Configuration/Model

A system/end item that has a single configuration/model designation will have only one assigned UOC. When a system/end item has a single UOC, then the ALC can be used to capture analysis data for alternative designs or maintenance concepts. To establish a traceable LCN breakdown structure, the following rules should be adhered to:

Rule 1. The “basic system” hardware breakdown must be input using ALC values of 00. This is necessary since the selection process will always default to the “basic system” data, if alternative data has not been entered.

Rule 2. Alternative designs would be broken down completely in terms of LCN and associated data.

Rule 3. To the maximum extent possible, the ALC assigned should be the same value throughout the alternative design/maintenance concept.

Following these rules allows for an orderly buildup of logistics product data and avoids confusion concerning which items may be common to two or more alternatives and provides for easier retrieval of logistics product data.

B.3.1.1 Single Configuration/Model End Item

Figure B-4 is an example of a single configuration/model end item with a UOC of “ABC”. The example also represents how the ALC can be used for alternative hardware design concepts. Three different fuel pumps are being considered for use on the gas engine, as well as an alternative diesel engine. All “basic” hardware items have an ALC of 00, while two additional fuel pumps and the entire diesel engine breakdown have different ALCs. This is in accordance with the first rule stated above.

Rule 2 is also followed for the breakdown of the diesel engine because the identical electrical system was repeated from the gas engine. Rule 3 is followed in assignment of ALCs for the diesel engine.

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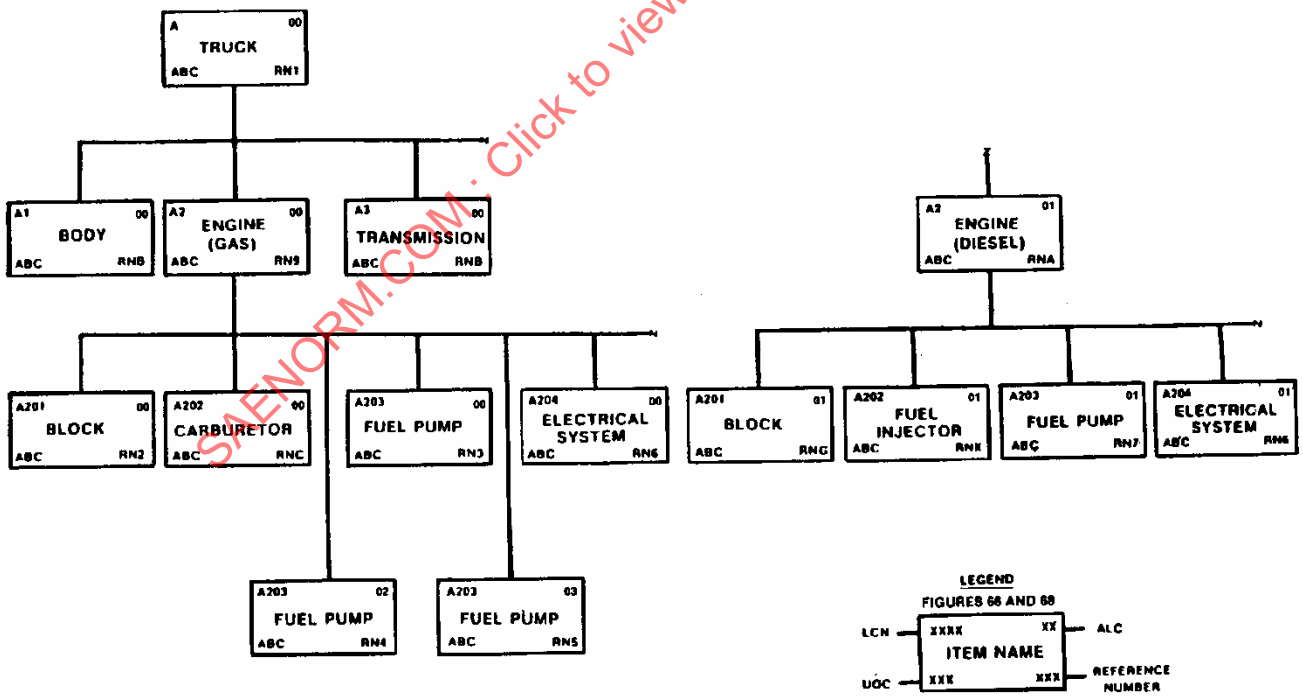


FIGURE B-4 - ALTERNATE LCN CODE USAGE

### B.3.2 ALC Usage for Logistics Product Data Products

For most product selections, the UOC is always the first criteria that must be met for data selection and LCN is the second criteria. ALC becomes the third select criteria, if the user specifies a specific ALC value for a product request. As already discussed, an ALC of 00 on the product submittal will result in choosing "basic system" LCN data (i.e., records with 00 ALCs). If an ALC is requested with a specific numeric value, only items with a matching ALC will be chosen.

### B.3.3 Lower-Tiered LCN/ALC Selections

In addition to the basic product request, different LCN and ALC combinations at a lower indenture level from the basic product selection may be chosen to specify the alternative design desired by identifying these LCNs and ALCs. This is necessary when Rule 3, discussed in Paragraph B.3.1, cannot be strictly adhered to and designation of the ALC on the basic product request will not result in a complete substitution of the alternative design. This situation will occur when alternative designs are being considered within the hardware breakdown of another alternative design. The example on Figure B-4 displays this situation; alternative fuel pumps are being considered within the gas engine and two alternative engines are being considered. Thus, in order to obtain the "basic system" (i.e., with gas engine, but with fuel pump RN5), a lower-tiered LCN/ALC request selection must be input with an LCN of "A203" and an ALC of "03". The basic product request would have an ALC value of 00. In order to produce a product for the "basic system" with the diesel engine substituted, the following selection request would be required:

a. A basic selection request with an LCN of "A", UOC of "ABC", and an ALC of "00". This produces a product of the "basic" truck.

b. A lower-tiered LCN/ALC selection request with an LCN of "A2" and an ALC value of "01". This information would modify the basic selection request to choose the diesel engine, in lieu of the gas engine.

The lower-tiered LCN/ALC selection request allows the user to create many different variations of a system/end item via the LSAR products. While use of the ALC for alternative designs does not reduce the amount of data required (i.e., Rule 2 of Paragraph B.3.1), it does provide for easier data storage and product generation.

### B.3.4 Product Sequence

The sequencing of products can be affected by the type of standard sorting that a computer uses. In general, most computers now sort using the American Standard Code for Information Interchange (ASCII), which sorts numeric values first, followed by upper case alphabetic and then lower case alphabetic values. Older computers use the Extended Binary Coded Decimal Interchange Code (EBCDIC) to sort upper case alphabetic first, followed by lower case alphabetic and finally numeric values. These differing sort sequences can affect the look and feel of a product using alphanumeric LCNs and ALCs. In particular, the exchange set produced by the LSA-036 style sheets sorts the PLISNs in EBCDIC sequence, which is a requirement of the existing DOD provisioning systems.

### B.4.0 Logistics Support Analysis Control Number Type (LCN-Type)

The LCN-TYPE is a one-position code used to indicate whether the associated LCN represents a functional versus physical or hardware generation breakdown structure. Generally, top-down FMECA documentation and selective task analysis, e.g., fault locations, "track" to a functional breakdown as does the Work Breakdown Structure for a system. Other documentation requirements, e.g., provisioning, track to a system/equipment hardware breakdown. An example of a functional and physical breakdown for the same system/equipment is shown in Figure B-5.

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B.5.0 Usable On Code (UOC)

The UOC is used to identify the model/configuration relationship of each LCN comprising a system/equipment and to control these relationships for LSAR product generation. The UOC is a critical data element and should therefore be used when establishing an LSAR. This requirement holds even if only one configuration/model of a system/equipment is being documented. In accordance with entity XC, contained in Section 2 of GEIA-STD-0007, each configuration/model is assigned a unique UOC at the system/end item level LCN. Each individual assembly/component/piece part is also "linked" to the assigned UOC of the model of which it is applicable through entities XF and HO. When an assembly/component/piece part is applicable to more than one configuration/model, then multiple UOCs are "linked" to the component for a single LCN and ALC via entities XF and HO. This eliminates the requirement of duplicating analysis and related data, merely because an item has application to multiple configurations/models. It should be stressed that if an item's usage for a given configuration model differs from another configuration/model in terms of quantity, Source, Maintenance, Recoverability (SMR) coding or analysis data, then multiple UOCs should not be used for a single LCN. This situation dictates input of additional relational table rows using the ALC to indicate different data for the same LCN and a different UOC.

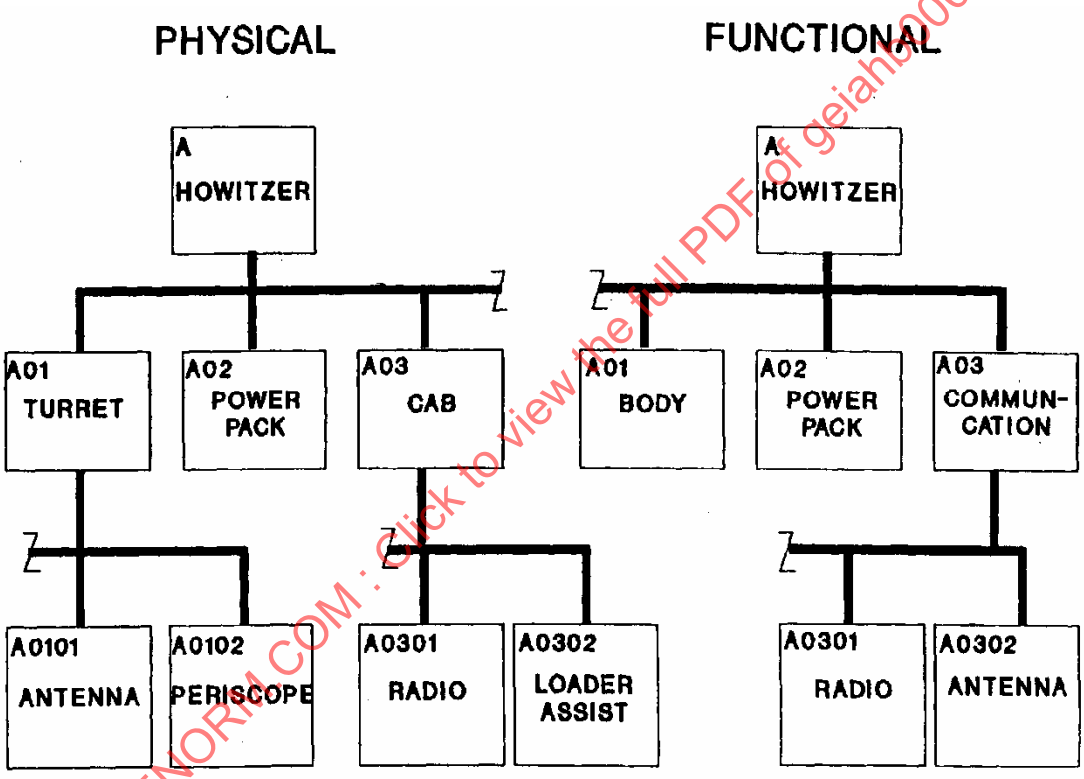


FIGURE B-5 - FUNCTIONAL VS. PHYSICAL LCN ASSIGNMENT

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B.5.1 ALC and UOC Relationship

In order to document multiple configurations/models, the ALC plays an important role. As already stated, for items that are common to all configurations/models, only one LCN entry is required for the multiple UOCs. In addition, since such an item is considered part of the "basic system," its ALC would be 00. For those items that bring about a configuration/model change, the ALC is used in a manner similar to that discussed in Paragraph B.3 of this appendix. Figure B-6 is an example of multiple UOCs for a given system/end item and the usage of ALC in conjunction with multiple model items. In the example, the basic model truck has a UOC of "ABC", while the new model truck has a UOC of "ABD". The reason for the additional model is the use of a diesel engine, instead of the gas engine. Since both types of engines physically and functionally appear in the same location of the truck breakdown, their LCNs are the same. The ALC of "01" has been used to differentiate new reference numbered items from the basic items.

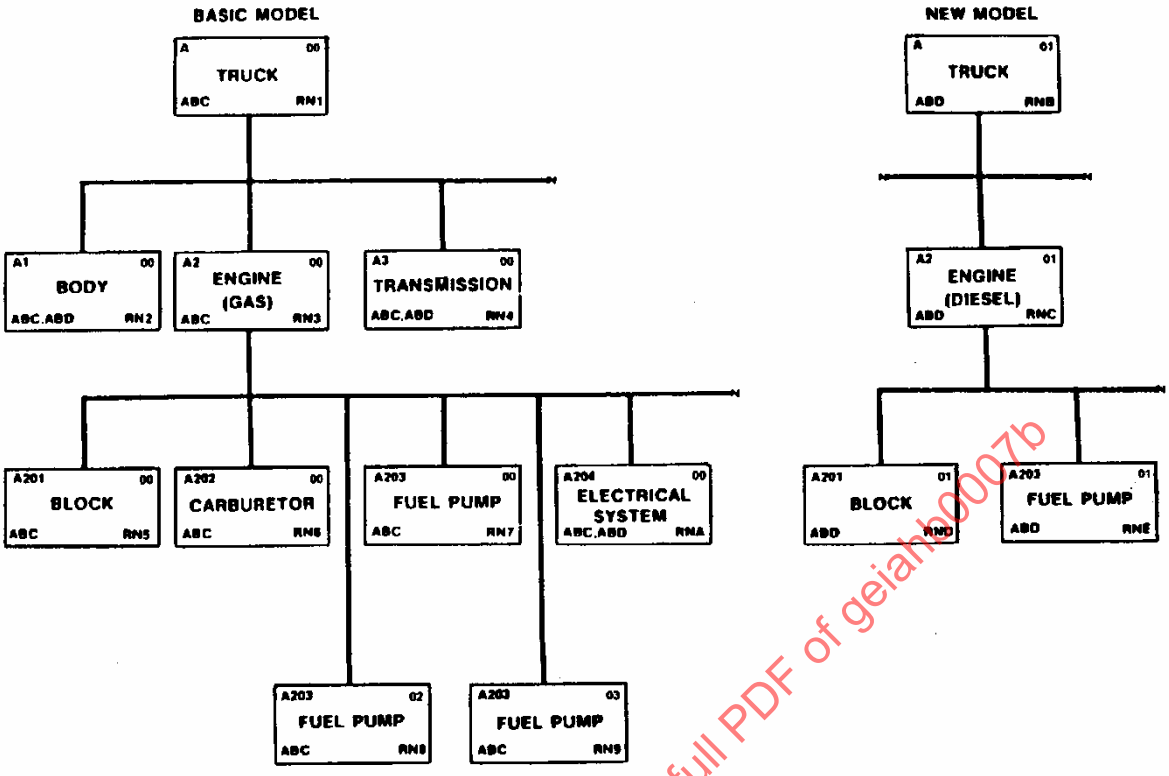


FIGURE B-6 - USABLE ON CODE AND ALTERNATE LCN CODE USAGE

B.5.2 UOC and ALC Usage For Logistics Product Data Products

Paragraph B3.2 of this appendix stated that most selection requests for logistics product data products must have, as a minimum, LCN and UOC on the request. The reason for this is that UOC is the overall product generation key that must match to a record before LCN and ALC are considered. In the case of a single configuration/model, its importance is reduced since every item has the same UOC value. For multiple configurations/models, the identification of the desired UOC on the selection request will result in building the desired product without lower-tiered LCN/ALC selections and without knowing which ALC values were used for that UOC's LCNs. Using the example on Figure B-6, a product selection request with an LCN of "A," an ALC of 00, and a UOC of "ABC" will result in the basic model breakdown being output. This means that the fuel pump, with reference number RN7, would be chosen over the other two fuel pumps. If the product selection request had been LCN of "A," a blank ALC, and UOC of "ABC," all items containing the UOC "ABC" would be selected. Therefore, all three fuel pumps under the basic model would be output. If the second model of the truck with UOC of "ABD" is to be selected, a product selection request with an LCN of "A" and a UOC of "ABD" is all that is needed. This would result in all LCN items with UOC values of "ABC" and "ABD," as well as all LCN items with UOC of "ABD" only being selected. In effect, the basic model with the diesel engine substituted would be output for the desired products.

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B.6.0 Serial Number Control as an Alternative for Configuration Management

For complex or major weapon systems in various production stages, the use of serial numbers may be used for greater control of end item configuration. By documenting Serial Number applicability in entity XD, and assembly/component/ piece part relationships to the serial numbered end item(s) using entities XE and HN, configuration control may be maintained to the individual end item. This is beneficial when production changes may occur to individual end items, which may not warrant an official configuration/model designation change. While most logistics product data systems do not use serial number as a selection criteria, ad hoc query capability would allow analysis/summary product generation based on serial number qualification.

B.7.0 Summary

The assignment of LCNs, UOCs, and ALCs must be approached carefully and logically in order to ensure that the logistics product data and resulting products represent the hardware logistics data desired and that there is traceability to the system's work breakdown structure. In general, a system/end item development effort normally begins with a single model designation (i.e., one UOC). During this phase of development, the ALC is needed only when alternative designs are being considered. As the hardware design stabilizes, the "undesirable" alternatives are deleted in favor of the "basic system" configuration. Once a system/end item enters the production phase, engineering change proposals, because of producibility limitations, design deficiencies, or changes in operational requirements, can dictate a new configuration model. When this occurs, the ALC once again would be used to aid in the documentation effort. This orderly application of the ALC to alternative design/maintenance concepts or multiple configuration/models can preclude user confusion. It is possible that some system/end item developments will initially be faced with documenting multiple configurations/models and alternative design/maintenance concepts, simultaneously. When this occurs, an orderly and logical approach to UOC and ALC, following the guidance of this appendix, will result in a properly documented system/end item.

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# APPENDIX C - SPREAD SHEET COMPARISON OF DOCUMENTS

## C.1.0 Purpose

This section contains a cross reference list of the data elements contained in MIL-STD-1388-2B, DEF STAN 00-60, MIL-PRF-49506, and GEIA-STD-0007. Each of these standards and specification address logistics support analysis record data elements. This cross reference list points out the similarities and differences. In particular, the differences between MIL-STD-1388-2B and GEIA-STD-0007 are highlighted via a grayed background in the row. Comments explain the differences between the two standards and can serve as a starting point in converting from MIL-STD-1388-2B format to the GEIA-STD-0007 format. The major differences between MIL-STD-1388-2B data and GEIA-STD-0007 include the following:

- Additional entities (i.e., CL, CLL, CM, CN, and CO) have been added to document the data module code of S1000D and its interface with logistics product data.
- Additional entities (i.e., XT, XZ, CQ, FZ, HX, HY, and HZ) have been added to capture information related to a “digital file”. The graphic source identification key was deleted and its component keys have been added.
- MIL-STD-1388-2B narrative limitations (i.e., narrative code, narrative field, and text sequencing code) have been eliminated in favor of separately defined narrative elements with unlimited character capability. As a result, MIL-STD-1388-2B tables (i.e., BB, BC, BG, BJ, EE, EG, FB, FC, FD, GC, HI, HL, JD, JE, and UF) have been eliminated and the separate narrative elements merged with existing entities in GEIA-STD-0007.
- Entities BB and BC have been reused to document multiple item functions and the association of the item functions to failure modes.
- Additional entities (CR and CS) have been added to document support equipment, tools, and parts at the subtask level of a task.
- Additional entities (CT, CU, CUU,CV, CW and HGA) have been added to document subtask objective states and the ability to document multiple scheduled maintenance events and associated event triggers.
- Entity JG was added to associate digital files with the transportability of an end item or sectionalized end items.
- Entity HH has been revised to document an overhaul rate or overhaul quantity.
- Currency code has been added for each cost or price field in the standard.

While most users are familiar with the data element format contained in the older documents (e.g., 4NR2 representing a numeric field with 2 positions to the right of the decimal and two positions to the left, with the decimal place assumed), the GEIA-STD-0007 employs the format used in the XML Schema. This consists of the columns “0007 format type” and “0007 XML format.” The “0007 format type” contains the basic attribute of the element; string, integer or decimal. A string attribute is generally equivalent to the “X” or alphanumeric field type in the other standards and specification. The integer and decimal formats in an XML Schema are more complex as can be seen in the “0007 XML format” column. To simplify the interpretation of the “0007 XML format” column, an additional column titled “0007 plain format” has been added. The following examples provide an explanation of how to read the “0007 XML format” column.

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**Decimal/Integer** types have an attribute configuration shown using the following example.

([0-9]{0,2})|([0-9]{0,2}\.[0-9]{0,2})

Explanations are as following:

| | |
|---|---|
| 1st [0-9] | The valid numbers that can be used (e.g., 0, 1, 2, 3, 4, 5, 6, 7, 8, 9). |
| {0,2} | The number of digits that can be used (e.g., 1 or 23). |
| "\|" | This symbol is an "or" option indicating a second optional format can be used. |
| 2nd [0-9] | The valid numbers that can be used for the second option (e.g., 0, 1, 2, 3, 4, 5, 6, 7, 8, 9). |
| {0,2} | The number of digits that can be used for the second option (e.g., 01, or 23 or 34). |
| \. | This symbol means there is a decimal point, which is optional for the second optional format. |
| 3rd [0-9] | The valid numbers that can be used for the second option (e.g., 0, 1, 2, 3, 4, 5, 6, 7, 8, 9). |
| {0,2} | This means no more than 2 positions after the decimal point for the second option (e.g., 12.99). |

In plain English, this element can contain values from 0 to 99 or 0 to 99.99.

**String** attributes may have a subtype of "float" where the form of the attribute may be all numeric digits up to the maximum field length.

Example 1:

[0-9]{0,4}

| | |
|---|---|
| [0-9] | The valid numbers that can be used (e.g., 0, 1, 2, 3, 4, 5, 6, 7, 8, 9). |
| {0,4} | A maximum length of up to 4 positions can be used (e.g., 0, 01,123, 0123). |

Example 2:

[0-9]{2}

| | |
|---|---|
| [0-9] | The valid numbers that can be used (e.g., 0, 1, 2, 3, 4, 5, 6, 7, 8, 9). |
| {2} | The fixed length the user can use within the valid numbers (e.g., 12, or 01 or 34). |

**Special characters:**

[A-Z_0-9'~!@#$%^&*()_+-=\[\]\\{}\|;':",./?><]{0,240}

| | |
|---|---|
| A-Z_0-9 | Indicates that uppercase alphanumeric characters and numeric characters only can be used. |
| '~!@#$%^&*()_+-=\[\]\\{}\;:",./?>< | Indicates which special characters can be used. |
| \| | Indicates the "or" option. |
| &apos | Designates that an apostrophe can be used. |
| {0,240} | The range of alphanumeric and special characters cannot exceed 240. |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| AA | Achieved Availability (Aa), Required | Achieved Availability (Aa), Required | required_achieved_ availability | | 8NR6- | decimal | numbers only from 0-99 or from 0-99.999999 | ([0-9]{0,2})\|([0-9]{0,2}\.[0-9]{0,6}) | |
| AA | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_ analysis_control_number_ code | | 2NF- | string | | 2 | |
| AA | Crew Size | Crew Size | crew_size | | 4NR-- | | | 4 | |
| AA | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | END ITEM ACRONYM CODE (EIAC) | 10XL- | string | | 10 | |
| AA | Inherent Availability, Required | Inherent Availability, Required | required_inherent_ availability | | 8NR6- | decimal | numbers only from 0-99 or from 0-99.999999 | ([0-9]{0,2})\|([0-9]{0,2}\.[0-9]{0,6}) | |
| AA | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_ control_number | | 18XL- | string | | 18 | |
| AA | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_ control_number_type | | 1AF-F | string | | 1 | |
| AA | Maximum Time To Repair (MAXTTR), Required | Maximum Time To Repair (MAXTTR), Required | required_maximum_time_to _ repair | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AA | Mean Active Maintenance Downtime (MAMDT), Operational | Mean Active Maintenance Downtime (MAMDT), Operational | operational_mean_active_ maintenance_downtime | | 6NR1- | decimal | numbers only from 0-99999 or from 0-99999.9 | ([0-9]{0,5})\|([0-9]{0,5}\.[0-9]{0,1}) | |
| AA | Mean Active Maintenance Downtime (MAMDT), Technical | Mean Active Maintenance Downtime (MAMDT), Technical | technical_mean_active_ maintenance_downtime | | 6NR1- | decimal | numbers only from 0-99999 or from 0-99999.9 | ([0-9]{0,5})\|([0-9]{0,5}\.[0-9]{0,1}) | |
| AA | Mean Time To Repair (MTTR), Required Operational | Mean Time To Repair (MTTR), Required Operational | required_operational_mean _time_to_repair | MEAN TIME TO REPAIR (MTTR) | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AA | Mean Time To Repair (MTTR), Required Technical | Mean Time To Repair (MTTR), Required Technical | required_technical_mean_ time_to_repair | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AA | Number of Operating Locations | Number of Operating Locations | number_operation_locations | | 4NR-- | integer | numbers only from 0-9999 | [0-9]{0,4} | |
| AA | Percentile, Required | Percentile, Required | required_percentile | | 2NF-- | integer | numbers only from 01-99 | [0-9]{2} | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| AA | Reliability Centered Maintenance (RCM), Logic Utilized | Reliability Centered Maintenance (RCM), Logic Utilized | reliability_centered_ maintenance_logic_utilized | | 32X--- | string | | 32 | |
| AA | Service Designator Code (SER) | Service Designator Code (SER) | service_designator_code | SERVICE DESIGNATOR CODE (SER) | 1AF-F | string | | 1 | |
| AA | Total Systems Supported | Total Systems Supported | total_systems_supported | | 6NR-- | integer | numbers only from 0-999999 | [0-9]{0,6} | |
| AB | Administrative & Logistic Delay Time (ALDT), Required | Administrative & Logistic Delay Time (ALDT), Required | required_administrative_and _ logistics_delay_time | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| AB | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_ analysis_control_number_ code | | 2NF-F | string | | 2 | |
| AB | Annual Number of Missions | Annual Number of Missions | annual_number_of_ missions | | 6NR-- | integer | numbers only from 0-999999 | [0-9]{0,6} | |
| AB | Annual Operating Days | Annual Operating Days | annual_operating_days | | 3NR-- | integer | numbers only from 0-366 | [0-9]{0,3} | |
| AB | Annual Operating Time | Annual Operating Time | annual_operating_time | | 4NR-- | integer | numbers only from 0-8784 | [0-9]{0,4} | |
| AB | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| AB | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_ control_number | | 18XL-F | string | | 18 | |
| AB | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_ control_number_type | | 1AF-F | string | | 1 | |
| AB | Mean Mission Duration | Mean Mission Duration | mean_mission_duration | | 6NR1- | decimal | numbers only from 0-99999 or from 0-99999.9 | ([0-9]{0,5})\|([0-9]{0,5}\.[0-9]{0,1}) | |
| AB | Mean Mission Duration; Measurement Base (MB) | Mean Mission Duration; Measurement Base (MB) | mean_mission_duration_ measurement_base | | 1AF-- | string | | 1 | |
| AB | Operational Availability, Required | Operational Availability, Required | required_operational_ availability | | 8NR6- | decimal | numbers only from 0-99 or from 0-99.999996 | ([0-9]{0,2})\|([0-9]{0,2}\.[0-9]{0,6}) | |
| AB | Operational Requirement Indicator (ORI) | Operational Requirement Indicator (ORI) | operational_requirement_ indicator | | 1AF-F | string | | 1 | |
| AB | Service Designator Code (SER) | Service Designator Code (SER) | service_designator_code | | 1AF-F | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| AB | Standby Time, Required | Standby Time, Required | required_standby_time | | 4NR-- | integer | numbers only from 0-9999 | [0-9]{0,4} | |
| AB | | | additional_requirements | | | string | | Unlimited | Element taken from Table AF in MIL-STD-1388-2B. |
| AC | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| AC | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| AC | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| AC | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| AC | Maintenance Level Annual Man-Hours, Scheduled | Maintenance Level Annual Man-Hours, Scheduled | maintenance_level_scheduled_annual_man-hours | | 6NR1- | decimal | numbers only from 0-99999 or from 0-99999.9 | ([0-9]{0,5})\|([0-9]{0,5}\.[0-9]{0,1}) | |
| AC | Maintenance Level Annual Man-Hours, Unscheduled | Maintenance Level Annual Man-Hours, Unscheduled | maintenance_level_unscheduled_annual_man-hours | | 6NR1- | decimal | numbers only from 0-99999 or from 0-99999.9 | ([0-9]{0,5})\|([0-9]{0,5}\.[0-9]{0,1}) | |
| AC | Maintenance Level Maximum Time To Repair (MAXTTR) | Maintenance Level Maximum Time To Repair (MAXTTR) | maintenance_level_maximum time_to_repair | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AC | Maintenance Level Percentile | Maintenance Level Percentile | maintenance_level_percentile | | 2NF-- | integer | numbers only from 01-99 | [0-9]{2} | |
| AC | Man-Hours Per Operating Hour, Scheduled | Man-Hours Per Operating Hour, Scheduled | scheduled_man_hour_per_operating_hour | | 8NR5- | decimal | numbers only from 0-999 or from 0-999.99999 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,5}) | |
| AC | Man-Hours Per Operating Hour, Unscheduled | Man-Hours Per Operating Hour, Unscheduled | unscheduled_man_hour_per_operating_hour | | 8NR5- | decimal | numbers only from 0-999 or from 0-999.99999 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,5}) | |
| AC | Number of Systems Supported | Number of Systems Supported | number_of_systems_supported | | 6NR-- | integer | numbers only from 0-999999 | [0-9]{0,6} | |
| AC | Operational Requirement Indicator (ORI) | Operational Requirement Indicator (ORI) | operational_requirement_indicator | | 1AF-F | string | | 1 | |
| AC | Operations & Maintenance (O&M) Level Code | Operations & Maintenance (O&M) Level Code | operations_and_maintenance_level_code | | 1AF-F | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| AC | Service Designator Code (SER) | Service Designator Code (SER) | service_designator_code | | 1AF-K | string | | 1 | |
| AC | Unscheduled Maintenance, Mean Elapsed Time (MET) | Unscheduled Maintenance, Mean Elapsed Time (MET) | unscheduled_maintenance_mean_elapsed_time | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AC | Unscheduled Maintenance, Mean Man-Hours | Unscheduled Maintenance, Mean Man-Hours | unscheduled_maintenance_mean_man_hours | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AD | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| AD | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| AD | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| AD | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| AD | Operational Requirement Indicator (ORI) | Operational Requirement Indicator (ORI) | operational_requirement_indicator | | 1AF-F | string | | 1 | |
| AD | Operations & Maintenance (O&M) Level Code | Operations & Maintenance (O&M) Level Code | operations_and_maintenance_level_code | | 1AF-K | string | | 1 | |
| AD | Organizational O&M Reqrmts: Daily Inspection, Mean Elapsed Time (MET) | Organizational O&M Reqrmts: Daily Inspection, Mean Elapsed Time (MET) | daily_inspection_mean_elapsed_time | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AD | Organizational O&M Reqrmts: Daily Inspection, Mean Man-Hours | Organizational O&M Reqrmts: Daily Inspection, Mean Man-Hours | daily_inspection_mean_man-hours | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| AD | Organizational O&M Reqrmts: Mission Profile Change, Mean Elapsed Time | Organizational O&M Reqrmts: Mission Profile Change, Mean Elapsed Time | mission_profile_change_mean_elapsed_time | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AD | Organizational O&M Reqrmts: Mission Profile Change, Mean Man-Hours | Organizational O&M Reqrmts: Mission Profile Change, Mean Man-Hours | mission_profile_change_mean_man_hours | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AD | Organizational O&M Reqrmts: Periodic Inspection, Mean Elapsed Time (MET) | Organizational O&M Reqrmts: Periodic Inspection, Mean Elapsed Time (MET) | periodic_inspection_mean_elapsed_time | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AD | Organizational O&M Reqrmts: Periodic Inspection, Mean Man-Hours | Organizational O&M Reqrmts: Periodic Inspection, Mean Man-Hours | periodic_inspection_mean_man_hours | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AD | Organizational O&M Reqrmts: Post Operative Inspection, Mean Man-Hours | Organizational O&M Reqrmts: Post Operative Inspection, Mean Man-Hours | postoperative_inspection_mean_man-hours | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AD | Organizational O&M Reqrmts: Post Operative Inspect'n, Mean Elapsed Time | Organizational O&M Reqrmts: Post Operative Inspect'n, Mean Elapsed Time | postoperative_inspection_mean_elapsed_time | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| AD | Organizational O&M Reqrmts: Preoperative Inspection, Mean Elapsed Time | Organizational O&M Reqrmts: Preoperative Inspection, Mean Elapsed Time | preoperative_inspection_mean_elapsed_time | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AD | Organizational O&M Reqrmts: Preoperative Inspection, Mean Man-Hours | Organizational O&M Reqrmts: Preoperative Inspection, Mean Man-Hours | preoperative_inspection_mean_man_hours | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AD | Organizational O&M Reqrmts: Turnaround Inspect'n, Mean Elapsed Time | Organizational O&M Reqrmts: Turnaround Inspect'n, Mean Elapsed Time | turnaround_inspection_mean_elapsed_time | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AD | Organizational O&M Reqrmts: Turnaround Inspect'n, Mean Man-Hours | Organizational O&M Reqrmts: Turnaround Inspect'n, Mean Man-Hours | turnaround_inspection_mean_man_hours | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| AD | Service Designator Code (SER) | Service Designator Code (SER) | service_designator_code | | 1AF-F | string | | 1 | |
| AE | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| AE | Available Man-Hours [1] | Available Man-Hours [1] | available_man_hour | | 6NR-- | integer | numbers only from 0-999999 | [0-9]{0,6} | |
| AE | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| AE | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| AE | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| AE | Operational Requirement Indicator (ORI) | Operational Requirement Indicator (ORI) | operational_requirement_indicator | | 1AF-F | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| AE | Operations & Maintenance (O&M) Level Code [1] | Operations & Maintenance (O&M) Level Code [1] | operations_and_ maintenance_level_code | | 1AF-F | string | | 1 | |
| AE | Quantity Skill Specialty Code (SSC) Available [1] | Quantity Skill Specialty Code (SSC) Available [1] | available_quantity | | 5NR-- | integer | numbers only from 0-99999 | [0-9]{0,5} | |
| AE | Service Designator Code | Service Designator Code | service_designator_code | | 1AF-F | string | | 1 | |
| AE | Skill Specialty Code (SSC) [1] | Skill Specialty Code (SSC) [1] | skill_specialty_code | | 7XL-F | string | | 7 | |
| AE | Utilization Ratio | Utilization Ratio | utilization_ratio | | 3NR2- | decimal | numbers only from 0-9 or from 0-9.99 | ([0-9]{0,1})\|([0-9]{0,1}\.[0-9]{0,2}) | |
| AF | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | | | 2NF-F | | | | Table AF collapsed into Entity AB of GEIA-STD-0007 |
| AF | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | | | 10XL-F | | | | Table AF collapsed into Entity AB of GEIA-STD-0007 |
| AF | LSA Control Number (LCN) | LSA Control Number (LCN) | | | 18XL-F | | | | Table AF collapsed into Entity AB of GEIA-STD-0007 |
| AF | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | | | 1AF-F | | | | Table AF collapsed into Entity AB of GEIA-STD-0007 |
| AF | Service Designator Code | Service Designator Code | | | 1AF-F | | | | Table AF collapsed into Entity AB of GEIA-STD-0007 |
| AF | Operational Requirement Indicator (ORI) | Operational Requirement Indicator (ORI) | | | 1AF-F | | | | Table AF collapsed into Entity AB of GEIA-STD-0007 |
| AF | Additional Requirements | Additional Requirements | | | 65X--- | | | | Table AF collapsed into Entity AB of GEIA-STD-0007 |
| AF | Additional Requirements Text Sequencing Code | Additional Requirements Text Sequencing Code | | | 5NX-- | | | | Table AF collapsed into Entity AB of GEIA-STD-0007 |
| AG | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_ analysis_control_number_ code | | 2NF-F | string | | 2 | |
| AG | Annual Operating Requirements (AOR) [1] | Annual Operating Requirements (AOR) [1] | annual_operating_ requirement | | 6NR-M | integer | numbers only from 0-999999 | [0-9]{0,6} | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| AG | Annual Operating Requirements (AOR); Measurement Base (MB) | Annual Operating Requirements (AOR); Measurement Base (MB) | annual_operating_ requirement_measurement_ base | MEASUREMENT BASE (MB) | 1AF-K | string | | | |
| AG | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| AG | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_ control_number | | 18XL-F | string | | 18 | |
| AG | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_ control_number_type | | 1AF-F | string | | 1 | |
| AG | Mean Time Between Failures (MTBF), Required Operational | Mean Time Between Failures (MTBF), Required Operational | required_operational_mean _time_between_failures | MEAN TIME BETWEEN FAILURES (MTBF) | 10D--- | string | | 10 | |
| AG | Mean Time Between Failures (MTBF), Required Technical | Mean Time Between Failures (MTBF), Required Technical | required_technical_mean_ time_between_failures | | 10D--- | string | | 10 | |
| AG | Mean Time Between Maintenance Actions (MTBMA), Required Operational | Mean Time Between Maintenance Actions (MTBMA), Required Operational | required_operational_mean _time_between_ maintenance_actions | | 10D--- | string | | 10 | |
| AG | Mean Time Between Maintenance Actions (MTBMA), Required Technical | Mean Time Between Maintenance Actions (MTBMA), Required Technical | required_technical_mean_ time_between_maintenance _actions | | 10D--- | string | | 10 | |
| AG | Mean Time Between Removals (MTBR), Required | Mean Time Between Removals (MTBR), Required | required_mean_time_ between_removals | | 10D--- | string | | 10 | |
| AG | Reliability Operational Requirement Indicator (ORI) | Reliability Operational Requirement Indicator (ORI) | reliability_operational_ requirements_indicator | | 1AF-M | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| AG | | REQUIRED OPERATIONAL MTBF MEASUREMENT BASE | | | | | | | |
| AG | | REQUIRED TECHNICAL MTBF MEASUREMENT BASE | | | | | | | |
| AG | | | required_mean_time_between_effective_function_failures | | | String | | 10 | New element added to 0007. |
| AG | | | required_mean_time_between_noneffective_function_failures | | | String | | 10 | New element added to 0007. |
| AG | | | required_mean_time_between_system_aborts | | | String | | 10 | New element added to 0007. |
| AH | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| AH | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| AH | Interoperable CAGE Code | Interoperable CAGE Code | interoperable_item_commercial_and_government_entity_code | | 5XF-- | string | | 5 | |
| AH | Interoperable Item Name | Interoperable Item Name | interoperable_item_name | ITEM NAME | 19XL-K | string | | 19 | |
| AH | Interoperable Item NSN: Federal Supply Classification (FSC) | Interoperable Item NSN: Federal Supply Classification (FSC) | interoperable_item_federal_supply_classification | | 4NF-- | string | | 4 | |
| AH | Interoperable Item NSN: National Item Identification Number (NIIN) | Interoperable Item NSN: National Item Identification Number (NIIN) | interoperable_item_national_item_identification_number | NATIONAL STOCK NUMBER AND RELATED DATA | 9XF-- | string | | 9 | |
| AH | Interoperable Item Number Type | Interoperable Item Number Type | interoperable_item_number_type | | 1AF-K | string | | 1 | |
| AH | Interoperable Item Technical Manual (TM) Number | Interoperable Item Technical Manual (TM) Number | interoperable_item_technical_manual_number | | 30XL-- | string | | 30 | |
| AH | Interoperable Reference Number (Ref. No.) | Interoperable Reference Number (Ref. No.) | interoperable_item_reference_number | | 32XL-- | string | | 32 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| AH | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| AH | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| AI | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| AI | Labor Rate | Labor Rate | labor_rate | | 4NR2- | decimal | numbers only from 0-99 or from 0-99.99 | ([0-9]{0,2})\|([0-9]{0,2}\.[0-9]{0,2}) | |
| AI | Modeling Operations & Maintenance (O&M) Level Code | Modeling Operations & Maintenance (O&M) Level Code | modeling_operations_and_maintenance_level_code | | 1AF-K | string | | 1 | |
| AI | Modeling Service Designator Code | Modeling Service Designator Code | modeling_service_designator_code | | 1AF-K | string | | 1 | |
| AI | Number of Shops | Number of Shops | number_of_shops | | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| AI | Repair Work Space Cost | Repair Work Space Cost | repair_work_space_cost | | 4NR2- | decimal | numbers only from 0-99 or from 0-99.99 | ([0-9]{0,2})\|([0-9]{0,2}\.[0-9]{0,2}) | |
| AI | Required Days of Stock | Required Days of Stock | required_days_of_stock | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| AI | | LABOUR RATE CURRENCY CODE | labor_rate_currency_code | | | string | | 3 | New element in 0007 Revision B |
| AI | | REPAIR WORK SPACE COST CURRENCY CODE | repair_work_space_cost_currency_code | | | String | | 3 | New element in 0007 Revision B |
| AJ | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| AJ | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| AJ | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| AJ | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| AJ | Operations & Maintenance (O&M) Level, From | Operations & Maintenance (O&M) Level, From | operations_and_maintenance_level_from | | 1AF-K | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| AJ | Operations & Maintenance (O&M) Level, To | Operations & Maintenance (O&M) Level, To | operations_and_ maintenance_level_to | | 1AF-K | string | | 1 | |
| AJ | Ship Distance | Ship Distance | ship_distance | | 4NR-- | integer | numbers only from 0-9999 | [0-9]{0,4} | |
| AJ | Ship Time | Ship Time | ship_time | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| AK | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_ analysis_control_number_ code | | 2NF-F | string | | 2 | |
| AK | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| AK | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_ control_number | | 18XL-F | string | | 18 | |
| AK | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_ control_number_type | | 1AF-F | string | | 1 | |
| AK | System/End Item (EI) Narrative | System/End Item (EI) Narrative | system_end_item_narrative | | 65X--- | string | | unlimited | Separate narrative fields created in 0007. |
| AK | System/End Item (EI) Narrative Code | System/End Item (EI) Narrative Code | | | 1AF-K | | | | Field deleted in 0007 and separate narrative fields created. |
| AK | Text Sequencing Code (TSC): System/End Item (EI) Narrative | Text Sequencing Code (TSC): System/End Item (EI) Narrative | | | 5NR-K | | | | Element deleted from 0007 (narrative considered a blob). |
| AK | | | system_end_item_additional _supportability_parameters_ narrative | | | string | | unlimited | New narrative field created in 0007. |
| AK | | | system_end_item_additional _supportability_ considerations_narrative | | | string | | unlimited | New narrative field created in 0007. |
| AK | | | system_end_item_ operational_mission_failure _definition_narrative | | | string | | unlimited | New narrative field created in 0007. |
| BA | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_ analysis_control_number_ code | | 2NF-F | string | | 2 | |
| BA | Built In Test (BIT) Application: Fault Isolation, Ambiguity Group 1 | Built In Test (BIT) Application: Fault Isolation, Ambiguity Group 1 | fault_isolation_ambiguity_ group_1 | | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BA | Built In Test (BIT) Application: Fault Isolation, Ambiguity Group 2 | Built In Test (BIT) Application: Fault Isolation, Ambiguity Group 2 | fault_isolation_ambiguity_group_2 | | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| BA | Built In Test (BIT) Application: Fault Isolation, Percent Failure for Group 1 | Built In Test (BIT) Application: Fault Isolation, Percent Failure for Group 1 | fault_isolation_percent_failure_group_1 | | 3NR1- | decimal | numbers only from 0-99 or from 0-99.9 | ([0-9]{0,2})\|([0-9]{0,2}\.[0-9]{0,1}) | |
| BA | Built In Test (BIT) Application: Fault Isolation, Percent Failure for Group 2 | Built In Test (BIT) Application: Fault Isolation, Percent Failure for Group 2 | fault_isolation_percent_failure_group_2 | | 3NR1- | decimal | numbers only from 0-99 or from 0-99.9 | ([0-9]{0,2})\|([0-9]{0,2}\.[0-9]{0,1}) | |
| BA | Built In Test (BIT) Cannot Duplicate (CND) Percentage | Built In Test (BIT) Cannot Duplicate (CND) Percentage | built_in_test_cannot_duplicate_percentage | | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| BA | Built In Test (BIT) Detectability Level Percentage Per Group 1 | Built In Test (BIT) Detectability Level Percentage Per Group 1 | built_in_test_detectability_level_percentage_group_1 | | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| BA | Built In Test (BIT) Detectability Level Percentage Per Group 2 | Built In Test (BIT) Detectability Level Percentage Per Group 2 | built_in_test_detectability_level_percentage_group_2 | | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| BA | Built In Test (BIT) Retest OK (RTOK) Percentage | Built In Test (BIT) Retest OK (RTOK) Percentage | built_in_test_retest_ok_percent | | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| BA | Conversion Factor | Conversion Factor | conversion_factor | | 5N--- | string | | 5 | |
| BA | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| BA | Failure Rate Data Source | Failure Rate Data Source | failure_rate_data_source | | 32XL-- | string | | 32 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BA | Logistic Considerations: Accessibility | Logistic Considerations: Accessibility | logistics_considerations_ accessibility | | 1AF-- | string | | 1 | |
| BA | Logistic Considerations: Connectors for Ease of Removal | Logistic Considerations: Connectors for Ease of Removal | logistics_considerations_ connectors | | 1AF-- | string | | 1 | |
| BA | Logistic Considerations: Corrosion/Rust Control | Logistic Considerations: Corrosion/Rust Control | logistics_considerations_ corrosion_rust_control | | 1AF-- | string | | 1 | |
| BA | Logistic Considerations: Design for Self Protect'n Against Damage After Fail. | Logistic Considerations: Design for Self Protect'n Against Damage After Fail. | logistics_considerations_ design_for_self_protection | | 1AF-- | string | | 1 | |
| BA | Logistic Considerations: Fault Location | Logistic Considerations: Fault Location | logistics_considerations_ fault_location | | 1AF-- | string | | 1 | |
| BA | Logistic Considerations: Labeling | Logistic Considerations: Labeling | logistics_considerations_ labeling | | 1AF-- | string | | 1 | |
| BA | Logistic Considerations: Maintenance Ease | Logistic Considerations: Maintenance Ease | logistics_considerations_ maintenance_ease | | 1AF-- | string | | 1 | |
| BA | Logistic Considerations: Packaging & Transportation | Logistic Considerations: Packaging & Transportation | logistics_considerations_ packaging_and_ transportation | | 1AF-- | string | | 1 | |
| BA | Logistic Considerations: Safety | Logistic Considerations: Safety | logistics_considerations_ safety | | 1AF-- | string | | 1 | |
| BA | Logistic Considerations: Skills | Logistic Considerations: Skills | logistics_considerations_ skills | | 1AF-- | string | | 1 | |
| BA | Logistic Considerations: Standardization | Logistic Considerations: Standardization | logistics_considerations_ standardization | | 1AF-- | string | | 1 | |
| BA | Logistic Considerations: Test Points | Logistic Considerations: Test Points | logistics_considerations_ test_points | | 1AF-- | string | | 1 | |
| BA | Logistic Considerations: Training | Logistic Considerations: Training | logistics_considerations_ training | | 1AF-- | string | | 1 | |
| BA | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_ control_number | | 18XL-F | string | | 18 | |
| BA | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_ control_number_type | | 1AF-F | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BA | Minimum Equipment List Indicator | Minimum Equipment List Indicator | minimum_equipment_list_indicator | | 1AF-- | string | | 1 | |
| BA | Pilot Rework/Overhaul (PR/O) Candidate | | pilot_rework_overhaul_candidate | | 1AF-- | string | | 1 | |
| BA | Security Clearance | Security Clearance | security_clearance | | 1NF-- | integer | numbers only from 0-9999 | [0-9]{0,4} | |
| BA | Support Concept | Support Concept | support_concept | | 1AF-- | string | | 1 | |
| BA | Wearout Life | Wearout Life | wearout_life | WEAROUT LIFE | 6NR-- | string | | 6 | |
| BA | Wear-Out Life; Measurement Base (MB) | Wear-Out Life; Measurement Base (MB) | wearout_life_measurement_base | | 1AF-- | string | | 1 | |
| BA | | AUTHORIZED LIFE (AECMA 2000M TEI AUL) | | | | | | | |
| BA | | AUTHORIZED LIFE MEASURMENT BASE | | | | | | | |
| BA | | MAINTENANCE CONCEPT COST 1 | | | | | | | |
| BA | | MAINTENANCE CONCEPT COST 2 | | | | | | | |
| BA | | MAINTENANCE CONCEPT COST CURRENCY CODE | | | | | | | |
| BA | | MAINTENANCE CONCEPT COST3 | | | | | | | |
| BA | | MAINTENANCE CONCEPT OPTION 1 | | | | | | | |
| BA | | MAINTENANCE CONCEPT OPTION 2 | | | | | | | |
| BA | | MAINTENANCE CONCEPT OPTION 3 | | | | | | | |
| BA | | SAMPLING REQUIRED | | | | | | | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BA | | SOFTWARE SUPPORT PLAN (SSP) REQUIRED | | | | | | | |
| BA | | UPKEEP/ WEAPONS REPAIR POLICY CODE | | | | | | | |
| BA | | | reliability_availability_and_ maintainability_item_ function_narrative | | | String | | | Attribute moved to Entity BB for Revision B |
| BA | | | reliability_availability_and_ maintainability_ maintenance_concept_ narrative | | | string | | | New narrative field from entity BB. |
| BA | | | reliability_availability_and_ maintainability_minimum_ equipment_list_narrative | | | string | | | New narrative field from entity BB. |
| BA | | | reliability_availability_and_ maintainability_qualitative_ and_quantitative_ maintainability_ requirements_narrative | | | string | | | New narrative field from entity BB. |
| BA | | | reliability_availability_and_ maintainability_maintenance _plan_rationale_narrative | | | string | | | New narrative field from entity BB. |
| BA | | | system_redesign_ standardization_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | system_redesign_ accessibility_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | system_redesign_ maintenance_ease_ narrative | | | string | | | New narrative field from entity BC. |
| BA | | | system_redesign_safety_ narrative | | | string | | | New narrative field from entity BC. |
| BA | | | system_redesign_test_ points_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | system_redesign_skills_ narrative | | | string | | | New narrative field from entity BC. |
| BA | | | system_redesign_training_ narrative | | | string | | | New narrative field from entity BC. |
| BA | | | system_redesign_ connectors_for_ease_ removal_ narrative | | | string | | | New narrative field from entity BC. |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BA | | | system_redesign_packaging_and_transportation_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | system_redesign_fault_location_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | system_redesign_labeling_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | system_redesign_for_self_protection_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | system_redesign_corrosion_and_rust_control_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | logistics_considerations_for_standardization_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | logistics_considerations_for_maintenance_ease_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | logistics_considerations_for_safety_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | logistics_considerations_for_test_points_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | logistics_considerations_for_skills_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | logistics_considerations_for_connectors_for_ease_of_removal_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | logistics_considerations_for_packaging_and_transportation_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | logistics_considerations_for_fault_location_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | logistics_considerations_for_labeling_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | logistics_considerations_for_design_for_self_protection_narrative | | | string | | | New narrative field from entity BC. |
| BA | | | logistics_considerations_for_corrosion_and_rust_control_narrative | | | string | | | New narrative field from entity BC. |
| BB | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | | | 2 | Table BB reused for multiple item functions for Revision B |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BB | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | | | 10 | Table BB reused for multiple item functions for Revision B |
| BB | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | | | 18 | Table BB reused for multiple item functions for Revision B |
| BB | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | | | 1 | Table BB reused for multiple item functions for Revision B |
| BB | Reliability availability and maintainability (RAM) narrative code | RAM characteristics Narrative Code | | | 1AF-F | | | | Element deleted from 0007 and narrative fields created separately for each code. |
| BB | RAM characteristics Narrative text sequencing code | RAM characteristics Narrative text sequencing code | | | 5NR- | | | | Element deleted from 0007 (narrative considered a blob) and separate fields created for narrative. |
| BB | RAM characteristics Narrative | RAM characteristics Narrative | | | 65X-- | | | | Separate narrative fields created and collapsed into Entity BA. |
| BB | | | item_function_identifier | | | string | | 3 | New field to identify each function associated with the item under analysis. Added in Revision B. |
| BB | | | reliability_availabilty_and_maintainability_item_function_narrative | | | string | | unlimited | Item function narrative moved from Entity BA. Added in Revision B. |
| BC | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | | | 2 | Table reused to associate item functions with failure modes from Entity BF. Added in Revision B. |
| BC | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | | | 10 | Table reused to associate item functions with failure modes from Entity BF. Added in Revision B. |
| BC | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | | | 18 | Table reused to associate item functions with failure modes from Entity BF. Added in Revision B. |
| BC | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | | | 1 | Table reused to associate item functions with failure modes from Entity BF. Added in Revision B. |
| BC | Logistics Consideration Code | System Redesign/ Logistics Consideration Code | | | 1XF-F | | | | Element deleted from 0007 and narrative fields created separately for each code. |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BC | RAM logistics considerations text sequencing code | RAM logistics considerations text sequencing code | | | 5NR- | | | | Element deleted from 0007 (narrative fields are blobs that do not require a text sequencing code). |
| BC | RAM logistics considerations | RAM logistics considerations | | | 65X-- | | | | Separate narrative fields created and collapsed into Entity BA. |
| BC | | | item_function_identifier | | | string | | 3 | New element to capture multiple item functions. Added in Revision B. |
| BC | | | failure_mode_indicator | | | string | | 4 | Element from Entity BF. Added in Revision B. |
| BD | Achieved Availability (Aa) | Achieved Availability (Aa) | achieved_availability | | 8NR6- | decimal | numbers only from 0-99 or from 0-99.999999 | ([0-9]{0,2})\|([0-9]{0,2}\.[0-9]{0,6}) | |
| BD | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| BD | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| BD | Failure Rate | Failure Rate | failure_rate | | 10D--- | string | | 10 | |
| BD | Failure Rate; Measurement Base (MB) | Failure Rate; Measurement Base (MB) | failure_rate_measurement_base | | 1AF-- | string | | 1 | |
| BD | Inherent Availability | Inherent Availability | inherent_availability | | 8NR6- | decimal | numbers only from 0-99 or from 0-99.999999 | ([0-9]{0,2})\|([0-9]{0,2}\.[0-9]{0,6}) | |
| BD | Inherent Maintenance Factor (IMF) | Inherent Maintenance Factor (IMF) | inherent_maintenance_factor | | 2NR1- | decimal | numbers only from 0-9 or from 0-9.9 | ([0-9]{0,1})\|([0-9]{0,1}\.[0-9]{0,1}) | |
| BD | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| BD | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| BD | Maximum Time To Repair (MAXTTR) | Maximum Time To Repair (MAXTTR) | maximum_time_to_repair | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| BD | Mean Time Between Failures (MTBF), Operational | Mean Time Between Failures (MTBF), Operational | mean_time_between_failures_operational | | 10D--- | string | | 10 | |
| BD | Mean Time Between Failures (MTBF), Operational; MB | Mean Time Between Failures (MTBF), Operational; MB | mean_time_between_failure_operational_measurement_base | | 1AF-- | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BD | Mean Time Between Failures (MTBF), Technical | Mean Time Between Failures (MTBF), Technical | mean_time_between_failures_technical | | 10D--- | string | | 10 | |
| BD | Mean Time Between Failures (MTBF), Technical; Measurement Base (MB) | Mean Time Between Failures (MTBF), Technical; Measurement Base (MB) | mean_time_between_failure_technical_measurement_base | | 1AF-- | string | | 1 | |
| BD | Mean Time Between Maintenance (MTBM), Induced | Mean Time Between Maintenance (MTBM), Induced | mean_time_between_maintenance_induced | | 10D--- | string | | 10 | |
| BD | Mean Time Between Maintenance (MTBM), Inherent | Mean Time Between Maintenance (MTBM), Inherent | mean_time_between_maintenance_inherent | | 10D--- | string | | 10 | |
| BD | Mean Time Between Maintenance (MTBM), Inherent; Measurem't Base (MB) | Mean Time Between Maintenance (MTBM), Inherent; Measurem't Base (MB) | mean_time_between_maintenance_inherent_measurement_base | | 1AF-- | string | | 1 | |
| BD | Mean Time Between Maintenance (MTBM), No Defect | Mean Time Between Maintenance (MTBM), No Defect | mean_time_between_maintenance_no_defect | | 10D--- | string | | 10 | |
| BD | Mean Time Between Maintenance (MTBM), No Defect; Measur. Base (MB) | Mean Time Between Maintenance (MTBM), No Defect; Measur. Base (MB) | mean_time_between_maintenance_no_defect_measurement_base | | 1AF-- | string | | 1 | |
| BD | Mean Time Between Maintenance Actions (MTBMA), Operational | Mean Time Between Maintenance Actions (MTBMA), Operational | mean_time_between_maintenance_actions_operational_type | | 10D--- | string | | 10 | |
| BD | Mean Time Between Maintenance Actions (MTBMA), Operat'l; MB | Mean Time Between Maintenance Actions (MTBMA), Operat'l; MB | mean_time_between_maintenance_actions_operational_measurement_base | | 1AF-- | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BD | Mean Time Between Maintenance Actions (MTBMA), Technical | Mean Time Between Maintenance Actions (MTBMA), Technical | mean_time_between_maintenance_actions_technical | | 10D--- | string | | 10 | |
| BD | Mean Time Between Maintenance Actions (MTBMA), Technical; MB | Mean Time Between Maintenance Actions (MTBMA), Technical; MB | mean_time_between_maintenance_actions_technical_measurement_base | | 1AF-- | string | | 1 | |
| BD | Mean Time Between Maintenance, Induced; Measurement Base (MB) | Mean Time Between Maintenance, Induced; Measurement Base (MB) | mean_time_between_maintenance_induced_measurement_base | | 1AF-- | string | | 1 | |
| BD | Mean Time Between Preventive Maintenance (MTBPM) | Mean Time Between Preventive Maintenance (MTBPM) | mean_time_between_preventive_maintenance | | 10D--- | string | | 10 | |
| BD | Mean Time Between Preventive Maintenance (MTBPM); Measur. Base (MB) | Mean Time Between Preventive Maintenance (MTBPM); Measur. Base (MB) | mean_time_between_preventive_maintenance_measurement_base | | 1AF-- | string | | 1 | |
| BD | Mean Time Between Removals (MTBR) | Mean Time Between Removals (MTBR) | mean_time_between_removals | | 10D--- | string | | 10 | |
| BD | Mean Time Between Removals (MTBR); Measurement Base (MB) | Mean Time Between Removals (MTBR); Measurement Base (MB) | mean_time_between_removals_measurement_base | | 1AF-- | string | | 1 | |
| BD | Mean Time To Repair (MTTR), Operational | Mean Time To Repair (MTTR), Operational | mean_time_to_repair_operational | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| BD | Mean Time To Repair (MTTR), Technical | Mean Time To Repair (MTTR), Technical | mean_time_to_repair_technical | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| BD | Percentile | Percentile | percentile | | 2NF-- | integer | numbers only from 01-99 | [0-9]{2} | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BD | Reliability, Availability & Maintainability (RAM) Indicator Code | Reliability, Availability & Maintainability (RAM) Indicator Code | reliability_availability_and_maintainability_indicator_code | | 1AF-F | string | | 1 | |
| BD | | CONFIRMED FAULT RATE/1000 HOURS | | | | | | | |
| BD | | MAXIMUN ALLOWABLE MAINTENANCE INTERVAL (MAMI) | | | | | | | |
| BD | | MAXIMUN ALLOWABLE MAINTENANCE INTERVAL (MAMI) MB | | | | | | | |
| BD | | MEAN TIME BETWEEN CONSUPTION | | | | | | | |
| BD | | MEAN TIME BETWEEN CONSUPTION_MB | | | | | | | |
| BD | | TIME BETWEEN OVERHAULS (AECMA 2000M TEI TBO) | | | | | | | |
| BD | | TIME BETWEEN OVERHAULS MEASUREMENT BASE | | | | | | | |
| BD | | TIME BETWEEN SCHEDULED SHOP VISITS | | | | | | | |
| BD | | TIME BETWEEN SCHEDULED SHOP VISITS MB | | | | | | | |
| BD | | | mean_time_between_system_aborts | | | String | | 10 | New data element added to 0007. |
| BD | | | mean_time_between_system_aborts_measurement_base | | | String | | 1 | New data element added to 0007. |
| BD | | | mean_time_between_effective_function_failures | | | String | | 10 | New data element added to 0007. |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BD | | | mean_time_between_effective_function_failures_measurement_base | | | String | | 1 | New data element added to 0007. |
| BD | | | mean_time_between_noneffective_function_failures | | | String | | 10 | New data element added to 0007. |
| BD | | | mean_time_between_noneffective_function_failures_measurement_base | | | String | | 1 | New data element added to 0007. |
| BE | Administrative & Logistic Delay Time (ALDT) | Administrative & Logistic Delay Time (ALDT) | administrative_and_logistics_delay_time | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| BE | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| BE | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| BE | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| BE | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| BE | Operational Availability | Operational Availability | operational_availability | | 8NR6- | decimal | numbers only from 0-99 or from 0-99.999999 | ([0-9]{0,2})\|([0-9]{0,2}\.[0-9]{0,6}) | |
| BE | Reliability, Availability & Maintainability (RAM) Indicator Code | Reliability, Availability & Maintainability (RAM) Indicator Code | reliability_availability_and_maintainability_indicator_code | | 1AF-K | string | | 1 | |
| BE | Reliability, Availability & Maintainability (RAM) Operational Reqrmt Indctr (ORI) | Reliability, Availability & Maintainability (RAM) Operational Reqrmt Indctr (ORI) | reliability_availability_and_maintainability_operational_requirement_indicator | | 1AF-K | string | | 1 | |
| BE | Standby Time | Standby Time | standby_time | | 4NR-- | integer | numbers only from 0-9999 | [0-9]{0,4} | |
| BF | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| BF | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BF | Engineering Failure Mode Mean Time Between Failure (EFM-MTBF); Measurement Base (MB) | Engineering Failure Mode Mean Time Between Failure (EFM-MTBF); Measurement Base (MB) | engineering_failure_mode_mean_time_between_failure_measurement_base | | 1AF-- | string | | 1 | |
| BF | Engineering Failure Mode Mean Time Between Failure (MTBF) | Engineering Failure Mode Mean Time Between Failure (MTBF) | engineering_failure_mode_mean_time_between_failure | | 10D--- | string | | 10 | |
| BF | Failure Mode Classification | Failure Mode Classification | failure_mode_classification | | 1AF-- | string | | 1 | |
| BF | Failure Mode Indicator (FMI) | Failure Mode Indicator (FMI) | failure_mode_indicator | | 4XF-F | string | | 4 | |
| BF | Failure Mode Ratio | Failure Mode Ratio | failure_mode_ratio | | 4NR3- | decimal | numbers only from 0-9 or from 0-9.999 | ([0-9]{0,1})\|([0-9]{0,1}\.[0-9]{0,3}) | |
| BF | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| BF | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Disposition A | Reliability Centered Maintenance (RCM), Disposition A | reliability_centered_maintenance_disposition_a | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Disposition B | Reliability Centered Maintenance (RCM), Disposition B | reliability_centered_maintenance_disposition_b | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Disposition C | Reliability Centered Maintenance (RCM), Disposition C | reliability_centered_maintenance_disposition_c | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Disposition D | Reliability Centered Maintenance (RCM), Disposition D | reliability_centered_maintenance_disposition_d | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Disposition E | Reliability Centered Maintenance (RCM), Disposition E | reliability_centered_maintenance_disposition_e | | 1XF-- | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BF | Reliability Centered Maintenance (RCM), Disposition F | Reliability Centered Maintenance (RCM), Disposition F | reliability_centered_ maintenance_disposition_f | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Disposition G | Reliability Centered Maintenance (RCM), Disposition G | reliability_centered_ maintenance_disposition_g | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Disposition H | Reliability Centered Maintenance (RCM), Disposition H | reliability_centered_ maintenance_disposition_h | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Disposition I | Reliability Centered Maintenance (RCM), Disposition I | reliability_centered_ maintenance_disposition_i | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Disposition J | Reliability Centered Maintenance (RCM), Disposition J | reliability_centered_ maintenance_disposition_j | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 01 | Reliability Centered Maintenance (RCM), Logic Results 01 | reliability_centered_ maintenance_logic_ results_01 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 02 | Reliability Centered Maintenance (RCM), Logic Results 02 | reliability_centered_ maintenance_logic_ results_02 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 03 | Reliability Centered Maintenance (RCM), Logic Results 03 | reliability_centered_ maintenance_logic_ results_03 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 04 | Reliability Centered Maintenance (RCM), Logic Results 04 | reliability_centered_ maintenance_logic_ results_04 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 05 | Reliability Centered Maintenance (RCM), Logic Results 05 | reliability_centered_ maintenance_logic_ results_05 | | 1XF-- | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BF | Reliability Centered Maintenance (RCM), Logic Results 06 | Reliability Centered Maintenance (RCM), Logic Results 06 | reliability_centered_ maintenance_logic_ results_06 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 07 | Reliability Centered Maintenance (RCM), Logic Results 07 | reliability_centered_ maintenance_logic_ results_07 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 08 | Reliability Centered Maintenance (RCM), Logic Results 08 | reliability_centered_ maintenance_logic_ results_08 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 09 | Reliability Centered Maintenance (RCM), Logic Results 09 | reliability_centered_ maintenance_logic_ results_09 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 10 | Reliability Centered Maintenance (RCM), Logic Results 10 | reliability_centered_ maintenance_logic_ results_10 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 11 | Reliability Centered Maintenance (RCM), Logic Results 11 | reliability_centered_ maintenance_logic_ results_11 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 12 | Reliability Centered Maintenance (RCM), Logic Results 12 | reliability_centered_ maintenance_logic_ results_12 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 13 | Reliability Centered Maintenance (RCM), Logic Results 13 | reliability_centered_ maintenance_logic_ results_13 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 14 | Reliability Centered Maintenance (RCM), Logic Results 14 | reliability_centered_ maintenance_logic_ results_14 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 15 | Reliability Centered Maintenance (RCM), Logic Results 15 | reliability_centered_ maintenance_logic_ results_15 | | 1XF-- | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BF | Reliability Centered Maintenance (RCM), Logic Results 16 | Reliability Centered Maintenance (RCM), Logic Results 16 | reliability_centered_ maintenance_logic_ results_16 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 17 | Reliability Centered Maintenance (RCM), Logic Results 17 | reliability_centered_ maintenance_logic_ results_17 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 18 | Reliability Centered Maintenance (RCM), Logic Results 18 | reliability_centered_ maintenance_logic_ results_18 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 19 | Reliability Centered Maintenance (RCM), Logic Results 19 | reliability_centered_ maintenance_logic_ results_19 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 20 | Reliability Centered Maintenance (RCM), Logic Results 20 | reliability_centered_ maintenance_logic_ results_20 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 21 | Reliability Centered Maintenance (RCM), Logic Results 21 | reliability_centered_ maintenance_logic_ results_21 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 22 | Reliability Centered Maintenance (RCM), Logic Results 22 | reliability_centered_ maintenance_logic_ results_22 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 23 | Reliability Centered Maintenance (RCM), Logic Results 23 | reliability_centered_ maintenance_logic_ results_23 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 24 | Reliability Centered Maintenance (RCM), Logic Results 24 | reliability_centered_ maintenance_logic_ results_24 | | 1XF-- | string | | 1 | |
| BF | Reliability Centered Maintenance (RCM), Logic Results 25 | Reliability Centered Maintenance (RCM), Logic Results 25 | reliability_centered_ maintenance_logic_ results_25 | | 1XF-- | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BF | | | failure_damage_mode_effect_end_effect_narrative | | | string | | unlimited | New narrative fields created from narrative in Table BG. |
| BF | | | failure_damage_mode_effect_local_narrative | | | string | | unlimited | New narrative fields created from narrative in Table BG. |
| BF | | | failure_damage_mode_effect_next_higher_narrative | | | string | | unlimited | New narrative fields created from narrative in Table BG. |
| BF | | | failure_cause_narrative | | | string | | unlimited | New narrative fields created from narrative in Table BG. |
| BF | | | failure_damage_mode_narrative | | | string | | unlimited | New narrative fields created from narrative in Table BG. |
| BF | | | failure_mode_detection_method_narrative | | | string | | unlimited | New narrative fields created from narrative in Table BG. |
| BF | | | failure_mode_predictability_narrative | | | string | | unlimited | New narrative fields created from narrative in Table BG. |
| BF | | | failure_mode_remarks_narrative | | | string | | unlimited | New narrative fields created from narrative in Table BG. |
| BF | | | redesign_recommendations_narrative | | | string | | unlimited | New narrative fields created from narrative in Table BG. |
| BF | | | reliability_centered_maintenance_age_exploration_narrative | | | string | | unlimited | New narrative fields created from narrative in Table BG. |
| BF | | | reliability_centered_maintenance_reasoning_narrative | | | string | | unlimited | New narrative fields created from narrative in Table BG. |
| BF | | | reliability_centered_maintenance_redesign_recommendation_narrative | | | string | | unlimited | New narrative fields created from narrative in Table BG. |
| BG | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | | | 10XL- | | | | Table BG collapsed into Entity BF of 0007 and separate narratives fields created. |
| BG | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | | | 2NF- | | | | Table BG collapsed into Entity BF of 0007 and separate narratives fields created. |
| BG | LSA Control Number (LCN) | LSA Control Number (LCN) | | | 18XL- | | | | Table BG collapsed into Entity BF of 0007 and separate narratives fields created. |
| BG | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | | | 1AF- | | | | Table BG collapsed into Entity BF of 0007 and separate narratives fields created. |
| BG | Failure Mode Indicator | Failure Mode Indicator | | | 4XF-F | | | | Table BG collapsed into Entity BF of 0007 and separate narratives fields created. |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BG | Failure Mode Text Sequencing Code | Failure Mode Text Sequencing Code | | | 5NR- | | | | Table BG collapsed into Entity BF of 0007 and separate narratives fields created. |
| BG | Failure Mode and RCM Narrative Code | Failure Mode and RCM Narrative Code | | | 1AF- | | | | Table BG collapsed into Entity BF of 0007 and separate narratives fields created. |
| BG | Failure Mode Narrative | Failure Mode Narrative | | | 65X-- | | | | Table BG collapsed into Entity BF of 0007 and separate narratives fields created. |
| BH | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| BH | Failure Mode Task (FMT) Alternate LCN Code (ALC) | Failure Mode Task (FMT) Alternate LCN Code (ALC) | failure_mode_task_alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| BH | Failure Mode Task (FMT) Failure Mode Indicator (FMI) | Failure Mode Task (FMT) Failure Mode Indicator (FMI) | failure_mode_task_failure_mode_indicator | | 4XF-F | string | | 4 | |
| BH | Failure Mode Task (FMT) LSA Control Number (LCN) | Failure Mode Task (FMT) LSA Control Number (LCN) | failure_mode_task_logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| BH | Failure Mode Task (FMT) LSA Control Number (LCN) Type | Failure Mode Task (FMT) LSA Control Number (LCN) Type | failure_mode_task_logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| BH | Maintenance Interval | Maintenance Interval | maintenance_interval | | 10D--- | string | | 10 | |
| BH | Maintenance Interval; Measurement Base (MB) | Maintenance Interval; Measurement Base (MB) | maintenance_interval_measurement_base | | 1AF-- | string | | 1 | |
| BH | Task Code | Task Code | task_code | | 7XF-F | string | | 7 | |
| BH | Task Requirement Alternate LCN Code (ALC) | Task Requirement Alternate LCN Code (ALC) | task_requirement_alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| BH | Task Requirement LSA Control Number (LCN) | Task Requirement LSA Control Number (LCN) | task_requirement_logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| BH | Task Requirement LSA Control Number (LCN) Type | Task Requirement LSA Control Number (LCN) Type | task_requirement_logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| BH | Task Type | Task Type | task_type | | 1AF-- | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BI | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| BI | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| BI | Failure Effect Probability | Failure Effect Probability | failure_effect_probability | | 3NR2- | decimal | numbers only from 0-9 or from 0-9.99 | ([0-9]{0,1})\|([0-9]{0,1}\.[0-9]{0,2}) | |
| BI | Failure Mode Criticality Number | Failure Mode Criticality Number | failure_mode_criticality_number | | 10D--- | string | | 10 | |
| BI | Failure Mode Indicator (FMI) | Failure Mode Indicator (FMI) | failure_mode_indicator | | 4XF-F | string | | 4 | |
| BI | Failure Probability Level | Failure Probability Level | failure_probability_level | | 1AF-- | string | | 1 | |
| BI | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| BI | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| BI | Mission Phase Code (MPC) | Mission Phase Code (MPC) | mission_phase_code | | 1NR-- | string | | 1 | |
| BI | Operating Time | Operating Time | operating_time | | 6NR2- | decimal | numbers only from 0-9999 or from 0-9999.99 | ([0-9]{0,4})\|([0-9]{0,4}\.[0-9]{0,2}) | |
| BI | Operating Time; Measurement Base (MB) | Operating Time; Measurement Base (MB) | operating_time_measurement_base | | 1AF-- | string | | 1 | |
| BI | Safety Hazard Severity Code (SHSC) | Safety Hazard Severity Code (SHSC) | safety_hazard_severity_code | | 1NF-M | string | | 1 | |
| BI | | PRINCIPAL FEATURES LIST (PFL) CODE | | | | | | | |
| BI | | SOFTWARE SAFETY INTEGRITY LEVEL | | | | | | | |
| BI | | SYSTEM/ EQUIPMENT IMPORTANCE CODE | | | | | | | |
| BI | | | Failure_mode_indicator_mission_characteristics_compensating_design_provisions_narrative | | | string | | | New narrative field created from the narrative in Table BJ. |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BI | | | Failure_mode_indicator_mission_characteristics_compensating_operator_action_provisions_narrative | | | string | | | New narrative field created from the narrative in Table BJ. |
| BJ | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | | | | | | | Table BJ narrative collapsed into Entity BI of 0007. |
| BJ | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | | | | | | | Table BJ narrative collapsed into Entity BI of 0007. |
| BJ | Failure Mode Indicator (FMI) | Failure Mode Indicator (FMI) | | | | | | | Table BJ narrative collapsed into Entity BI of 0007. |
| BJ | Failure Mode Indicator (FMI) Mission Phase characteristics Narr. | Failure Mode Indicator (FMI) Mission Phase characteristics Narr. | | | | | | | Table BJ narrative collapsed into Entity BI of 0007. |
| BJ | Failure Mode Indicator (FMI) Mission Phase characteristics Narrative Code | Failure Mode Indicator (FMI) Mission Phase characteristics Narrative Code | | | | | | | Table BJ narrative collapsed into Entity BI of 0007. |
| BJ | LSA Control Number (LCN) | LSA Control Number (LCN) | | | | | | | Table BJ narrative collapsed into Entity BI of 0007. |
| BJ | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | | | | | | | Table BJ narrative collapsed into Entity BI of 0007. |
| BJ | Mission Phase Code (MPC) | Mission Phase Code (MPC) | | | | | | | Table BJ narrative collapsed into Entity BI of 0007. |
| BJ | Text Sequencing Code (TSC): Failure Mode Indicator (FMI) Mission Phase characteristics Narrative | Text Sequencing Code (TSC): Failure Mode Indicator (FMI) Mission Phase characteristics Narrative | | | | | | | Table BJ narrative collapsed into Entity BI of 0007. |
| BK | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| BK | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| BK | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| BK | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| BK | Mission Phase Code (MPC) | Mission Phase Code (MPC) | mission_phase_code | | 1XF-F | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| BK | Reliability, Availability & Maintainability (RAM) Item Criticality Number | Reliability, Availability & Maintainability (RAM) Item Criticality Number | reliability_availability_and_maintainability_item_criticality_number | | 10D--- | string | | 10 | |
| BK | Reliability, Availability & Maintainability (RAM) Saf'ty Haz'd Severity Cd (SHSC) | Reliability, Availability & Maintainability (RAM) Saf'ty Haz'd Severity Cd (SHSC) | reliability_availability_and_maintainability_safety_hazard_severity_code | | 1NF-K | string | | 1 | |
| BL | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| BL | Mission Phase Code (MPC) | Mission Phase Code (MPC) | mission_phase_code | | 1XF-K | string | | 1 | |
| BL | Mission Phase/Operational Mode [Narrative] | Mission Phase/Opera-tional Mode [Narrative] | mission_phase_operational_mode | | 65X--- | string | | unlimited | |
| CA | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| CA | Annual Operating Requirement (AOR) ALC | Annual Operating Requirement (AOR) ALC | annual_operating_requirement_alternate_logistics_support_analysis_control_number_code | | 2NF-- | string | | 2 | |
| CA | Annual Operating Requirement (AOR) LCN Type | Annual Operating Requirement (AOR) LCN Type | annual_operating_requirement_logistics_support_analysis_control_number_type | | 1AF-- | string | | 1 | |
| CA | Annual Operating Requirement (AOR) LSA Control Number (LCN) | Annual Operating Requirement (AOR) LSA Control Number (LCN) | annual_operating_requirement_logistics_support_analysis_control_number | | 18XL-- | string | | 18 | |
| CA | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| CA | Hardness Critical Procedure Code | Hardness Critical Process (HCP) | hardness_critical_procedure_code | | 1AF-- | string | | 1 | |
| CA | Hazardous Maintenance Procedures Code (HMPC) | Hazardous Maintenance Procedures Code (HMPC) | hazardous_maintenance_procedure_code | | 1AF-- | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CA | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| CA | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| CA | Mean Elapsed Time (MET), Measured | Mean Elapsed Time (MET), Measured | measured_mean_elapsed_time | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| CA | Mean Elapsed Time (MET), Predicted | Mean Elapsed Time (MET), Predicted | predicted_mean_elapsed_time | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| CA | Mean Man-Hours, Measured | Mean Man-Hours, Measured | measured_mean_man_hours | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| CA | Mean Man-Hours, Predicted | Mean Man-Hours, Predicted | predicted_mean_man_hours | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| CA | Means of Detection, Primary | Means of Detection, Primary | primary_means_of_detection | | 1AF-- | string | | 1 | |
| CA | Means of Detection, Secondary | Means of Detection, Secondary | secondary_means_of_detection | | 1AF-- | string | | 1 | |
| CA | Performance Standard, Task A | Performance Standard, Task A | task_performance_standard_a | | 1AF-- | string | | 1 | |
| CA | Performance Standard, Task B | Performance Standard, Task B | task_performance_standard_b | | 1AF-- | string | | 1 | |
| CA | Performance Standard, Task C | Performance Standard, Task C | task_performance_standard_c | | 1AF-- | string | | 1 | |
| CA | Preventive Maintenance Checks & Services (PMCS) Indicator Code | Preventive Maintenance Checks & Services (PMCS) Indicator Code | preventive_maintenance_checks_and_services_indicator_code | | 1AF-- | string | | 1 | |
| CA | Referenced Alternate LCN Code (ALC) | Referenced Alternate LCN Code (ALC) | referenced_alternate_logistics_support_analysis_control_number_code | | 2NF-- | string | | 2 | |
| CA | Referenced End Item Acronym Code (EIAC) | Referenced End Item Acronym Code (EIAC) | referenced_end_item_acronym_code | | 10XL-- | string | | 10 | |
| CA | Referenced LSA Control Number (LCN) | Referenced LSA Control Number (LCN) | referenced_logistics_support_analysis_control_number | | 18XL-- | string | | 18 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CA | Referenced LSA Control Number (LCN) Type | Referenced LSA Control Number (LCN) Type | referenced_logistics_support_analysis_control_number_type | | 1AF-- | string | | 1 | |
| CA | Referenced Task Code | Referenced Task Code | referenced_task_code | | 7XF-- | string | | 7 | |
| CA | Requirements: Facility Requirement Code | Requirements: Facility Requirement Code | facility_requirement_code | | 1AF-- | string | | 1 | |
| CA | Requirements: Tool/Support Equipment (SE) Requirement Code | Requirements: Tool/Support Equipment (SE) Requirement Code | tool_support_equipment_requirement_code | | 1AF-- | string | | 1 | |
| CA | Requirements: Training Equipment Requirement Code | Requirements: Training Equipment Requirement Code | training_equipment_requirement_code | | 1AF-- | string | | 1 | |
| CA | Task Annual Operating Requirement (AOR); Measurement Base | Task Annual Operating Requirement (AOR); Measurement Base | task_annual_operating_requirement_measurement_base | | 1AF-- | string | | 1 | |
| CA | Task Code | Task Code | task_code | | 7XF-F | string | | 7 | |
| CA | Task Condition, A | Task Condition, A | task_condition_a | | 1AF-- | string | | 1 | |
| CA | Task Condition, B | Task Condition, B | task_condition_b | | 1AF-- | string | | 1 | |
| CA | Task Condition, C | Task Condition, C | task_condition_c | | 1AF-- | string | | 1 | |
| CA | Task Criticality Code | Task Criticality Code | task_criticality_code | | 1AF-- | string | | 1 | |
| CA | Task Frequency | Task Frequency | task_frequency | | 7NR4- | decimal | numbers only from 0-999 or from 0-999.9999 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,4}) | |
| CA | Task Identification | Task Identification | task_identification | | 36XL-- | string | | 36 | |
| CA | Training Location Rationale | Training Location Rationale | training_location_rationale | | 4AL-- | string | | 4 | |
| CA | Training Rationale | Training Rationale | training_rationale | | 4AL-- | string | | 4 | |
| CA | Training Recommendation Type | Training Recommendation | training_recommendation_type | | 1AF-- | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CA | | REMOVAL ROUTE CONDIDTION CODE | | | | | | | |
| CA | | REMOVAL ROUTE NUMBER | | | | | | | |
| CB | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| CB | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| CB | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| CB | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| CB | Mean Minute Elapse Time, Subtask | Mean Minute Elapse Time, Subtask | subtask_mean_minute_elapsed_time | | 5NR1- | decimal | numbers only from 0-9999 or from 0-9999.9 | ([0-9]{0,4})\|([0-9]{0,4}\.[0-9]{0,1}) | |
| CB | Referenced Subtask Alternate LCN Code (ALC) | Referenced Subtask Alternate LCN Code (ALC) | referenced_subtask_alternate_logistics_support_analysis_control_number_code | | 2NF-- | string | | 2 | |
| CB | Referenced Subtask End Item Acronym Code (EIAC) | Referenced Subtask End Item Acronym Code (EIAC) | referenced_subtask_end_item_acronym_code | | 10XL-- | string | | 10 | |
| CB | Referenced Subtask LSA Control Number (LCN) | Referenced Subtask LSA Control Number (LCN) | referenced_subtask_logistics_support_analysis_control_number | | 18XL-- | string | | 18 | |
| CB | Referenced Subtask LSA Control Number (LCN) Type | Referenced Subtask LSA Control Number (LCN) Type | referenced_subtask_logistics_support_analysis_control_number_Type | | 1AF-- | string | | 1 | |
| CB | Referenced Subtask Number | Referenced Subtask Number | referenced_subtask_number | | 3NF-- | string | | 3 | |
| CB | Referenced Subtask Task Code | Referenced Subtask Task Code | referenced_subtask_task_code | | 7XF-- | string | | 7 | |
| CB | Subtask Identification | Subtask Identification | subtask_identification | | 36XL-- | string | | 36 | |
| CB | Subtask Number | Subtask Number | subtask_number | | 3NF-F | string | | 3 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CB | Subtask Work Area Code | | | | 4XL-- | | | | Replaced by subtask_work_area_code_ access and subtask_work_area_code_ zone |
| CB | Task Code | Task Code | task_code | | 7XF-F | string | | 7 | |
| CB | | | element_indicator | | | string | | 1 | Element collapsed from Table CC in MIL-STD-1388-2B. |
| CB | | | subtask_description | | | string | | unlimited | Element collapsed from Table CC in MIL-STD-1388-2B. |
| CB | | SUBTASK WORK AREA CODE (ACCESS) | subtask_work_area_code_ access | | | string | | 10 | Element replaces subtask work area code. |
| CB | | SUBTASK WORK AREA CODE (ZONE) | subtask_work_area_code_ zone | | | string | | 10 | Element replaces subtask work area code. |
| CC | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | | | 2NF- | | | | Table CC collapsed into Entity CB of 0007. |
| CC | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | | | 10XL- | | | | Table CC collapsed into Entity CB of 0007. |
| CC | LSA Control Number (LCN) | LSA Control Number (LCN) | | | 18XL- | | | | Table CC collapsed into Entity CB of 0007. |
| CC | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | | | 1AF- | | | | Table CC collapsed into Entity CB of 0007. |
| CC | Task Code | Task Code | | | 7XF- | | | | Table CC collapsed into Entity CB of 0007. |
| CC | Subtask Number | Subtask Number | | | 3NF- | | | | Table CC collapsed into Entity CB of 0007. |
| CC | Sequential Task Description Text Sequencing Code | Sequential Task Description Text Sequencing Code | | | 5NR- | | | | Table CC collapsed into Entity CB of 0007. |
| CC | Sequential Task Description | Sequential Task Description | | | 65X-- | | | | Table CC collapsed into Entity CB of 0007. |
| CC | Element Indicator | Element Indicator | | | 1AF- | | | | Table CC collapsed into Entity CB of 0007. |
| CD | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_ analysis_control_number_ code | | 2NF-F | string | | 2 | |
| CD | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CD | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| CD | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| CD | Mean Man-Minutes, Subtask | Mean Man-Minutes, Subtask | subtask_mean_man_minutes | | 4NR1- | decimal | numbers only from 0-9999 or from 0-9999.9 | ([0-9]{0,4})\|([0-9]{0,4}\.[0-9]{0,1}) | |
| CD | New or Modified Skill Specialty Code (SSC) | New or Modified Skill Specialty Code (SSC) | new_or_modified_skill_specialty_code | | 7XL-F | string | | 7 | |
| CD | Skill Specialty Code (SSC) | Skill Specialty Code (SSC) | skill_specialty_code | | 7XL-- | string | | 7 | |
| CD | Skill Specialty Evaluation Code | Skill Specialty Evaluation Code | skill_specialty_evaluation_code | | 1AF-- | string | | 1 | |
| CD | Subtask Number | Subtask Number | subtask_number | | 3NF-F | string | | 3 | |
| CD | Subtask Person Identifier | Subtask Person Identifier | subtask_person_identifier | | 3XL-F | string | | 3 | |
| CD | Task Code | Task Code | task_code | | 7XF-F | string | | 7 | |
| CD | | TRADE CODE MANPOWER | | | | | | | |
| CE | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| CE | Task Remark Reference Code | Task Remark Reference Code | task_remarks_reference_code | | 2XF-F | string | | 2 | |
| CE | Task Remarks | Task Remarks | task_remarks | | 240XL-- | string | alpha numeric, special character,x27-esc character, length can be 0-240 | [A-Z_0-9 `~!@#$%^&*()_+-=\[\]\\{}\|;x27:",./?><]{0,240} | |
| CF | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| CF | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| CF | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| CF | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| CF | Task Code | Task Code | task_code | | 7XF-F | string | | 7 | |
| CF | Task Remark Reference Code | Task Remark Reference Code | task_remarks_reference_code | | 2XF-K | string | | 2 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CG | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| CG | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| CG | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| CG | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| CG | Support Item Quantity Per Task | Support Item Quantity Per Task | support_item_quantity_per_task | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| CG | Support Item Quantity Per Task; Unit of Measure (UM) | Support Item Quantity Per Task; Unit of Measure (UM) | support_item_quantity_per_task_unit_of_measure | | 2AF-- | string | | 3 | |
| CG | Task Code | Task Code | task_code | | 7XF-F | string | | 7 | |
| CG | Task Support Comm. & Gov't. Entity (CAGE) Cd | Task Support Comm. & Gov't. Entity (CAGE) Cd | task_support_commercial_and_government_entity_code | | 5XF-F | string | | 5 | |
| CG | Task Support Reference Number (Ref. No.) | Task Support Reference Number (Ref. No.) | task_support_reference_number | | 32XL-F | string | | 32 | |
| CG | | SE VALIDATION/ COMPATIBILITY CHECK | | | | | | | |
| CG | | AEROSPACE GROUND EQUIPMENT CODE | | | | | | | |
| CG | | ANCILLARY SPT EQUIPMENT (ASE) REQD DOCKYARD/ SHIP/1ST LINE | | | | | | | |
| CG | | ASE REQUIRED-ON BOARD/2ND LINE | | | | | | | |
| CG | | ASE REQUIRED-ON BOARD/3RD LINE | | | | | | | |
| CH | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF- | String | | 2 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CH | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL- | String | | 10 | |
| CH | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL- | String | | 18 | |
| CH | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF- | String | | 1 | |
| CH | Task Code | Task Code | task_code | | 7XF- | String | | 7 | |
| CH | Technical Manual Code | Technical Manual Code | technical_manual_code | | 3XF- | String | | 3 | |
| CI | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| CI | Provision Quantity Per Task | Provision Quantity Per Task | quantity_per_task | | 5NR2- | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| CI | Provision Quantity Per Task; Unit of Measure (UM) | Provision Quantity Per Task; Unit of Measure (UM) | quantity_per_task_unit_of_measure | | 2AF-- | string | | 2 | |
| CI | Task Alternate LCN Code (ALC) | Task Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| CI | Task LSA Control Number (LCN) | Task LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| CI | Task LSA Control Number (LCN) Type | Task LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| CI | Task Provision Alternate LCN Code (ALC) | Task Provision Alternate LCN Code (ALC) | task_provision_alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| CI | Task Provision Commercial & Government Entity (CAGE) Code | Task Provision Commercial & Government Entity (CAGE) Code | task_provision_commercial_and_government_entity_code | | 5XF-F | string | | 5 | |
| CI | Task Provision LSA Control Number (LCN) | Task Provision LSA Control Number (LCN) | task_provision_logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| CI | Task Provision LSA Control Number (LCN) Type | Task Provision LSA Control Number (LCN) Type | task_provision_logistics_support_analysis_control_number_Type | | 1AF-F | string | | 1 | |
| CI | Task Provision Reference Number (Ref. No.) | Task Provision Reference Number (Ref. No.) | task_provision_reference_number | | 32XL-F | string | | 32 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CI | Task Provision Task Code | Task Provision Task Code | task_provision_task_code | | 7XF-F | string | | 7 | |
| CJ | Duty | Duty | duty | | 240XL-- | string | | 240 | |
| CJ | Duty Code | Duty Code | duty_code | | 4XL-K | string | | 4 | |
| CJ | Job | Job | job | | 40XL-- | string | | 40 | |
| CJ | Job Code | Job Code | job_code | | 2XF-K | string | | 2 | |
| CK | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| CK | Duty Code | Duty Code | duty_code | | 4XL-K | string | | 4 | |
| CK | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| CK | Job Code | Job Code | job_code | | 2XF-K | string | | 2 | |
| CK | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| CK | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| CK | Subtask Number | Subtask Number | subtask_number | | 3NF-F | string | | 3 | |
| CK | Subtask Person Identifier | Subtask Person Identifier | subtask_person_identifier | | 3XL-K | string | | 3 | |
| CK | Task Code | Task Code | task_code | | 7XF-F | string | | 7 | |
| CK | Text Sequencing Code (TSC): Sequential Subtask Description, From | Text Sequencing Code (TSC): Sequential Subtask Description, From | | | 5NR-K | | | | Element not required in 0007. |
| CK | Text Sequencing Code (TSC): Sequential Subtask Description, To | Text Sequencing Code (TSC): Sequential Subtask Description, To | | | 5NR-K | | | | Element not required in 0007. |
| CL | | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | | string | | 2 | Entity CL added to 0007 to accommodate S1000D elements. |
| CL | | End Item Acronym Code (EIAC) | end_item_acronym_code | | | string | | 10 | |
| CL | | LSA Control Number (LCN) | logistics_support_analysis_control_number | | | string | | 18 | |
| CL | | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | | string | | 1 | |
| CL | | Subtask Number | subtask_number | | | string | | 3 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CL | | Task Code | task_code | | | string | | 7 | |
| CL | | TASK/SUBTASK ASSOCIATED NARRATIVE | task_subtask_associated_narrative | | | string | | unlimited | |
| CL | | TASK/SUBTASK ASSOCIATED NARRATIVE CODE | task_subtask_associated_narrative_code | | | string | | variable | |
| CL | | | caution_warning_note_identifier | | | string | | 5 | Added with Revision B |
| CL | | | task_associated_narrative_indicator | | | string | | 1 | Added with Revision B |
| CL | | TASK/SUBTASK ASSOCIATED NARRATIVE CODE TSC | | | | | | | |
| CLL | | | caution_warning_note_identifier | | | string | | 5 | New Entity in Revision B |
| CLL | | | task_subtask_associated_narrative_type | | | string | | 19 | New Entity in Revision B |
| CLL | | | task_subtask_associated_narrative | | | string | | unlimited | New Entity in Revision B |
| CM | | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | | string | | 2 | Entity CM added to 0007 to accommodate S1000D elements. |
| CM | | End Item Acronym Code (EIAC) | end_item_acronym_code | | | string | | 10 | |
| CM | | GRAPHIC | graphic_source_identification | | | string | | 33 | |
| CM | | LSA Control Number (LCN) | logistics_support_analysis_control_number | | | string | | 18 | |
| CM | | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | | string | | 1 | |
| CM | | SUBTASK DISASSEMBLY CODE | subtask_disassembly_code | | | string | | 2 | |
| CM | | SUBTASK INFORMATION CODE | subtask_information_code | | | string | | 3 | |
| CM | | SUBTASK INFORMATION CODE VARIANT | subtask_information_code_variant | | | string | alpha numeric, upper or lower case letters, 1 field in length | [A-Za-z0-9]{1} | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CM | | SUBTASK ITEM LOCATION CODE | subtask_item_location_code | | | string | | 1 | |
| CM | | Subtask Number | subtask_number | | | string | | 3 | |
| CM | | Task Code | task_code | | | string | | 7 | |
| CN | | DOCUMENT CODE ALC | document_code_alternate_logistics_support_analysis_control_number_code | | | string | | 2 | Entity CN added to 0007 to accommodate S1000D elements. |
| CN | | DOCUMENT CODE LCN | document_code_logistics_support_analysis_control_number | | | string | | 18 | |
| CN | | DOCUMENT CODE LCN TYPE | document_code_logistics_support_analysis_control_number_type | | | string | | 1 | |
| CN | | End Item Acronym Code (EIAC) | end_item_acronym_code | | | string | | 10 | |
| CN | | MAINTENANCE PROCEDURE DISASSEMBLY CODE | maintenance_procedure_disassembly_code | | | string | | 2 | |
| CN | | MAINTENANCE PROCEDURE IDENTIFIER | maintenance_procedure_identifier | | | string | | 10 | |
| CN | | MAINTENANCE PROCEDURE INFORMATION CODE | maintenance_procedure_information_code | | | string | | 3 | |
| CN | | MAINTENANCE PROCEDURE INFORMATION CODE VARIANT | maintenance_procedure_information_code_variant | | | string | alpha numeric, upper or lower case letters, 1 field in length | [A-Za-z0-9]{1} | |
| CN | | MAINTENANCE PROCEDURE ITEM LOCATION CODE | maintenance_procedure_item_location_code | | | string | | 1 | |
| CN | | MAINTENANCE PROCEDURE MAINTENANCE INTERVAL | maintenance_procedure_maintenance_interval | | | string | | 10 | |
| CN | | MAINTENANCE PROCEDURE MAINTENANCE INTERVAL MB | maintenance_procedure_maintenance_interval_measurement_base | | | string | | 1 | |
| CN | | MAINTENANCE PROCEDURETASK TYPE | maintenance_procedure_task_type | | | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CN | | MAINTENANCE PROCEDURE TITLE | maintenance_procedure_title | | | string | | 36 | |
| CO | | MAINTENANCE PROCEDURE IDENTIFIER | maintenance_procedure_identifier | | | string | | 10 | Entity CO added to 0007 to accommodate S1000D elements. |
| CO | | EIAC | end_item_acronym_code | | | string | | 10 | |
| CO | | REFERENCE MAINTENANCE PROCEDURE EIAC | reference_maintenance_procedure_end_item_acronym_code | | | string | | 10 | |
| CO | | REFERENCE MAINTENANCE PROCEDURE IDENTIFIER | reference_maintenance_procedure_identifier | | | string | | 10 | |
| CO | | SEQUENCED TASK ALTERNATE LCN (ALC) | sequenced_task_alternate_logistics_support_analysis_control_number_code | | | string | | 2 | |
| CO | | SEQUENCED TASK CODE | sequenced_task_code | | | string | | 7 | |
| CO | | SEQUENCED TASK EIAC | sequenced_task_end_item_acronym_code | | | string | | 10 | |
| CO | | SEQUENCED TASK LOGISTIC SUPPORT ANALYSIS CONTROL NUM(LCN) | sequenced_task_logistics_support_analysis_control_number | | | string | | 18 | |
| CO | | SEQUENCED TASK LCN TYPE | sequenced_task_logistics_support_analysis_control_number_Type | | | string | | 1 | |
| CO | | TASK SEQUENCE NUMBER | task_sequence_number | | | integer | numbers only from 0-9999 | [0-9]{0,4} | |
| CQ | | | alternate_logistics_support_analysis_control_number_code | | | string | | 2 | Entity CQ added to 0007 to accommodate S1000D elements and digital files. |
| CQ | | | document_id | | | string | | 56 | |
| CQ | | | originator_code | | | string | | 5 | |
| CQ | | | issue_number | | | integer | numbers only | [0-9]{2} | |
| CQ | | | security_classification | | | string | | 2 | |
| CQ | | | logistics_support_analysis_control_number | | | string | | 18 | |
| CQ | | | logistics_support_analysis_control_number_type | | | string | | | |
| CQ | | | subtask_number | | | string | | 3 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CQ | | | task_code | | | string | | 7 | |
| CR | | | end_item_acronym_code | | | string | | 10 | Added to document support items at the subtask level. |
| CR | | | logistics_support_analysis_control_number | | | string | | 18 | |
| CR | | | alternate_logistics_support_analysis_control_number_code | | | string | | 1 | |
| CR | | | logistics_support_analysis_control_number_type | | | string | | 1 | |
| CR | | | task_code | | | string | | 7 | |
| CR | | | subtask_number | | | string | | 3 | |
| CR | | | subtask_support_commercial_and_government_entity_code | | | string | | 5 | |
| CR | | | subtask_support_reference_number | | | string | | 32 | |
| CR | | | support_item_quantity_per_subtask | | | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| CR | | | support_item_quantity_per_subtask_unit_of_measure | | | string | | 3 | |
| CS | | | end_item_acronym_code | | | string | | 10 | Added to document parts at the subtask level. |
| CS | | | logistics_support_analysis_control_number | | | string | | 18 | |
| CS | | | alternate_logistics_support_analysis_control_number_code | | | string | | 2 | |
| CS | | | logistics_support_analysis_control_number_type | | | string | | 1 | |
| CS | | | task_code | | | string | | 7 | |
| CS | | | subtask_number | | | string | | 3 | |
| CS | | | subtask_provision_commercial_and_government_entity_code | | | string | | 5 | |
| CS | | | subtask_provision_reference_number | | | string | | 32 | |
| CS | | | subtask_provision_logistics_support_analysis_control_number | | | string | | 18 | |
| CS | | | subtask_provision_alternate_logistics_support_analysis_control_number_code | | | string | | 2 | |
| CS | | | subtask_provision_logistics_support_analysis_control_number_type | | | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CS | | | quantity_per_subtask | | | decimal | numbers only from 0-999 or from 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| CS | | | quantity_per_subtask_unit_of_measure | | | string | | 3 | |
| CT | | | end_item_acronym_code | | | string | | 10 | New entity for subtask objective states. Revision B |
| CT | | | logistics_support_analysis_control_number | | | string | | 18 | New entity for subtask objective states. Revision B |
| CT | | | alternate_logistics_support_analysis_control_number_code | | | string | | 1 | New entity for subtask objective states. Revision B |
| CT | | | logistics_support_analysis_control_number_type | | | string | | 1 | New entity for subtask objective states. Revision B |
| CT | | | task_code | | | string | | 7 | New entity for subtask objective states. Revision B |
| CT | | | subtask_number | | | string | | 3 | New entity for subtask objective states. Revision B |
| CT | | | subtask_objective_state | | | string | | No limit | New entity for subtask objective states. Revision B |
| CU | | | circuit_breaker_end_item_acronym_code | | | string | | 10 | New entity for subtask objective states. Revision B |
| CU | | | circuit_breaker_logistics_support_analysis_control_number | | | string | | 18 | New entity for subtask objective states. Revision B |
| CU | | | circuit_breaker_alternate_logistics_support_analysis_control_number_code | | | string | | 1 | New entity for subtask objective states. Revision B |
| CU | | | circuit_breaker_logistics_support_analysis_control_number_type | | | string | | 1 | New entity for subtask objective states. Revision B |
| CU | | | circuit_breaker_commercial_and_government_entity_code | | | string | | 6 | New entity for subtask objective states. Revision B |
| CU | | | circuit_breaker_reference_number | | | String | | 32 | New entity for subtask objective states. Revision B |
| CU | | | circuit_breaker_objective_state | | | string | | 13 | New entity for subtask objective states. Revision B |
| CU | | | circuit_breaker_identification_code | | | [A-Z0-9] {0,3} | | 3 | New entity for subtask objective states. Revision B |
| CU | | | circuit_breaker_group_number | | | [0-9]{0,3} | | 3 | New entity for subtask objective states. Revision B |
| CU | | | circuit_breaker_sequence_number | | | [0-9]{0,3} | | 3 | New entity for subtask objective states. Revision B |
| CUU | | | end_item_acronym_code | | | string | | 10 | New entity for subtask objective states. Revision B |
| CUU | | | logistics_support_analysis_control_number | | | string | | 18 | New Entity to document circuit breaker objective states. Revision B |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CUU | | | alternate_logistics_support_analysis_control_number_code | | | string | | 1 | New Entity to document circuit breaker objective states. Revision B |
| CUU | | | logistics_support_analysis_control_number_type | | | string | | 1 | New Entity to document circuit breaker objective states. Revision B |
| CUU | | | task_code | | | string | | 7 | New Entity to document circuit breaker objective states. Revision B |
| CUU | | | subtask_number | | | string | | 3 | New Entity to document circuit breaker objective states. Revision B |
| CUU | | | circuit_breaker_end_item_acronym_code | | | string | | 10 | New entity for subtask objective states. Revision B |
| CUU | | | circuit_breaker_logistics_support_analysis_control_number | | | string | | 18 | New entity for subtask objective states. Revision B |
| CUU | | | circuit_breaker_alternate_logistics_support_analysis_control_number_code | | | string | | 1 | New entity for subtask objective states. Revision B |
| CUU | | | circuit_breaker_logistics_support_analysis_control_number_type | | | string | | 1 | New entity for subtask objective states. Revision B |
| CUU | | | circuit_breaker_reference_number | | | string | | 32 | New entity for subtask objective states. Revision B |
| CUU | | | circuit_breaker_commercial_and_government_entity_code | | | string | | 6 | New entity for subtask objective states. Revision B |
| CUU | | | circuit_breaker_objective_state | | | string | | 13 | New entity for subtask objective states. Revision B |
| CUU | | | circuit_breaker_identification_code | | | [A-Z0-9]{0,3} | | 3 | New entity for subtask objective states. Revision B |
| CUU | | | circuit_breaker_sequence_number | | | [0-9]{0,3} | | 3 | New entity for subtask objective states. Revision B |
| CUU | | | circuit_breaker_group_number | | | [0-9]{0,3} | | 3 | New Entity to document circuit breaker objective states. Revision B |
| CV | | | end_item_acronym_code | | | string | | 10 | New Entity to document scheduled events. Revision B |
| CV | | | logistics_support_analysis_control_number | | | string | | 18 | New Entity to document scheduled events. Revision B |
| CV | | | alternate_logistics_support_analysis_control_number_code | | | string | | 1 | New Entity to document scheduled events. Revision B |
| CV | | | logistics_support_analysis_control_number_type | | | string | | 1 | New Entity to document scheduled events. Revision B |
| CV | | | task_code | | | string | | 7 | New Entity to document scheduled events. Revision B |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CV | | | initial_scheduled_ maintenance_interval | | | integer | | [0-9]{0,10} | New Entity to document scheduled events. Revision B |
| CV | | | initial_scheduled_ maintenance_interval_ measurement_base | | | string | | 1 | New Entity to document scheduled events. Revision B |
| CV | | | subsequent_ scheduled_maintenance_ interval | | | integer | | [0-9]{0,10} | New Entity to document scheduled events. Revision B |
| CV | | | subsequent_ scheduled_maintenance_ interval_measurement_base | | | string | | 1 | New Entity to document scheduled events. Revision B |
| CV | | | event_trigger | | | string | | No limit | New Entity to document scheduled events. Revision B |
| CV | | | event_trigger_ end_item_acronym_code | | | string | | 10 | New Entity to document scheduled events. Revision B |
| CV | | | event_trigger_ logistics_support_analysis_ control_number | | | string | | 18 | New Entity to document scheduled events. Revision B |
| CV | | | event_trigger_ alternate_logistics_support_ analysis_control_number_ code | | | string | | 1 | New Entity to document scheduled events. Revision B |
| CV | | | event_trigger_ logistics_support_analysis_ control_number_type | | | string | | 1 | New Entity to document scheduled events. Revision B |
| CV | | | event_trigger_ task_code | | | string | | 7 | New Entity to document scheduled events. Revision B |
| CW | | | end_item_acronym_code | | | string | | 10 | New Entity to document scheduled events. Revision B |
| CW | | | logistics_support_analysis_ control_number | | | string | | 18 | New Entity to document scheduled events. Revision B |
| CW | | | alternate_logistics_support_ analysis_control_number_ code | | | string | | 1 | New Entity to document scheduled events. Revision B |
| CW | | | logistics_support_analysis_ control_number_type | | | string | | 1 | New Entity to document scheduled events. Revision B |
| CW | | | task_code | | | string | | 7 | New Entity to document scheduled events. Revision B |
| CW | | | initial_scheduled_ maintenance_interval | | | integer | | [0-9]{0,10} | New Entity to document scheduled events. Revision B |
| CW | | | initial_scheduled_ maintenance_interval_ measurement_base | | | string | | 1 | New Entity to document scheduled events. Revision B |
| CW | | | initial_sampling_value | | | integer | | [0-9]{0,3} | New Entity to document scheduled events. Revision B |
| CW | | | initial_sampling_type | | | | | | New Entity to document scheduled events. Revision B |
| CW | | | subsequent_scheduled_ maintenance_interval | | | integer | | [0-9]{0,10} | New Entity to document scheduled events. Revision B |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| CW | | | subsequent_scheduled_ maintenance_interval_ measurement_base | | | string | | 1 | New Entity to document scheduled events. Revision B |
| CW | | | subsequent_sampling_ value | | | integer | | [0-9]{0,3} | New Entity to document scheduled events. Revision B |
| CW | | | subsequent_sampling_type | | | string | | 5 | New Entity to document scheduled events. Revision B |
| CW | | | initial_sampling_description | | | string | | No limit | New Entity to document scheduled events. Revision B |
| CW | | | subsequent_sampling_ description | | | string | | No limit | New Entity to document scheduled events. Revision B |
| EA | Acquisition Decision Office (ADO) | Acquisition Decision Office (ADO) | acquisition_decision_office | | 15XL-- | string | | 15 | |
| EA | Adapter/ Interconnect Device (AID), Required | Adapter/ Interconnect Device (AID), Required | adapter_interconnect_ device_required | | 1AF-- | string | | 1 | |
| EA | Calibration & Measurement Reqrmnts Summary (CMRS) Recommended | Calibration & Measurement Reqrmnts Summary (CMRS) Recommended | calibration_measurement_ requirement_summary_ recommended | CALIBRATION AND MEASUREMENT REQUIREMENTS SUMMARY RECOMMENDED | 1AF-- | string | | 1 | |
| EA | Calibration Interval | Calibration Interval | calibration_interval | CALIBRATION INTERVAL | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| EA | Calibration Item | Calibration Item | calibration_item | CALIBRATION ITEM | 1AF-- | string | | 1 | |
| EA | Calibration Required | | calibration_required | CALIBRATION REQUIRED | 1AF-- | string | | 1 | |
| EA | Calibration Standard | Calibration Standard | calibration_standard | | 1AF-- | string | | 1 | |
| EA | Calibration Time | Calibration Time | calibration_time | CALIBRATION TIME | 5NR1- | decimal | numbers only from 0-9999 or from 0-9999.9 | ([0-9]{0,4})\|([0-9]{0,4}\.[0-9]{0,1}) | |
| EA | Contractor Furnished Equipment (CFE)/ Government Furnished Equip. (GFE) | Contractor Furnished Equipment (CFE)/ Government Furnished Equip. (GFE) | contractor_furnished_ equipment_government_ furnished_equipment | CONTRACTOR FURNISHED EQUIPMENT/ GOVERNMENT FURNISHED EQUIPMENT(CFE/ GFE) | 1AF-- | string | | 1 | |
| EA | Custody Code | Custody Code | custody_code | | 1AF-- | string | | 1 | |
| EA | Date of First Article Delivery | Date of First Article Delivery | date_of_first_article_ delivery | | 6NF-- | string | | 6 | |
| EA | Design Data Price | Design Data Price | design_data_price | DESIGN DATA PRICE | 8NR-- | integer | numbers only from 0-99999999999 | [0-9]{0,11} | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| EA | Drawing Classification | Drawing Classification | drawing_classification | | 3X--- | string | | 3 | |
| EA | Economic Analysis | | economic_analysis | | 1AF-- | string | | 1 | |
| EA | End Article Item Designator | End Article Item Designator | end_article_item_designator | | 26X--- | string | | 26 | |
| EA | Extended Unit Price | Extended Unit Price | extended_unit_price | | 8NR-- | integer | numbers only from 0-99999999999 | [0-9]{0,11} | |
| EA | Family Group | Family Group | family_group | | 10XL-- | string | | 10 | |
| EA | Generic Code | Generic Code | generic_code | | 5XL-- | string | | 5 | |
| EA | Government Designator | Government Designator | government_designator | | 20XL-- | string | | 20 | |
| EA | Hardware Development Price | Hardware Development Price | hardware_development_price | HARDWARE DEVELOPMENT PRICE | 8NR-- | integer | numbers only from 0-99999999999 | [0-9]{0,11} | |
| EA | Integrated Logistic Support (ILS) Price | Integrated Logistic Support (ILS) Price | integrated_logistics_support_price | INTEGRATED LOGISTIC SUPPORT PRICE | 8NR-- | integer | numbers only from 0-99999999999 | [0-9]{0,11} | |
| EA | Life Cycle Status | Life Cycle Status | life_cycle_status | | 1AF-- | string | | 1 | |
| EA | Life Span | Life Span | life_span | | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| EA | Logistic Control Code | | logistics_control_code | | 1AF-- | string | | 1 | |
| EA | Logistic Support Analysis (LSA) Recommendation Code | Logistic Support Analysis (LSA) Recommenda-tion Code | logistics_support_analysis_recommendation_code | | 1AF-- | string | | 1 | |
| EA | Logistics Decision Office (LDO) | Logistics Decision Office (LDO) | logistics_decision_office | | 15XL-- | string | | 15 | |
| EA | Management Plan | Management Plan Required (MPR) | management_plan | | 1AF-- | string | | 1 | |
| EA | Managing Command/ Agency | Managing Command/ Agency | managing_command_agency | | 10XL-- | string | | 10 | |
| EA | Mean Time Between Failures (MTBF), Support Equipment (SE) | Mean Time Between Failures (MTBF), Support Equipment (SE) | support_equipment_mean_time_between_failures | | 10D--- | string | | 10 | |
| EA | Mean Time Between Maintenance Actions (MTBMA), Support Equip. (SE) | Mean Time Between Maintenance Actions (MTBMA), Support Equip. (SE) | support_equipment_mean_time_between_maintenance_actions | | 10D--- | string | | 10 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| EA | Mean Time To Repair (MTTR), Support Equipment (SE) | Mean Time To Repair (MTTR), Support Equipment (SE) | support_equipment_mean_time_to_repair | | 5NR2- | decimal | numbers only from 0-999 or numbers 0-999.99 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,2}) | |
| EA | Mobile Facility Code | Mobile Facility Code | mobile_facility_code | MOBILE FACILITY CODE | 1AF-- | string | | 1 | |
| EA | Modification or Change | | modification_or_change | | 1AF-- | string | | 1 | |
| EA | Operating & Support (O&S) Cost | Operating & Support (O&S) Cost | operating_and_support_cost | | 8NR-- | integer | numbers only from 0-99999999 | [0-9]{0,8} | |
| EA | Operating Dimension: Height | Operating Dimension: Height | operating_height | | 4NR1- | decimal | numbers only from 0-999 or from 0-999.9 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,1}) | |
| EA | Operating Dimension: Length | Operating Dimension: Length | operating_length | | 4NR1- | decimal | numbers only from 0-999 or from 0-999.9 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,1}) | |
| EA | Operating Dimension: Width | Operating Dimension: Width | operating_width | | 4NR1- | decimal | numbers only from 0-999 or from 0-999.9 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,1}) | |
| EA | Operating Dimensions Unit of Measure | Operating Dimensions Unit of Measure | operating_dimensions_unit_of_measure | | 2AF-- | string | | 2 | |
| EA | Operating Weight [Pounds] | Operating Weight [Pounds] | operating_weight | | 6NR1- | decimal | numbers only from 0-99999 or from 0-99999.9 | ([0-9]{0,5})\|([0-9]{0,5}\.[0-9]{0,1}) | |
| EA | Operating Weight Unit of Measure | Operating Weight Unit of Measure | operating_weight_unit_of_measure | | 2AF-- | string | | 2 | |
| EA | Operator's Manual | Operator's Manual | operators_manual | OPERATOR'S MANUAL | 16XL-- | string | | 16 | |
| EA | Pass-Thru Price | Pass-Thru Price | pass_thru_price | PASS THROUGH PRICE | 8NR-- | integer | numbers only from 0-99999999999 | [0-9]{0,11} | |
| EA | Preparing Activity | Preparing Activity | preparing_activity | PREPARING ACTIVITY | 25XL-- | string | | 25 | |
| EA | Printed Circuit Board Repair Operations/ Maintenance Level | Printed Circuit Board Repair Operations/ Maintenance Level | printed_circuit_board_repair_operations_maintenance_level | | 1AF-- | string | | 1 | |
| EA | Program Element | | program_element | | 3XL-- | string | | 3 | |
| EA | Program Support Inventory Control Point | | program_support_inventory_control_point | | 2XF-- | string | | 2 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| EA | Recurring Cost | Recurring Cost | recurring_cost | RECURRING COST | 8NR-- | integer | numbers only from 0-99999999 | [0-9]{0,8} | |
| EA | Reportable Item Control Code | | reportable_item_control_code | | 1NF-- | integer | numbers only from 0-9 | [0-9]{1} | |
| EA | Revolving Assets | Revolving Assets | revolving_assets | | 4XF-- | string | | 4 | |
| EA | SE Calibration Operations/Maint. (O/M) Level | SE Calibration Operations/ Maint. (O/M) Level | support_equipment_calibration_operations_maintenance_level | | 1AF-- | string | | 1 | |
| EA | SE Reference Number (Ref. No.) | SE Reference Number (Ref. No.) | support_equipment_reference_number | | 32XL-F | string | | 32 | |
| EA | SE Repair Operations/Maint. Level | SE Repair Operations/ Maint. Level | support_equipment_repair_operations_maintenance_level | | 1AF-- | string | | 1 | |
| EA | Self Test Code | Self Test Code | self_test_code | | 1AF-- | string | | 1 | |
| EA | Sensors or Transducers | | sensors_or_transducers | | 1AF-- | string | | 1 | |
| EA | Sketch | Sketch | sketch | | 1AF-- | string | | 1 | |
| EA | Skill Specialty Code (SSC) for Support Equipment (SE) Operator | Skill Specialty Code (SSC) for Support Equipment (SE) Operator | skill_specialty_code_for_support_equipment_operator | SKILL SPECIALTY CODE FOR SUPPORT EQUIPMENT OPERATOR | 7XL-- | string | | 7 | |
| EA | Spare Factor | | spare_factor | | 4XF-- | string | | 4 | |
| EA | Special Management Code | Special Management Code | special_management_code | | 1AF-- | string | | 1 | |
| EA | Standard Inter-Service Agency Serial Control Number | | standard_interservice_agency_serial_control_number | | 7XF-- | string | | 7 | |
| EA | Storage Dimensions: Height | Storage Dimensions: Height | storage_height | | 4NR1- | decimal | numbers only from 0-999 or from 0-999.9 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,1}) | |
| EA | Storage Dimensions: Length | Storage Dimensions: Length | storage_length | | 4NR1- | decimal | numbers only from 0-999 or from 0-999.9 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,1}) | |
| EA | Storage Dimensions: Width | Storage Dimensions: Width | storage_width | | 4NR1- | decimal | numbers only from 0-999 or from 0-999.9 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,1}) | |
| EA | Storage Dimensions; Unit of Measure (UM) | Storage Dimensions; Unit of Measure (UM) | storage_weight_unit_of_measure | | 2AF-- | string | | 3 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| EA | Storage Weight | Storage Weight | storage_weight | | 6NR1- | decimal | numbers only from 0-99999 or from 0-99999.9 | ([0-9]{0,5})\|([0-9]{0,5}\.[0-9]{0,1}) | |
| EA | Storage Weight; Unit of Measure (UM) | Storage Weight; Unit of Measure (UM) | storage_dimensions_unit_of_measure | | 2AF-- | string | | 2 | |
| EA | Support Equipment (SE) CAGE Code | Support Equipment (SE) CAGE Code | support_equipment_commercial_and_government_entity_code | | 5XF-F | string | | 5 | |
| EA | Support Equipment (SE) Contract Number | Support Equipment (SE) Contract Number | support_equipment_contract_number | | 19XL-- | string | | 19 | |
| EA | Support Equipment (SE) Full Item Name | Support Equipment (SE) Full Item Name | support_equipment_full_item_name | | 42XL-- | string | | 42 | |
| EA | Support Equipment (SE) Grouping | Support Equipment (SE) Grouping | support_equipment_grouping | | 3NF-- | string | | 3 | |
| EA | Support Equipment (SE) Item Category Code (ICC) | Support Equipment (SE) Item Category Code (ICC) | support_equipment_item_category_code | | 2XL-- | string | | 2 | |
| EA | Support Equipment (SE) Required | Support Equipment (SE) Required | support_equipment_required | | 1AF-- | string | | 1 | |
| EA | Support Equipment (SE) Service Designator | Support Equipment (SE) Service Designator | support_equipment_service_designator | | 1AF-- | string | | 1 | |
| EA | Support Equipment (SE) Shipping Dimensions: Height | Support Equipment (SE) Shipping Dimensions: Height | support_equipment_shipping_height | SUPPORT EQUIPMENT DIMENSIONS | 4NR1- | decimal | numbers only from 0-999 or from 0-999.9 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,1}) | |
| EA | Support Equipment (SE) Shipping Dimensions: Length | Support Equipment (SE) Shipping Dimensions: Length | support_equipment_shipping_length | SUPPORT EQUIPMENT DIMENSIONS | 4NR1- | decimal | numbers only from 0-999 or from 0-999.9 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,1}) | |
| EA | Support Equipment (SE) Shipping Dimensions: Width | Support Equipment (SE) Shipping Dimensions: Width | support_equipment_shipping_width | SUPPORT EQUIPMENT DIMENSIONS | 4NR1- | decimal | numbers only from 0-999 or from 0-999.9 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,1}) | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| EA | Support Equipment (SE) Shipping Dimensions; Unit of Measure (UM) | Support Equipment (SE) Shipping Dimensions; Unit of Measure (UM) | support_equipment_ shipping_dimensions_unit_ of_measure | | 2AF-- | string | | 2 | |
| EA | Support Equipment (SE) Shipping Weight | Support Equipment (SE) Shipping Weight | support_equipment_ shipping_weight | SUPPORT EQUIPMENT WEIGHT | 6NR1- | decimal | numbers only from 0-99999 or from 0-99999.9 | ([0-9]{0,5})\|([0-9]{0,5}\.[0-9]{0,1}) | |
| EA | Support Equipment (SE) Shipping Weight; Unit of Measure (UM) | Support Equipment (SE) Shipping Weight; Unit of Measure (UM) | support_equipment_ shipping_weight_unit_of_ measure | | 2AF-- | string | | 2 | |
| EA | Support Equipment (SE) Source, Maintenance & Recoverability (SMR) Code | Support Equipment (SE) Source, Maintenance & Recoverability (SMR) Code | support_equipment_source_ maintenance_recoverability _code | | 6XL-- | string | | 6 | |
| EA | Technical Evaluation Priority Code | | technical_evaluation_priority _code | | 3XF-- | string | | 3 | |
| EA | Technical Manual (TM) Required Code | | technical_manual_required_ code | | 17XL-- | string | | 17 | |
| EA | Test Language | Test Language | test_language | | 6AL-- | string | | 6 | |
| EA | Test Points | Test Points | test_points | | 1AF-- | string | | 1 | |
| EA | Test, Measurement & Diagnostic Equipment (TMDE) Register Code | Test, Measurement & Diagnostic Equipment (TMDE) Register Code | test_measurement_and_ diagnostic_equipment_ register_code | | 1AF-- | string | | 1 | |
| EA | Test, Measurement & Diagnostic Equipment (TMDE) Register Index Number | Test, Measurement & Diagnostic Equipment (TMDE) Register Index Number | test_measurement_and_ diagnostic_equipment_ register_index_number | | 7XF-- | string | | 7 | |
| EA | Type Classification | Type Classification | type_classfication | | 1AF-- | string | | 1 | |
| EA | Type Equipment Code | Type Equipment Code | type_equipment_code | TYPE EQUIPMENT CODE | 4XL-- | string | | 4 | |
| EA | Using Service Designator Code | Using Service Designator Code | using_service_designator_ code | | 8AF-- | string | | 8 | |
| EA | Year of Fielding | | year_of_fielding | | 2NF-- | string | | 2 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| EA | | Design Data Price CURRENCY CODE | | | | | | | |
| EA | | Extended Unit Price CURRENCY CODE | | | | | | | |
| EA | | HARDWARE DEVELOPMENT PRICE CURRENCY CODE | | | | | | | |
| EA | | Integrated Logistic Support (ILS) Price CURRENCY CODE | | | | | | | |
| EA | | Operating & Support (O&S) Cost CURRENCY CODE | | | | | | | |
| EA | | Pass-Thru Price CURRENCY CODE | | | | | | | |
| EA | | SE CATEGORY | | | | | | | |
| EA | | SE MTBF MB | | | | | | | |
| EA | | SE MTBMA MB | | | | | | | |
| EA | | SE RECURRING COST CURRENCY CODE | | | | | | | |
| EA | | SE TECHNICAL PUBLICATION REQUIREMENTS | | | | | | | |
| EA | | | support_equipment_cost_price_currency_code | | | String | | 3 | New element in 0007 Revision B for all support equipment costs |
| EA | | | support_equipment_functional_analysis_narrative | | | string | | unlimited | New separate narrative element collapsed from Table EE. |
| EA | | | support_equipment_description_and_function_narrative | | | string | | unlimited | New separate narrative element collapsed from Table EE. |
| EA | | | support_equipment_nonproliferation_effort_narrative | | | string | | unlimited | New separate narrative element collapsed from Table EE. |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| EA | | | Support_equipment_characteristics_narrative | | | string | | unlimited | New separate narrative element collapsed from Table EE. |
| EA | | | Support_equipment_installation_factors_or_other_facilities_narrative | | | string | | unlimited | New separate narrative element collapsed from Table EE. |
| EA | | | support_equipment_additional_skills_and_special_training_requirements_narrative | | | string | | unlimited | New separate narrative element collapsed from Table EE. |
| EA | | | support_equipment_explanation_narrative | | | string | | unlimited | New separate narrative element collapsed from Table EE. |
| EA | | | support_equipment_justification_narrative | | | string | | unlimited | New separate narrative element collapsed from Table EE. |
| EB | Allocation Data: Allowance Document Number | Allocation Data: Allowance Document Number | allowance_document_number | | 10XL-K | string | | 10 | |
| EB | Allocation Data: Allowance Range 1 | Allocation Data: Allowance Range 1 | allowable_range_1 | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| EB | Allocation Data: Allowance Range 10 | Allocation Data: Allowance Range 10 | allowable_range_10 | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| EB | Allocation Data: Allowance Range 2 | Allocation Data: Allowance Range 2 | allowable_range_2 | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| EB | Allocation Data: Allowance Range 3 | Allocation Data: Allowance Range 3 | allowable_range_3 | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| EB | Allocation Data: Allowance Range 4 | Allocation Data: Allowance Range 4 | allowable_range_4 | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| EB | Allocation Data: Allowance Range 5 | Allocation Data: Allowance Range 5 | allowable_range_5 | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| EB | Allocation Data: Allowance Range 6 | Allocation Data: Allowance Range 6 | allowable_range_6 | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| EB | Allocation Data: Allowance Range 7 | Allocation Data: Allowance Range 7 | allowable_range_7 | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| EB | Allocation Data: Allowance Range 8 | Allocation Data: Allowance Range 8 | allowable_range_8 | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| EB | Allocation Data: Allowance Range 9 | Allocation Data: Allowance Range 9 | allowable_range_9 | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| EB | Allocation Data: Designation Description | Allocation Data: Designation Description | allocation_designation_description | | 9NR-- | string | | 9 | |
| EB | Allocation Data: Extended Range | Allocation Data: Extended Range | allocation_extended_range | | 3XR-- | string | | 3 | |
| EB | Allocation Data: Land Vessel Code | Allocation Data: Land Vessel Code | allocation_land_vessel_code | | 1AF-- | string | | 1 | |
| EB | Allocation Data: Maintenance Level Function (MLF) | Allocation Data: Maintenance Level Function (MLF) | allocation_maintenance_level_function | | 2XL-- | string | | 2 | |
| EB | Allocation Data: Station Identification Code | Allocation Data: Station Identification Code | allocation_station_identification_code | | 5XL-- | string | | 5 | |
| EB | SE Reference Number (Ref. No.) | SE Reference Number (Ref. No.) | support_equipment_reference_number | | 32XL-F | string | | 32 | |
| EB | Support Equipment (SE) CAGE Code | Support Equipment (SE) CAGE Code | support_equipment_commercial_and_government_entity_code | | 5XF-F | string | | 5 | |
| EC | Calibration Procedure | Calibration Procedure | calibration_procedure | CALIBRATION PROCEDURE | 20XL-- | string | | 20 | |
| EC | SE Reference Number (Ref. No.) | SE Reference Number (Ref. No.) | support_equipment_reference_number | | 32XL-F | string | | 32 | |
| EC | Support Equipment (SE) CAGE Code | Support Equipment (SE) CAGE Code | support_equipment_commercial_and_government_entity_code | | 5XF-F | string | | 5 | |
| EC | Support Equipment (SE) Parameter | Support Equipment (SE) Parameter | support_equipment_parameter | PARAMETERS | 12XL-- | string | | 12 | |
| EC | Support Equipment (SE) Parameter Accuracy | Support Equipment (SE) Parameter Accuracy | support_equipment_parameter_accuracy | PARAMETERS | 26XL-- | string | | 26 | |
| EC | Support Equipment (SE) Parameter Group Code (PGC) | Support Equipment (SE) Parameter Group Code (PGC) | support_equipment_parameter_group_code | | 2AF-K | string | | 2 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| EC | Support Equipment (SE) Parameter Input/Output Code | Support Equipment (SE) Parameter Input/Output Code | support_equipment_parameter_input_or_output_code | PARAMETERS | 1AF-- | string | | 1 | |
| EC | Support Equipment (SE) Parameter Range, From | Support Equipment (SE) Parameter Range, From | support_equipment_parameter_range_from | PARAMETERS | 10D--- | string | | 10 | |
| EC | Support Equipment (SE) Parameter Range, To | Support Equipment (SE) Parameter Range, To | support_equipment_parameter_range_to | PARAMETERS | 10D--- | string | | 10 | |
| EC | Support Equipment (SE) Parameter Range/Value Code | Support Equipment (SE) Parameter Range/Value Code | support_equipment_parameter_range_or_value_code | PARAMETERS | 1AF-- | string | | 1 | |
| ED | SE Reference Number (Ref. No.) | SE Reference Number (Ref. No.) | support_equipment_reference_number | | 32XL-F | string | | 32 | |
| ED | Specific Authorization: Name/Location of Activity | Specific Authorization: Name/ Location of Activity | activity_name_location | | 50XL-K | string | | 50 | |
| ED | Specific Authorization: Number of Activities | Specific Authorization: Number of Activities | number_of_activities | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| ED | Specific Authorization: Support Equipment (SE) Quantity Per Activity (QPA) | Specific Authorization: Support Equipment (SE) Quantity Per Activity (QPA) | support_equipment_quantity_per_activity | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| ED | Specific Authorization: Type of Activity | Specific Authorization: Type of Activity | type_of_activity | | 15XL-- | string | | 15 | |
| ED | Support Equipment (SE) CAGE Code | Support Equipment (SE) CAGE Code | support_equipment_commercial_and_government_entity_code | | 5XF-F | string | | 5 | |
| EE | Support Equipment (SE) CAGE Code | Support Equipment (SE) CAGE Code | | | 5XF-F | | | | Table EE collapsed into Entity EA of 0007. New narrative fields created in Entity EA. |
| EE | SE Reference Number (Ref. No.) | SE Reference Number (Ref. No.) | | | 32XL-F | | | | Table EE collapsed into Entity EA of 0007. New narrative fields created in Entity EA. |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| EE | Support Equipment Narrative Text Sequencing Code | Support Equipment Narrative Text Sequencing Code | | | 5NR- | | | | Table EE collapsed into Entity EA of 0007. New narrative fields created in Entity EA. |
| EE | Support Equipment Narrative Code | Support Equipment Narrative Code | | | 1AF- | | | | Table EE collapsed into Entity EA of 0007. New narrative fields created in Entity EA. |
| EE | Support Equipment Narrative | Support Equipment Narrative | | | 65X-- | | | | Table EE collapsed into Entity EA of 0007. New narrative fields created in Entity EA. |
| EF | SE Recommendation Data (SERD) Date of Initial Submission | SE Recommendation Data (SERD) Date of Initial Submission | support_equipment_recommendation_data_date_of_initial_submission | | 6NF-- | integer | numbers only from 000001-999999 | [0-9]{6} | |
| EF | SE Reference Number (Ref. No.) | SE Reference Number (Ref. No.) | support_equipment_reference_number | | 32XL-F | string | | 32 | |
| EF | SERD Date of Government Disposition | SERD Date of Government Disposition | support_equipment_recommendation_data_date_of_government_disposition | | 6NF-- | integer | 1 | [0-9]{6} | |
| EF | SERD Date of Revision Submission | SERD Date of Revision Submission | support_equipment_recommendation_data_date_of_revision_submission | REVISION | 6NF-- | integer | numbers only from 000001-999999 | [0-9]{6} | |
| EF | Support Equipment (SE) CAGE Code | Support Equipment (SE) CAGE Code | support_equipment_commercial_and_government_entity_code | | 5XF-F | string | | 5 | |
| EF | Support Equipment Recommendation Data (SERD) Number | Support Equipment Recommenda-tion Data (SERD) Sequence Number | support_equipment_recommendation_data_number | SUPPORT EQUIPMENT RECOMMENDATION DATA NUMBER | 10XF-F | string | | 10 | |
| EF | Support Equipment Recommendation Data (SERD) Revision | Support Equipment Recommenda-tion Data (SERD) Revision | support_equipment_recommendation_data_revision | | 2AR-K | string | | 2 | |
| EF | Support Equipment Recommendation Data (SERD) Status | Support Equipment Recommenda-tion Data (SERD) Status | support_equipment_recommendation_data_status | | 1AF-- | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| EF | | | support_equipment_ recommendation_data_ revision_remarks | SUPPORT EQUIPMENT RECOMMENDATION DATA REVISION/SUPER-SEDURE REMARKS | | string | | unlimited | Element collapsed from Table EG of MIL-STD-1388-2B |
| EG | SE Recommendation Data (SERD) Revision Remarks | SE Recommendation Data (SERD) Revision Remarks | | | 65XL-- | | | | Table EG collapsed into Entity EF in 0007. |
| EG | Support Equipment (SE) Commercial & Gov't. Entity (CAGE) Code | Support Equipment (SE) Commercial & Gov't. Entity (CAGE) Code | | | 5XF-- | | | | Table EG collapsed into Entity EF in 0007. |
| EG | Support Equipment (SE) Reference Number (Ref. No.) | Support Equipment (SE) Reference Number (Ref. No.) | | | 32XL-- | | | | Table EG collapsed into Entity EF in 0007. |
| EG | Support Equipment Recommendation Data (SERD) Number | Support Equipment Recommendation Data (SERD) Number | | | 10XF-F | | | | Table EG collapsed into Entity EF in 0007. |
| EG | Support Equipment Recommendation Data (SERD) Revision | Support Equipment Recommendation Data (SERD) Revision | | | 2AR-F | | | | Table EG collapsed into Entity EF in 0007. |
| EG | Text Sequencing Code (TSC): SE Recommendt'n Data (SERD) Rev. | Text Sequencing Code (TSC): SE Recommendt'n Data (SERD) Rev. | | | 5NR-K | | | | Table EG collapsed into Entity EF in 0007. |
| EH | Alternate NSN Federal Supply Classification (FSC) | Alternate NSN Federal Supply Classification (FSC) | alternate_national_stock_ number_federal_supply_ classification | | 4NF-K | string | | 4 | |
| EH | Alternate NSN National Item Identification Number (NIIN) | Alternate NSN National Item Identification Number (NIIN) | alternate_national_stock_ number_national_item_ identification_number | | 9SF-K | string | | 9 | |
| EH | Support Equipment (SE) Commercial & Gov't. Entity (CAGE) Code | Support Equipment (SE) Commercial & Gov't. Entity (CAGE) Code | support_equipment_ commercial_and_ government_entity_code | | 5XF-F | string | | 5 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| EH | Support Equipment (SE) Reference Number (Ref. No.) | Support Equipment (SE) Reference Number (Ref. No.) | support_equipment_ reference_number | | 32XL-F | string | | 32 | |
| EH | Support Equipment Recommendation Data (SERD) Number | Support Equipment Recommendation Data (SERD) Number | support_equipment_ recommendation_data_ number | | 10XF-F | string | | 10 | |
| EH | Support Equipment Recommendation Data (SERD) Revision | Support Equipment Recommendation Data (SERD) Revision | support_equipment_ recommendation_data_ revision | | 2AR-F | string | | 2 | |
| EI | Input Power Source: Alternating Current/Direct Current | Input Power Source: Alternating Current/Direct Current | input_power_source_ac_dc | INPUT POWER SOURCE | 1AF-- | string | | 1 | |
| EI | Input Power Source: Frequency Range, Maximum | Input Power Source: Frequency Range, Maximum | input_power_source_ frequency_range_maximum | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| EI | Input Power Source: Frequency Range, Minimum | Input Power Source: Frequency Range, Minimum | input_power_source_ frequency_range_minimum | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| EI | Input Power Source: Operating Range, Maximum | Input Power Source: Operating Range, Maximum | input_power_source_ operating_range_maximum | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| EI | Input Power Source: Operating Range, Minimum | Input Power Source: Operating Range, Minimum | input_power_source_ operating_range_minimum | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| EI | Input Power Source: Percent Maximum Ripple | Input Power Source: Percent Maximum Ripple | input_power_source_ percent_maximum_ripple | | 4NR2- | decimal | numbers only from 0-99 or from 0-99.99 | ([0-9]{0,2})\|([0-9]{0,2}\.[0-9]{0,2}) | |
| EI | Input Power Source: Phase | Input Power Source: Phase | input_power_source_phase | | 1NF-- | integer | | 1 | |
| EI | Input Power Source: Source Option Number | Input Power Source: Source Option Number | source_option_number | | 2NR-K | integer | numbers only from 0-99 | [0-9]{0,2} | |
| EI | Input Power Source: Watts | Input Power Source: Watts | input_power_source_watts | | 5NR-- | integer | numbers only from 0-99999 | [0-9]{0,5} | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| EI | SE Reference Number (Ref. No.) | SE Reference Number (Ref. No.) | support_equipment_ reference_number | | 32XL-F | string | | 32 | |
| EI | Support Equipment (SE) CAGE Code | Support Equipment (SE) CAGE Code | support_equipment_ commercial_and_ government_entity_code | | 5XF-F | string | | 5 | |
| EJ | Design Data Category Code (DDCC) | Design Data Category Code (DDCC) | design_data_category_code | DESIGN DATA CATEGORY CODE | 1AF-K | string | | 1 | |
| EJ | Design Data Category Code (DDCC), Contractor Recommended | Design Data Category Code (DDCC), Contractor Recommended | design_data_category_code _contractor_recommended | CONTRACTOR RECOMMENDED | 1AF-- | string | | 1 | |
| EJ | Design Data Category Code (DDCC), Estimated Price | Design Data Category Code (DDCC), Estimated Price | design_data_category_code _estimated_price | ESTIMATED PRICE | 8NR-- | integer | numbers only from 0-99999999999 | [0-9]{0,11} | |
| EJ | Design Data Category Code (DDCC), Government Required | Design Data Category Code (DDCC), Government Required | design_data_category_code _government_required | DESIGN DATA CATEGORY CODE | 1AF-- | string | | 1 | |
| EJ | Design Data Category Code (DDCC), Scope | Design Data Category Code (DDCC), Scope | design_data_category_code _scope | SCOPE | 40X--- | string | | 40 | |
| EJ | SE Reference Number (Ref. No.) | SE Reference Number (Ref. No.) | support_equipment_ reference_number | | 32XL-F | string | | 32 | |
| EJ | Support Equipment (SE) CAGE Code | Support Equipment (SE) CAGE Code | support_equipment_ commercial_and_ government_entity_code | | 5XF-F | string | | 5 | |
| EJ | | Design Data Category Code (DDCC), Estimated Price CURRENCY CODE | design_data_category_ code_estimated_price_ currency_ code | | | string | | | New element in 0007, Revision B. |
| EK | Reason for Supersedure/ Deletion | Reason for Supersedure/ Deletion | reason_for_supersedure_ deletion | | 2XF-- | string | | 2 | |
| EK | SE Reference Number (Ref. No.) | SE Reference Number (Ref. No.) | support_equipment_ reference_number | | 32XL-F | string | | 32 | |
| EK | Supersedure CAGE Code | Supersedure CAGE Code | supersedure_commercial_ and_government_entity_ code | | 5XF-F | string | | 5 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| EK | Supersedure Interchangeability Code | Supersedure Interchange-ability Code | supersedure_ interchangeability_code | INTERCHANGE-ABILITY CODE | 2AF-- | string | | 2 | |
| EK | Supersedure Item Name | Supersedure Item Name | supersedure_item_name | | 19XL-- | string | | 19 | |
| EK | Supersedure Reference Number (Ref. No.) | Supersedure Reference Number (Ref. No.) | supersedure_reference_ number | | 32XL-F | string | | 32 | |
| EK | Supersedure Support Equip. Recommendation Data (SERD) Sequence Num. | Supersedure Support Equip. Recommenda-tion Data (SERD) Sequence Num. | supersedure_support_ equipment_recommendation _data_number | | 10XF-- | string | | 10 | |
| EK | Supersedure Type | Supersedure Type | supersedure_type | | 1XF-M | string | | 1 | |
| EK | Support Equipment (SE) CAGE Code | Support Equipment (SE) CAGE Code | support_equipment_ commercial_and_ government_entity_code | | 5XF-F | string | | 5 | |
| EK | | PRINCIPAL FEATURES LIST (PFL) CODE | | | | | | | |
| EL | ILS Requirement Category Code (IRCC), Contractor Recommended | ILS Requirement Category Code (IRCC), Contractor Recommended | integrated_logistics_support _requirement_category_ code_contractor_ recommended | | 1AF-- | string | | 1 | |
| EL | ILS Requirement Category Code (IRCC), Estimated Price | ILS Requirement Category Code (IRCC), Estimated Price | integrated_logistics_support _requirement_category_ code_estimated_price | | 8NR-- | integer | numbers only from 0-99999999999 | [0-9]{0,11} | |
| EL | ILS Requirement Category Code (IRCC), Government Required | ILS Requirement Category Code (IRCC), Government Required | integrated_logistics_support _requirement_category_ code_government_required | | 1AF-- | string | | 1 | |
| EL | ILS Requirement Category Code (IRCC), Scope | ILS Requirement Category Code (IRCC), Scope | integrated_logistics_support _requirement_category_ code_scope | | 40X-- | string | | 40 | |
| EL | Integrated Logistic Support (ILS) Requirement Category Code (IRCC) | Integrated Logistic Support (ILS) Requirement Category Code (IRCC) | integrated_logistics_support _requirement_category_ code | INTEGRATED LOGISTIC SUPPORT REQUIREMENTS CATEGORY CODE | 1AF-K | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| EL | SE Reference Number (Ref. No.) | SE Reference Number (Ref. No.) | support_equipment_ reference_number | | 32XL-F | string | | 32 | |
| EL | Support Equipment (SE) CAGE Code | Support Equipment (SE) CAGE Code | support_equipment_ commercial_and_ government_entity_code | | 5XF-F | string | | 5 | |
| EL | | ILS Requirement Category Code (IRCC), Estimated Price CURRENCY CODE | integrated_logistics_support _requirement_category_ code_estimated_price_ currency_ code | | | string | | 3 | New element in 0007 Revision B |
| EM | Support Equipment (SE) Commercial & Gov't. Entity (CAGE) Code | Support Equipment (SE) Commercial & Gov't. Entity (CAGE) Code | support_equipment_ commercial_and_ government_entity_code | | 5XF-F | string | | 5 | |
| EM | Support Equipment (SE) Reference Number (Ref. No.) | Support Equipment (SE) Reference Number (Ref. No.) | support_equipment_ reference_number | | 32XL-F | string | | 32 | |
| EM | System Commercial & Government Entity (CAGE) Code | System Commercial & Government Entity (CAGE) Code | system_equipment_ commercial_and_ government_entity_code | | 5XF-F | string | | 5 | |
| EM | System Equipment (SE) Item Designator | System Equipment (SE) Item Designator | system_equipment_item_ designator | | 26X--- | string | | 26 | |
| EM | System Equipment (SE) Quantity Per Test | System Equipment (SE) Quantity Per Test | system_equipment_quantity _per_test | QUANTITY PER TEST | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| EM | System Reference Number (Ref. No.) | System Reference Number (Ref. No.) | system_reference_number | | 32XL-F | string | | 32 | |
| FA | Facility Area | Facility Area | facility_area | | 6NR-- | integer | numbers only from 0-999999 | [0-9]{0,6} | |
| FA | Facility Area Unit of Measure (UM) | Facility Area Unit of Measure (UM) | facility_area_unit_of_ measure | | 2AF-- | string | | 2 | |
| FA | Facility Category Code | Facility Category Code | facility_category_code | | 6NF-F | string | | 6 | |
| FA | Facility Class | | facility_class | | 19XL-- | string | | 19 | |
| FA | Facility Construction Unit of Measure | Facility Construction Unit of Measure | construction_unit_of_ measure | | 2AF-- | string | | 2 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| FA | Facility Construction Unit of Measure Price | Facility Construction Unit of Measure Price | facility_construction_unit_of_measure_price | | 10NR2- | decimal | numbers only from 0-99999999 or from 0-99999999.99 | ([0-9]{0,8})\|([0-9]{0,8}\.[0-9]{0,2}) | |
| FA | | | facility_construction_unit_of_measure_price_currency_code | | | string | | 3 | New element in 0007 Revision B. |
| FA | Facility Drawing Classification | Facility Drawing Classification | facility_drawing_classification | | 3X--- | string | | 3 | |
| FA | Facility Drawing Number | Facility Drawing Number | facility_drawing_number | | 32XL-- | string | | 32 | |
| FA | Facility Drawing Revision | Facility Drawing Revision | facility_drawing_revision | | 2AR-- | string | | 2 | |
| FA | Facility Name | Facility Name | facility_name | | 32XL-F | string | | 32 | |
| FA | Facility Type | Facility Type | facility_type | | 1AF-F | string | | 1 | |
| FA | | WORK CENTER CODE | | | | | | | |
| FA | | | facility_capability_narrative | | | string | | | New narrative field created from narrative in Table FB. |
| FA | | | baseline_ facility_ maintenance_requirement_ narrative | | | string | | | New narrative field created from narrative in Table FB. |
| FA | | | facility_location_narrative | | | string | | | New narrative field created from narrative in Table FB. |
| FA | | | baseline_facility_ requirements_for_ operations_narrative | | | string | | | New narrative field created from narrative in Table FB. |
| FA | | | baseline_facility_ requirements_for_training_ narrative | | | string | | | New narrative field created from narrative in Table FB. |
| FA | | | baseline_facility_ requirements_special_ considerations_narrative | | | string | | | New narrative field created from narrative in Table FB. |
| FA | | | baseline_facility_ requirements_supply_ storage_narrative | | | string | | | New narrative field created from narrative in Table FB. |
| FA | | | new_or_modified_facility_ design_criteria_narrative | | | string | | | New narrative field created from narrative in Table FB. |
| FA | | | new_or_modified_facility_ installation_lead_time_ narrative | | | string | | | New narrative field created from narrative in Table FB. |
| FA | | | new_or_modified_facility_ task_area_breakdown_ narrative | | | string | | | New narrative field created from narrative in Table FB. |
| FA | | | new_or_modified_facility_ utilization_narrative | | | string | | | New narrative field created from narrative in Table FB. |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| FA | | | new_or_modified_facility_requirements_narrative | | | string | | | New narrative field created from narrative in Table FB. |
| FA | | | new_or_modified_facility_unit_cost_rationale_narrative | | | string | | | New narrative field created from narrative in Table FB. |
| FA | | | new_or_modified_facility_justification_narrative | | | string | | | New narrative field created from narrative in Table FB. |
| FA | | | new_or_modified_facility_type_of_construction_narrative | | | string | | | New narrative field created from narrative in Table FB. |
| FA | | | new_or_modified_facility_utilities_requirement_narrative | | | string | | | New narrative field created from narrative in Table FB. |
| FB | Facility Category Code | Facility Category Code | | | 6NF-F | | | | Table FB collapsed into Entity FA of 0007. New narrative field created from narrative in Table FB. |
| FB | Facility Name | Facility Name | | | 32XL-K | | | | Table FB collapsed into Entity FA of 0007. New narrative field created from narrative in Table FB. |
| FB | Facility Narrative | Facility Narrative | | INSTALLATION FACTORS OR OTHER FACILITIES | 65X--- | | | | Table FB collapsed into Entity FA of 0007. New narrative field created from narrative in Table FB. |
| FB | Facility Narrative Code | Facility Narrative Code | | | 1AF-K | | | | Table FB collapsed into Entity FA of 0007. New narrative field created from narrative in Table FB. |
| FB | Facility Type | Facility Type | | | 1AF-F | | | | Table FB collapsed into Entity FA of 0007. New narrative field created from narrative in Table FB. |
| FB | Text Sequencing Code (TSC): Facility Narrative | Text Sequencing Code (TSC): Facility Narrative | | | 5NR-K | | | | Table FB collapsed into Entity FA of 0007. New narrative field created from narrative in Table FB. |
| FC | Baseline Facility Category Code | Baseline Facility Category Code | | | 6NF-F | | | | Table FC collapsed into Entity FA of 0007. New narrative field created from narrative in Table FC. |
| FC | Baseline Facility Name | Baseline Facility Name | | | 32XL-F | | | | Table FC collapsed into Entity FA of 0007. New narrative field created from narrative in Table FC. |
| FC | Baseline Facility Narrative | Baseline Facility Narrative | | | 65X--- | | | | Table FC collapsed into Entity FA of 0007. New narrative field created from narrative in Table FC. |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| FC | Baseline Facility Narrative Code | Baseline Facility Narrative Code | | | 1AF-K | | | | Table FC collapsed into Entity FA of 0007. New narrative field created from narrative in Table FC. |
| FC | Baseline Facility Type | Baseline Facility Type | | | 1AF-F | | | | Table FC collapsed into Entity FA of 0007. New narrative field created from narrative in Table FC. |
| FC | Text Sequencing Code (TSC): Baseline Facility Narrative | Text Sequencing Code (TSC): Baseline Facility Narrative | | | 5NR-K | | | | Table FC collapsed into Entity FA of 0007. New narrative field created from narrative in Table FC. |
| FD | New or Modified Facility Category Code | New or Modified Facility Category Code | | | 6NF-F | | | | Table FD collapsed into Entity FA in 0007. New narrative field created from narrative in Table FD. |
| FD | New or Modified Facility Name | New or Modified Facility Name | | | 32XL-F | | | | Table FD collapsed into Entity FA in 0007. New narrative field created from narrative in Table FD. |
| FD | New or Modified Facility Narrative | New or Modified Facility Narrative | | | 65X--- | | | | Table FD collapsed into Entity FA in 0007. New narrative field created from narrative in Table FD. |
| FD | New or Modified Facility Narrative Code | New or Modified Facility Narrative Code | | | 1AF-K | | | | Table FD collapsed into Entity FA in 0007. New narrative field created from narrative in Table FD. |
| FD | New or Modified Facility Type | New or Modified Facility Type | | | 1AF-F | | | | Table FD collapsed into Entity FA in 0007. New narrative field created from narrative in Table FD. |
| FD | Text Sequencing Code (TSC): New or Modified Facility Narr. | Text Sequencing Code (TSC): New or Modified Facility Narr. | | | 5NR-K | | | | Table FD collapsed into Entity FA in 0007. New narrative field created from narrative in Table FD. |
| FE | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| FE | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| FE | Facility Category Code | Facility Category Code | facility_category_code | | 6NF-K | string | | 6 | |
| FE | Facility Name | Facility Name | facility_name | | 32XL-F | string | | 32 | |
| FE | Facility Type | Facility Type | facility_type | | 1AF-K | string | | 1 | |
| FE | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| FE | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| FE | Task Code | Task Code | task_code | | 7XF-K | string | | 7 | |
| FE | | DOCKING AND ESSENTIAL DEFECTS INTERVALS | | | | | | | |
| FE | | THIRD LINE DEVELOPMENT TASK NO. | | | | | | | |
| FE | | THIRD LINE CAPABILITY AVAILABLE | | | | | | | |
| FE | | THIRD LINE CAPABILITY FORECAST DATE | | | | | | | |
| FZ | | | document_id | | | string | | 56 | New Entity in 0007. |
| FZ | | | originator_code | | | string | | 5 | New Entity in 0007 |
| FZ | | | issue_number | | | integer | numbers only | [0-9]{2} | New Entity in 0007 |
| FZ | | | security_classification | | | string | | 2 | New Entity in 0007 |
| FZ | | | facility_category_code | | | string | | 6 | New Entity in 0007. |
| FZ | | | facility_type | | | string | | 1 | New Entity in 0007. |
| FZ | | | facility_name | | | string | | 7 | New Entity in 0007. |
| GA | Hourly Labor Rate | | hour_labor_rate | | 4NR2- | decimal | numbers only from 0-99 or from 0-99.99 | ([0-9]{0,2})\|([0-9]{0,2}\.[0-9]{0,2}) | |
| GA | | | hour_labor_rate_currency_code | | | string | | 3 | New data element for 0007 Revision B. |
| GA | Skill Level Code (SLC) | Skill Level Code (SLC) | skill_level_code | | 1AF-- | string | | 1 | |
| GA | Skill Specialty Code (SSC) | Skill Specialty Code (SSC) | skill_specialty_code | | 7XL-K | string | | 7 | |
| GA | Training Cost | Training Cost | training_cost | | 7NR2- | decimal | numbers only from 0-99999 or from 0-99999.99 | ([0-9]{0,5})\|([0-9]{0,5}\.[0-9]{0,2}) | |
| GA | | TRAINING COST CURRENCY CODE | training_cost_currency_code | | | string | | 3 | New element in 0007 Revision B. |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| GB | Armed Services Vocational Aptitude Battery (ASVAB) Armed Forces Qualification Test (AFQT) Expected Range, High | | armed_services_vocational_aptitude_battery_armed_forces_qualification_test_expected_range_high | | 2NF-- | integer | numbers only from 01-99 | [0-9]{2} | |
| GB | Armed Services Vocational Aptitude Battery (ASVAB) Armed Forces Qualification Test (AFQT) Expected Range, Low | | armed_services_vocational_aptitude_battery_armed_forces_qualification_test_expected_range_low | | 2NF-- | integer | numbers only from 01-99 | [0-9]{2} | |
| GB | Armed Services Vocational Aptitude Battery (ASVAB) Armed Forces Qualification Test (AFQT) Lowest Percent, High | | armed_services_vocational_aptitude_battery_armed_forces_qualification_test_lowest_percent_high | | 2NF-- | integer | numbers only from 01-99 | [0-9]{2} | |
| GB | Armed Services Vocational Aptitude Battery (ASVAB) Armed Forces Qualification Test (AFQT) Lowest Percent, Low | | armed_services_vocational_aptitude_battery_armed_forces_qualification_test_lowest_percent_low | | 2NF-- | integer | numbers only from 01-99 | [0-9]{2} | |
| GB | Armed Services Vocational Aptitude Battery (ASVAB) Armed Forces Qualification Test (AFQT) Score | | armed_services_vocational_aptitude_battery_armed_forces_qualification_test_score | | 2NF-- | integer | numbers only from 01-99 | [0-9]{2} | |
| GB | Duty Position Requiring a New or Revised Skill | Duty Position Requiring a New or Revised Skill | duty_position_requiring_a_new_or_revised_skill | | 19XL-- | string | | 19 | |
| GB | New or Modified Skill Level Code | New or Modified Skill Level Code | new_or_modified_skill_level_code | | 1AF-- | string | | 1 | |
| GB | New or Modified Skill Specialty Code (SSC) | New or Modified Skill Specialty Code (SSC) | new_or_modified_skill_specialty_code | | 7XL-K | string | | 7 | |
| GB | Recommended Civilian Grade | Recommended Civilian Grade | recommended_civilian_rade | | 4XF-- | string | | 4 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| GB | Recommended Military Rank/Rate | Recommended Military Rank/Rate | recommended_military_rank_rate | | 3XF-- | string | | 3 | |
| GB | Security Clearance | Security Clearance | security_clearance | | 1NF-- | string | | 1 | |
| GB | Skill Specialty Code (SSC) | Skill Specialty Code (SSC) | skill_specialty_code | | 7XL-- | string | | 7 | |
| GB | Test Score | | test_score | | 3NR-- | integer | number only from 0-999 | [0-9]{0,3} | |
| GB | | TRAINING LEVEL - RANK | | | | | | | |
| GB | | TRAINING LEVEL - SKILL | | | | | | | |
| GB | | | new_or_modified_skill_additional_requirements_narrative | | | string | | unlimited | Table GC collapsed into Entity GB of 0007. New narratives created from narrative in Table GC. |
| GB | | | new_or_modified_skill_educational_qualifications_narrative | | | string | | unlimited | Table GC collapsed into Entity GB of 0007. New narratives created from narrative in Table GC. |
| GB | | | new_or_modified_skill_justification_narrative | | | string | | unlimited | Table GC collapsed into Entity GB of 0007. New narratives created from narrative in Table GC. |
| GB | | | new_or_modified_skill_additional_training_requirements_narrative | | | string | | unlimited | Table GC collapsed into Entity GB of 0007. New narratives created from narrative in Table GC. |
| GC | New or Modified Skill Specialty Code (SSC) | New or Modified Skill Specialty Code (SSC) | | | 7XL- | | | | Table GC collapsed into Entity GB of 0007. New narratives created from narrative in Table GC. |
| GC | New or Modified Skill Narrative Code | New or Modified Skill Narrative Code | | | 1AF- | | | | Table GC collapsed into Entity GB of 0007. New narratives created from narrative in Table GC. |
| GC | New or Modified Skill Narrative Text Sequencing Code | New or Modified Skill Narrative Text Sequencing Code | | | 5NR- | | | | Table GC collapsed into Entity GB of 0007. New narratives created from narrative in Table GC. |
| GC | New or Modified Skill Narrative | New or Modified Skill Narrative | | | 65X-- | | | | Table GC collapsed into Entity GB of 0007. New narratives created from narrative in Table GC. |
| GD | Armed Services Vocational Aptitude Battery (ASVAB) Element | | armed_services_vocational_aptitude_battery_aptitude_element | | 2AF-K | string | | 2 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| GD | Armed Services Vocational Aptitude Battery (ASVAB) Element Expected Range, High | | armed_services_vocational_aptitude_battery_aptitude_element_expected_source_type | | 3NF-- | integer | number only from 0-999 | [0-9]{0,3} | |
| GD | Armed Services Vocational Aptitude Battery (ASVAB) Element Expected Range, Low | | armed_services_vocational_aptitude_battery_aptitude_element_expected_range_low | | 3NF-- | integer | number only from 0-999 | [0-9]{0,3} | |
| GD | Armed Services Vocational Aptitude Battery (ASVAB) Element Lowest Percent, High | | armed_services_vocational_aptitude_battery_aptitude_element_lowest_percent_high | | 3NF-- | integer | number only from 0-999 | [0-9]{0,3} | |
| GD | Armed Services Vocational Aptitude Battery (ASVAB) Element Lowest Percent, Low | | armed_services_vocational_aptitude_battery_aptitude_element_lowest_percent_low | | 3NF-- | integer | number only from 0-999 | [0-9]{0,3} | |
| GD | New or Modified Skill Specialty Code (SSC) | | new_or_modified_skill_specialty_code | | 7XL-F | string | | 7 | |
| GE | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| GE | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| GE | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| GE | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| GE | New or Modified Skill Specialty Code (SSC) | New or Modified Skill Specialty Code (SSC) | new_or_modified_skill_specialty_code | | 7XL-- | string | | 7 | |
| GE | Physical & Mental Requirements Narrative | Physical & Mental Requirements Narrative | physical_and_mental_requirements_narrative | | 65X--- | string | | unlimited | |
| GE | Subtask Number | Subtask Number | subtask_number | | 3NF-K | string | | 3 | |
| GE | Subtask Person Identifier | Subtask Person Identifier | subtask_person_identifier | | 3XL-F | string | | 3 | |
| GE | Task Code | Task Code | task_code | | 7XF-F | string | | 7 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| GE | Text Seq. Code (TSC): Phys. & Mental Reqrmts {2B}; Card Seq. Cd (CSC) {2A} | Text Seq. Code (TSC): Phys. & Mental Reqrmts {2B}; Card Seq. Cd (CSC) {2A} | | | 5NR-K | | | | Not required for 0007. |
| HA | Acquisition Method Code (AMC) | Acquisition Method Code (AMC) | acquisition_method_code | | 1NF-- | integer | | 1 | |
| HA | Acquisition Method Suffix Code (AMSC) | | acquisition_method_suffix_code | | 1XF-- | string | | 1 | |
| HA | Automatic Data Processing Equipment Code (ADPEC) | | automatic_data_processing_equipment_code | AUTOMATIC DATA PROCESSING CODE | 1NF-- | string | | 1 | |
| HA | Commercial & Government Entity (CAGE) Code | Commercial & Government Entity (CAGE) Code | commercial_and_government_entity_code | COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE | 5XF-F | string | | 5 | |
| HA | Contractor Technical Information Code (CTIC) | | contractor_technical_information_code | CONTRACTOR TECHNICAL INFORMATION CODE (CTIC) | 2A--- | string | | 2 | |
| HA | | | circuit_breaker_type | | | string | | 33 | New element to identify the type of circuit breaker |
| HA | Critical Item Code | Critical Item Code | critical_item_code | | 13XL-- | | | 13 | |
| HA | Criticality Code (CC) | Criticality Code (CC) | criticality_code | CRITICALITY CODE | 1AF-- | string | | 1 | |
| HA | Defense Logistics Services Center (DLSC) Screening Requirement/ Result (DSR/R) Code: Screening Criteria Code | | defense_logistics_information_service_screening_requirement_code | | 1AF-- | string | | 1 | |
| HA | Demilitarization Code | Demilitarization Code | demilitarization_code | DEMILITARIZATION CODE (DMIL) | 1AF-- | string | | 1 | |
| HA | Document Availability Code (DAC) | | document_availability_code | | 1XF-- | string | | 1 | |
| HA | Document Identifier Code (DIC) | | document_identifier_code | | 3AF-- | string | | 3 | |
| HA | Hazardous Code | Hazardous Code | hazardous_code | HAZARDOUS CODE | 1AF-- | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HA | Hazardous Materials Storage Cost | Hazardous Materials Storage Cost | hazardous_materials_ storage_cost | | 8NR-- | integer | numbers only from 0-99999999 | [0-9]{0,8} | |
| HA | Hazardous Waste Disposal Cost | Hazardous Waste Disposal Cost | hazardous_waste_disposal_ cost | | 8NR-- | integer | numbers only from 0-99999999 | [0-9]{0,8} | |
| HA | Hazardous Waste Storage Cost | Hazardous Waste Storage Cost | hazardous_waste_storage_ cost | | 8NR-- | integer | numbers only from 0-99999999 | [0-9]{0,8} | |
| HA | | | hazardous_waste_cost_ currency_code | | | string | | 3 | New element in 0007 Revision B. |
| HA | Industrial Materials Analysis of Capacity (IMAC) | | industrial_materials_ analysis_of_capacity | | 19XL-- | string | | 19 | |
| HA | | | item_class_of_ supply | | | string | | 4 | New element for Revision B |
| HA | | | item_subclass | | | string | | 1 | New element for Revision B |
| HA | Item Management Code (IMC) | | item_management_code | | 1AF-- | string | | 1 | |
| HA | Item Name Code | Item Name Code | item_name_code | ITEM NAME CODE | 5NF-- | string | | 5 | |
| HA | Item Name; Approved Item Name (AIN) | Item Name; Approved Item Name (AIN) | item_name | ITEM NAME | 19XL-- | string | | 19 | |
| HA | Line Item Number (LIN) | | line_item_number | | 6XL-- | string | | 6 | |
| HA | Material | Material | material | MATERIAL | 240XL- | string | | 240 | |
| HA | Material Lead Time [Weeks] | | material_leadtime | MATERIAL LEADTIME | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HA | Material Weight [Pounds] | | material_weight | MATERIAL WEIGHT | 6NR3- | decimal | numbers only from 0-999 or from 0-999.999 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,3}) | |
| HA | National Stock Number (NSN) Federal Supply Classification (FSC) | National Stock Number (NSN) Federal Supply Classification (FSC) | national_stock_number_ federal_supply_ classification | NATIONAL STOCK NUMBER AND RELATED DATA | 4AF-- | string | | 4 | |
| HA | National Stock Number (NSN) National Item Identification Number (NIIN) | National Stock Number (NSN) National Item Identification Number (NIIN) | national_stock_number_ national_item_identification_ number | NATIONAL STOCK NUMBER AND RELATED DATA | 9NF-- | string | | 9 | |
| HA | National Stock Number (NSN) Prefix: Cognizance Code | | national_stock_number_ cognizance_code | NATIONAL STOCK NUMBER AND RELATED DATA | 2XF-- | string | | 2 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HA | National Stock Number (NSN) Prefix: Materiel Control Code | | national_stock_number_materiel_control_code | NATIONAL STOCK NUMBER AND RELATED DATA | 1XF-- | string | | 1 | |
| HA | National Stock Number (NSN) Suffix: Activity Code | | national_stock_number_activity_code | NATIONAL STOCK NUMBER AND RELATED DATA | 2XF-- | string | | 2 | |
| HA | National Stock Number (NSN) Suffix: Special Materiel Identification Code/Materiel Management Aggregation Code | | national_stock_number_special_materiel_identification_code_materiel_management_aggregation_code | NATIONAL STOCK NUMBER AND RELATED DATA | 2XF-- | string | | 2 | |
| HA | Physical Security/Pilferage Code (PS/PC) | Physical Security/ Pilferage Code (PS/PC) | physical_security_pilferage_code | CONTROLLED INVENTORY ITEM CODE(2bPilferage) | 1XF-- | string | | 1 | |
| HA | Precious Metal Indicator Code (PMIC) {PMR-2B} | Precious Metal Indicator Code (PMIC) {PMR-2B} | precious_metal_indicator_code | PRECIOUS METAL INDICATOR CODE (PMIC) | 1XF-- | string | | 1 | |
| HA | Production Lead Time (PLT) [Months] | Production Lead Time (PLT) [Months] | production_lead_time | PRODUCTION LEAD TIME (PLT) | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| HA | Program Parts Selection List (PPSL) | | program_parts_selection_list | PROGRAM PARTS SELECTION LIST (PPSL) | 1AF-- | string | | 1 | |
| HA | | | | PROVISIONING LIST CATEGORY CODE (PLCC) | | | | | |
| HA | Provisioning List Category Code (PLCC), Authorization Stockage List Item | Provisioning List Category Code (PLCC), Authorization Stockage List Item | authorization_stock_list | PROVISIONING LIST CATEGORY CODE | 1AF-- | String | | 1 | |
| HA | Provisioning List Category Code (PLCC), Common & Bulk Items | Provisioning List Category Code (PLCC), Common & Bulk Items | common_and_bulk_item_list | PROVISIONING LIST CATEGORY CODE | 1AF-- | String | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HA | Provisioning List Category Code (PLCC), Government Furnished | Provisioning List Category Code (PLCC), Government Furnished | government_furnished_item_list | PROVISIONING LIST CATEGORY CODE | 1AF-- | String | | 1 | |
| HA | Provisioning List Category Code (PLCC), Installation & Checkout Item | Provisioning List Category Code (PLCC), Installation & Checkout Item | installation_and_checkout_item_list | PROVISIONING LIST CATEGORY CODE | 1AF-- | String | | 1 | |
| HA | Provisioning List Category Code (PLCC), Interim Released Item | Provisioning List Category Code (PLCC), Interim Released Item | interim_released_item_list | PROVISIONING LIST CATEGORY CODE | 1AF-- | String | | 1 | |
| HA | Provisioning List Category Code (PLCC), Interim Support Items | Provisioning List Category Code (PLCC), Interim Support Items | interim_support_item_list | PROVISIONING LIST CATEGORY CODE | 1AF-- | String | | 1 | |
| HA | Provisioning List Category Code (PLCC), Long Lead Time Item | Provisioning List Category Code (PLCC), Long Lead Time Item | long_lead_time_item_list | PROVISIONING LIST CATEGORY CODE | 1AF-- | String | | 1 | |
| HA | Provisioning List Category Code (PLCC), Prescribed Load List Item | Provisioning List Category Code (PLCC), Prescribed Load List Item | prescribed_load_list_item_list | PROVISIONING LIST CATEGORY CODE | 1AF-- | String | | 1 | |
| HA | Provisioning List Category Code (PLCC), Recommended Buy List Item | Provisioning List Category Code (PLCC), Recommended Buy List Item | recommended_buy_list_item_list | PROVISIONING LIST CATEGORY CODE | 1AF-- | String | | 1 | |
| HA | Provisioning List Category Code (PLCC), Repairable Items | Provisioning List Category Code (PLCC), Repairable Items | repairable_item_list | PROVISIONING LIST CATEGORY CODE | 1AF-- | String | | 1 | |
| HA | Provisioning List Category Code (PLCC), Sys. Support Pkg. Component List | Provisioning List Category Code (PLCC), Sys. Support Pkg. Component List | system_support_package_component_list | PROVISIONING LIST CATEGORY CODE | 1AF-- | String | | 1 | |
| HA | Provisioning List Category Code (PLCC), Tools & Test Equipment | Provisioning List Category Code (PLCC), Tools & Test Equipment | tools_and_test_equipment_list | PROVISIONING LIST CATEGORY CODE | 1AF-- | String | | 1 | |
| HA | Reference Number | Reference Number | reference_number | REFERENCE NUMBER | 32XL- | string | | 32 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HA | Reference Number Category Code (RNCC) | Reference Number Category Code (RNCC) | reference_number_category_code | REFERENCE NUMBER CATEGORY CODE (RNCC) | 1XF-- | string | | 1 | |
| HA | Reference Number Variation Code (RNVC)/RNFC | Reference Number Variation Code (RNVC)/RNFC | reference_number_variation_code | REFERENCE NUMBER VARIATION CODE | 1NF-- | integer | numbers only from 0-9 | [0-9]{1} | |
| HA | Shelf Life (SL) Code | Shelf Life (SL) Code | shelf_life | SHELF LIFE (SL) | 1XF-- | string | | 1 | |
| HA | Shelf Life Action Code (SLAC) | Shelf Life Action Code (SLAC) | shelf_life_action_code | SHELF LIFE ACTION CODE (SLAC) | 2XF-- | string | | 2 | |
| HA | Spares Acquisition Integrated with Production (SAIP) | Spares Acquisition Integrated with Production (SAIP) | spares_acquisition_integrated_with_production | SPARES ACQUISITION INTEGRATED WITH PRODUCTION (SAIP) | 1AF-- | string | | 1 | |
| HA | Special Maintenance Item Code (SMIC) | Special Maintenance Item Code (SMIC) | special_maintenance_item_code | SPECIAL MAINTENANCE ITEM CODE (SMIC) | 1AF-- | string | | 1 | |
| HA | Special Material Content Code (SMCC) (1st Position of Type of Item Code) | Special Material Content Code (SMCC) (1st Position of Type of Item Code) | special_material_content_code | SPECIAL MATERIAL CONTENT CODE | 1XF-- | string | | 1 | |
| HA | Unit of Issue (UI) | Unit of Issue (UI) | unit_of_issue | UNIT OF ISSUE (UI) | 2AF-- | string | | 2 | |
| HA | Unit of Issue (UI) Conversion Factor | Unit of Issue (UI) Conversion Factor | unit_of_issue_conversion_factor | UNIT OF ISSUE CONVERSION FACTOR | 5NF-- | string | | 5 | |
| HA | Unit of Measure (UM) | Unit of Measure (UM) | unit_of_measure | UNIT OF MEASURE (UM) | 2AF-- | string | | 3 | |
| HA | Unit Size: Height [Inches] | Unit Size: Height [Inches] | unit_size_height | UNIT SIZE (HEIGHT/DEPTH) | 4NR1- | decimal | numbers only from 0-999 or from 0-999.9 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,1}) | |
| HA | Unit Size: Length [Inches] | Unit Size: Length [Inches] | unit_size_length | UNIT SIZE (LENGTH) | 4NR1- | decimal | numbers only from 0-999 or from 0-999.9 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,1}) | |
| HA | Unit Size: Width [Inches] | Unit Size: Width [Inches] | unit_size_width | UNIT SIZE (WIDTH) | 4NR1- | decimal | numbers only from 0-999 or from 0-999.9 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,1}) | |
| HA | Unit Weight [Pounds] | Unit Weight [Pounds] | unit_weight | UNIT WEIGHT | 5X--- | string | | 5 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HA | | CALIBRATION MARKER (AECMA 2000M TEI CMK) | | | | | | | |
| HA | | CLASS OF STORE | | | | | | | |
| HA | | DOMESTIC MANAGEMENT CODE (AECMA 2000M TEI DMC) | | | | | | | |
| HA | | DRAUGHT | | | | | | | |
| HA | | DRAUGHT UNIT OF MEASURE | | | | | | | |
| HA | | ELECTRO-STATIC SENSITIVE DEVICE (AECMA 2000M TEI ESD) | | | | | | | |
| HA | | ENGINEER-ING RECORD CARD | | | | | | | |
| HA | | FITMENT CODE (AECMA 2000M TEI CMK) | | | | | | | |
| HA | | HAZARDOUS MATERIAL (AECMA 2000MTEI HAZ) | | | | | | | |
| HA | | Hazardous Materials Storage Cost CURRENCY CODE | | | | | | | |
| HA | | Hazardous Waste Disposal Cost CURRENCY CODE | | | | | | | |
| HA | | Hazardous Waste Storage Cost CURRENCY CODE | | | | | | | |
| HA | | ITEM TYPE (AECMA 2000M TEI ITY) | | | | | | | |
| HA | | LIFTING CATEGORY | | | | | | | |
| HA | | NEW/EXISTING ITEM | | | | | | | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HA | | POOL ITEM CANDIDATE (AECMA 2000M TEI SPC) | | | | | | | |
| HA | | PROCURE-MENT CODE (AECMA 2000M TEI PCD) | | | | | | | |
| HA | | PROVISIONING PACKAGING LEVEL CODE | | | | | | | |
| HA | | REFERENCE NUMBER JUSTIFICATION CODE (AECMA 2000M TEI RNJ) | | | | | | | |
| HA | | SOFTWARE DSLOC MEASURED | | | | | | | |
| HA | | SOFTWARE DSLOC PREDICTED | | | | | | | |
| HA | | SOFTWARE IPR HOLDER | | | | | | | |
| HA | | SOFTWARE PROGRAM SIZE MEASURED | | | | | | | |
| HA | | SOFTWARE PROGRAM SIZE PREDICTED | | | | | | | |
| HA | | SOFTWARE RELEASE FREQUENCY | | | | | | | |
| HA | | SOFTWARE TOTAL MEMORY REQUIRED | | | | | | | |
| HA | | SOFTWARE VERSION NUMBER | | | | | | | |
| HA | | SPARE PARTS CLASSIFICA-TION (AECMA 2000M TEI SPC) | | | | | | | |
| HA | | SPECIFICA-TION/DRAWING NUMBER | | | | | | | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HA | | SUPPLY MANAGEMENT ORGANIZATION LOGISTIC DECISION OFFICE | | | | | | | |
| HA | | UNIT SIZE UOM | | | | | | | |
| HA | | UNIT WEIGHT UOM | | | | | | | |
| HA | | UPKEEP BY EXCHANGE/ DIRECT EXCHANGE | | | | | | | |
| HB | Additional Ref. Number (ARN) Item Ref. No. | Additional Ref. Number (ARN) Item Ref. No. | additional_reference_ number_item_reference_ number | REFERENCE NUMBER - ARN ITEM | 32XL-F | string | | 32 | |
| HB | Additional Reference Number (ARN) | Additional Reference Number (ARN) | additional_reference_ number | REFERENCE NUMBER - ARN ITEM | 32XL-K | string | | 32 | |
| HB | Additional Reference Number (ARN) CAGE Code {2B}; FSCM {2A} | Additional Reference Number (ARN) CAGE Code {2B}; FSCM {2A} | additional_reference_ number_commercial_and_ government_entity_code | COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE - ARN ITEM | 5XF-F | string | | 5 | |
| HB | Additional Reference Number (ARN) Item CAGE Code | Additional Reference Number (ARN) Item CAGE Code | additional_reference_ number_item_commercial_ and_government_entity_ code | COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE - ARN ITEM | 5XF-F | string | | 5 | |
| HB | Additional Reference Number Category Code (Additional RNCC) | Additional Reference Number Category Code (Additional RNCC) | additional_reference_ number_reference_number_ category_code | REFERENCE NUMBER CATEGORY CODE - ARN ITEM | 1XF-- | string | | 1 | |
| HB | Additional Reference Number Variation Code (Additional RNVC) | Additional Reference Number Variation Code (Additional RNVC) | additional_reference_ number_reference_number_ variation_code | REFERENCE NUMBER VARIATION CODE - ARN ITEM | 1NF-- | integer | numbers only from 0-9 | [0-9]{1} | |
| HBA | | | commercial_and_ government_entity_code | | | string | | 5 | New Entity for multiple national stock numbers. Revision B. |
| HBA | | | reference_number | | | string | | 32 | New Entity for multiple national stock numbers. Revision B. |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HBA | | | national_stock_number_federal_supply_classification | | | string | | 4 | New Entity for multiple national stock numbers. Revision B. |
| HBA | | | national_stock_number_national_item_identification_number | | | string | | 9 | New Entity for multiple national stock numbers. Revision B. |
| HBA | | | national_stock_number_cognizance_code | | | string | | 2 | New Entity for multiple national stock numbers. Revision B. |
| HBA | | | national_stock_number_materiel_control_code | | | string | | 1 | New Entity for multiple national stock numbers. Revision B. |
| HBA | | | national_stock_number_activity_code | | | string | | 2 | New Entity for multiple national stock numbers. Revision B. |
| HBA | | | national_stock_number_special_materiel_identification_code_materiel_management_aggregation_code | | | string | | 2 | New Entity for multiple national stock numbers. Revision B. |
| HBA | | | national_stock_number_commercial_and_government_entity_code | | | string | | 5 | New Entity for multiple national stock numbers. Revision B. |
| HBA | | | national_stock_number_reference_number | | | string | | 32 | New Entity for multiple national stock numbers. Revision B. |
| HBA | | | national_stock_number_reference_number_variation_code | | | integer | numbers only from 0-9 | [0-9]{1} | New Entity for multiple national stock numbers. Revision B. |
| HBA | | | national_stock_number_reference_number_category_code | | | string | | 1 | New Entity for multiple national stock numbers. Revision B. |
| HBA | | | justification | | | string | | No limit | New Entity for multiple national stock numbers. Revision B. |
| HC | Contractor Technical Information Code (CTIC) CAGE Code | | contractor_technical_information_code_commercial_and_government_entity_code | | 5XF-F | string | | 5 | |
| HC | Item Commercial & Government Entity (CAGE) Code | | commercial_and_government_entity_code | | 5XF-F | string | | 5 | |
| HC | Item Reference Number | | item_reference_number | | 32XL-F | string | | 32 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HD | Commercial & Government Entity (CAGE) Code | Commercial & Government Entity (CAGE) Code | commercial_and_ government_entity_code | | 5XF-F | string | | 5 | |
| HD | Reference Number | Reference Number | reference_number | | 32XL- | string | | 32 | |
| HD | UI Price Concurrent Production Code | UI Price Concurrent Production Code | price_concurrent_production _code | | 1AF-- | string | | 1 | |
| HD | Unit of Issue (UI) Price | Unit of Issue (UI) Price | | UNIT OF ISSUE/UNIT OF MEASURE PRICE | 10NR2K | | | | Field consolidated into unit_price. |
| HD | Unit of Issue (UI) Price Fiscal Year | Unit of Issue (UI) Price Fiscal Year | price_fiscal_year | | 2NF-- | string | | 2 | |
| HD | Unit of Issue (UI) Price Lot Quantity, From | Unit of Issue (UI) Price Lot Quantity, From | price_lot_quantity_from | | 6NR-- | integer | numbers only from 0-999999 | [0-9]{0,6} | |
| HD | Unit of Issue (UI) Price Lot Quantity, To | Unit of Issue (UI) Price Lot Quantity, To | price_lot_quantity_to | LOT QUANTITY | 6NR-- | integer | numbers only from 0-999999 | [0-9]{0,6} | |
| HD | Unit of Issue (UI) Price Provisioning | Unit of Issue (UI) Price Provisioning | price_provisioning | PROVISIONING PRICE CODE | 1AF-- | string | | 1 | |
| HD | Unit of Issue (UI) Price Type of Price Code | | price_type_of_price_code | TYPE OF PRICE CODE | 1AF-- | string | | 1 | |
| HD | | | price_type_selection | UNIT OF ISSUE/ UNIT OF MEASURE CODE | | string | | 1 | New element to indicate whether price is a UM or UI price. |
| HD | | | unit_price | | | integer | numbers only from 0-99999999999 | [0-9]{0,11} | Accommodates UI and UM Price based on table_type. |
| HD | | UNIT OF ISSUE PRICE CURRENCY CODE | currency_code | | | string | | 3 | New element in 0007 Revision B. |
| HD | | MINIMUM SALES QUANTITY (AECMA 2000M TEI MSQ) | | | | | | | |
| HD | | PDB 2 UI PRICE LOT QUANTITY FROM | | | | | | | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HD | | PDB 2 UI PRICE LOT QUANTITY TO | | | | | | | |
| HD | | PDB 3 UI PRICE LOT QUANTITY FROM | | | | | | | |
| HD | | PDB 3 UI PRICE LOT QUANTITY TO | | | | | | | |
| HD | | TYPE OF PRICE (AECMA 2000M TEI TOP) | | | | | | | |
| | | | | | | | | | |
| HE | Commercial & Government Entity (CAGE) Code | Commercial & Government Entity (CAGE) Code | | | 5XF-F | | | | Table HE consolidated into Entity HD. |
| HE | Reference Number | Reference Number | | | 32XL- | | | | Table HE consolidated into Entity HD. |
| HE | Unit of Measure (UM) Price | Unit of Measure (UM) Price | | | 10NR2K | | | | Table HE consolidated into Entity HD. |
| HE | Unit of Measure (UM) Price Concurrent Production Code (CPC) | Unit of Measure (UM) Price Concurrent Production Code (CPC) | | | 1AF-- | | | | Table HE consolidated into Entity HD. |
| HE | Unit of Measure (UM) Price Fiscal Year | Unit of Measure (UM) Price Fiscal Year | | | 2NF-- | | | | Table HE consolidated into Entity HD. |
| HE | Unit of Measure (UM) Price Lot Quantity, From | Unit of Measure (UM) Price Lot Quantity, From | | | 6NR-- | | | | Table HE consolidated into Entity HD. |
| HE | Unit of Measure (UM) Price Lot Quantity, To | Unit of Measure (UM) Price Lot Quantity, To | | | 6NR-- | | | | Table HE consolidated into Entity HD. |
| HE | Unit of Measure (UM) Price Provisioning | Unit of Measure (UM) Price Provisioning | | | 1AF-- | | | | Table HE consolidated into Entity HD. |
| HE | Unit of Measure (UM) Price Type of Price Code | | | | 1AF-- | | | | Table HE consolidated into Entity HD. |
| HE | | Unit of Measure (UM) Price CURRENCY CODE | | | | | | | Table HE consolidated into Entity HD. |
| HF | Cleaning & Drying Procedures | | cleaning_and_drying_ procedures | CLEANING AND DRYING PROCEDURE | 1XF-- | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HF | Commercial & Government Entity (CAGE) Code | Commercial & Government Entity (CAGE) Code | commercial_and_ government_entity_code | COMMERICIAL AND GOVERNMENT ENTITY CODE | 5XF-F | string | | 5 | |
| HF | Container National Stock Number (NSN) | Container National Stock Number (NSN) | container_national_stock_ number | CONTAINER NATIONAL STOCK NUMBER | 20XF-- | string | | 20 | |
| HF | Cushioning & Dunnage Material Code | | cushioning_and_dunnage_ material | CUSHIONING AND DUNNAGE MATERIAL CODE | 2XF-- | string | | 2 | |
| HF | Cushioning Thickness (CT) Code | | cushioning_thickness | CUSHIONING THICKNESS | 1XF-- | string | | 1 | |
| HF | Degree of Protection (DOP) Code/ITEM PACKAGING LEVEL CODE | Degree of Protection (DOP) Code/ITEM PACKAGING LEVEL CODE | | DEGREE OF PROTECTION CODE | 1AF-K | | | | Data element no longer required under MIL-STD-2073-1. Deleted from 0007. |
| HF | Intermediate Container Code | | intermediate_container_ code | INTERMEDIATE CONTAINER CODE | 2XF-- | string | | 2 | |
| HF | Intermediate Container Quantity | | intermediate_container_ quantity | INTERMEDIATE CONTAINER QUANTITY | 3AF-- 3NR-- | string | | 3 | |
| HF | Method of Preservation Code | Method of Preservation Code | method_of_preservation_ code | METHOD OF PRESERVATION | 2XF-- | string | | 2 | |
| HF | Optional Procedure Indicator | | optional_procedures_ indicator | OPTIONAL PROCEDURE INDICATOR | 1XF-- | string | | 1 | |
| HF | Packaging Category Code | | packaging_category_code | PACKAGING CATEGORY CODE | 4XF-- | string | | 4 | |
| HF | Packaging Data Preparer CAGE Code | | packaging_data_preparer_ commercial_and_ government_entity | COMERCIAL AND GOVERNMENT ENTITY CODE PACKAGING DATA PREPARER | 5XF-- | string | | 5 | |
| HF | Packing Code | | military_packing_code | PACKING CODE | 3XF-- | string | | 2 | Packing code is now defined by military_packing code and minimal_packing_code |
| HF | | | minimal_packing_code | | | String | | 1 | Packing code is now defined by military_packing code and minimal_packing_code |
| HF | Preservation Material Code | Preservation Material Code | preservation_material_code | PRESERVATION MATERIAL CODE | 2XF-- | string | | 2 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HF | Quantity Per Unit Pack (QUP) | Quantity Per Unit Pack (QUP) | quantity_per_unit_pack | QUANTITY PER UNIT PACK | 3X--- | string | | 3 | |
| HF | Reference Number | Reference Number | reference_number | | 32XL- | string | | 32 | |
| HF | Special Marking Code | | special_marking_code | SPECIAL MARKING CODE | 2XF-- | string | | 2 | |
| HF | Special Packaging Instructions (SPI) Number | | special_packaging_ instruction_number | SPECIAL PACKAGING INSTRUCTION NUMBER | 10XL-- | string | | 10 | |
| HF | Special Packaging Instructions (SPI) Number, Julian Date | | special_packaging_ instruction_number_julian_ date | JULIAN DATE - SPI NUMBER | 5NF-- | string | | 5 | |
| HF | Special Packaging Instructions (SPI) Number, Revision | | special_packaging_ instruction_number_revision | SPECIAL PACKAGING INSTRUCTION NUMBER REVISION | 1AF-- | string | | 1 | |
| HF | Supplemental Packaging Data | Supplemental Packaging Data | supplemental_packaging_ data | SUPPLEMENTAL PACKAGING DATA | 59XL-- | string | | 59 | |
| HF | Unit Container Code | Unit Container Code | unit_container_code | UNIT CONTAINER CODE | 2XF-- | string | | 2 | |
| HF | Unit Container Level | Unit Container Level | unit_container_level | UNIT CONTAINER LEVEL | 1AF-- | string | | 1 | |
| HF | Unit Pack Cube | Unit Pack Cube | maximum_unit_pack_cube | UNIT PACK CUBE | 7NR3- | decimal | numbers only from 0-9999 or from 0-9999.999 | ([0-9]{0,4})\|([0-9]{0,4}\.[0-9]{0,3}) | Element name and meaning changed in 0007. |
| HF | Unit Pack Size: Depth [Inches] | Unit Pack Size: Depth [Inches] | maximum_unit_pack_depth | UNIT SIZE | 4NR1- | decimal | numbers only from 0-999 or from 0-999.9 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,1}) | Element name and meaning changed in 0007. |
| HF | Unit Pack Size: Length [Inches] | Unit Pack Size: Length [Inches] | maximum_unit_pack_length | UNIT SIZE | 4NR1- | decimal | numbers only from 0-999 or from 0-999.9 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,1}) | Element name and meaning changed in 0007. |
| HF | Unit Pack Size: Width [Inches] | Unit Pack Size: Width [Inches] | maximum_unit_pack_width | UNIT SIZE | 4NR1- | decimal | numbers only from 0-999 or from 0-999.9 | ([0-9]{0,3})\|([0-9]{0,3}\.[0-9]{0,1}) | Element name and meaning changed in 0007. |
| HF | Unit Pack Weight | Unit Pack Weight | maximum_unit_pack_weight | | 5X--- | string | | 5 | Element name and meaning changed in 0007. |
| HF | Wrapping Material | | wrapping_material | WRAPPING MATERIAL | 2XF-- | string | | 2 | |
| HF | | CATEGORY 1 CONTAINER MANUFACTURER CAGE CODE | | | | | | | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HF | | CATEGORY 1 CONTAINER REFERENCE NUMBER | | | | | | | |
| HF | | PACKAGE MARKING CODE | | | | | | | |
| HF | | PROCEDURAL PACKAGING SPECIFICATION CODE | | | | | | | |
| HF | | SERVICE PACKAGING INSTRUCTION SHEET (SPIS) NUMBER | | | | | | | |
| HF | | SERVICE PACKAGING INSTRUCTION SHEET (SPIS) REVSION STATUS | | | | | | | |
| HF | | SPECIAL STORAGE (AECMA 2000M TEI STR) | | | | | | | |
| HF | | SPIS DATE | | | | | | | |
| HF | | STANDARD PACKAGE QUANTITY (AECMA 2000M TEI SPQ) | | | | | | | |
| HF | | UNIT PACK SIZE UOM | | | | | | | |
| HF | | Unit Pack Weight UOM | | | | | | | |
| HG | Allowance Item Code (AIC) | Allowance Item Code (AIC) | allowance_item_code | ALLOWANCE ITEM CODE (AIC) | 2AF-- | string | | 2 | |
| HG | Allowance Item Quantity/Basic Issue Item List (BIIL) Quantity | Allowance Item Quantity/Basic Issue Item List (BIIL) Quantity | allowance_item_quantity | ALLOWANCE ITEM QUANTITY | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| HG | Commercial & Government Entity (CAGE) Code | Commercial & Government Entity (CAGE) Code | commercial_and_government_entity_code | | 5XF-F | string | | 5 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HG | Data Status Code | Data Status Code | data_status_code | | 1AF-- | string | | 1 | |
| HG | Designated Rework Point (DRP) One | Designated Rework Point (DRP), First Sub-Field [Overhaul] | designated_rework_point_one | | 6XL-- | string | | 6 | |
| HG | Designated Rework Point (DRP), Two | Designated Rework Point (DRP), Second Sub-Field [Overhaul] | designated_rework_point_two | | 6XL- | String | | 6 | |
| HG | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| HG | Essentiality Code (EC) | Essentiality Code (EC) | essentiality_code | ESSENTIALITY CODE | 1NF-- | string | | 1 | |
| HG | Hardness Critical Item (HCI) (Nuclear) | Hardness Critical Item (HCI) (Nuclear) | hardness_critical_item | HARDNESS CRITICAL ITEM (HCI) | 1AF-- | string | | 1 | |
| HG | | | identification_number | | | string | | 19 | New element from S1000D. |
| HG | Indenture Code (IND CD)/Indenture Code for Kits | Indenture Code (IND CD)/Indenture Code for Kits | indenture_code | INDENTURE CODE | 1XF-- | string | | 1 | |
| HG | Item Category Code (ICC) | Item Category Code (ICC) | item_category_code | ITEM CATEGORY CODE | 2XL-- | string | | 2 | |
| HG | Line Replaceable Unit (LRU) | Line Replaceable Unit (LRU) | line_replaceable_unit | LINE REPLACEABLE UNIT (LRU) | 1AF-- | string | | 1 | |
| HG | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| HG | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| HG | Maintenance Action Code (MAC) | Maintenance Action Code (MAC) | maintenance_action_code | MAINTENANCE ACTION CODE (MAC) | 1AF-- | string | | 1 | |
| HG | Maintenance Replacement Rate (MRR) I/Failure Factor 1 (FF1) | Maintenance Replacement Rate (MRR) I/Failure Factor 1 (FF1) | maintenance_replacement_rate_i | MAINTENANCE REPLACEMENT RATE I | 8NR4- | decimal | numbers only from 0-9999 or from 0-9999.9999 | ([0-9]{0,4})\|([0-9]{0,4}\.[0-9]{0,4}) | |
| HG | Maintenance Replacement Rate (MRR) II/Failure Factor 2 (FF2) | Maintenance Replacement Rate (MRR) II/Failure Factor 2 (FF2) | maintenance_replacement_rate_ii | MAINTENANCE REPLACEMENT RATE II | 8NR3- | decimal | numbers only from 0-99999 or from 0-99999.999 | ([0-9]{0,5})\|([0-9]{0,5}\.[0-9]{0,3}) | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HG | Maintenance Replacement Rate (MRR) Modifier | Maintenance Replacement Rate (MRR) Modifier | maintenance_replacement_rate_modifier | | 7XF-- | string | | 7 | |
| HG | Maintenance Task Distribution (MTD) at Condemnation At Depot (CAD) | Maintenance Task Distribution (MTD) at Condemnation At Depot (CAD) | condemned_at_depot_maintenance_task_distribution | MAINTENANCE TASK DISTRIBUTION | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| HG | Maintenance Task Distribution (MTD) at Condemnation Below Depot (CBD) | Maintenance Task Distribution (MTD) at Condemnation Below Depot (CBD) | condemned_below_depot_maintenance_task_distribution | MAINTENANCE TASK DISTRIBUTION | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| HG | Maintenance Task Distribution (MTD) at Depot | Maintenance Task Distribution (MTD) at Depot | depot_shipyard_maintenance_task_distribution | MAINTENANCE TASK DISTRIBUTION | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| HG | Maintenance Task Distribution (MTD) at Intermediate/ Direct Support | Maintenance Task Distribution (MTD) at Intermediate/ Direct Support | intermediate_direct_support_maintenance_task_distribution | MAINTENANCE TASK DISTRIBUTION | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| HG | Maintenance Task Distribution (MTD) at Intermediate/ General Support | Maintenance Task Distribution (MTD) at Intermediate/ General Support | intermediate_general_support_maintenance_task_distribution | MAINTENANCE TASK DISTRIBUTION | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| HG | Maintenance Task Distribution (MTD) at Organization | Maintenance Task Distribution (MTD) at Organization | organizational_maintenance_task_distribution | MAINTENANCE TASK DISTRIBUTION | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| HG | Maintenance Task Distribution (MTD) at Specialized Repair Activity (SRA) | Maintenance Task Distribution (MTD) at Specialized Repair Activity (SRA) | special_repair_activity_maintenance_task_distribution | MAINTENANCE TASK DISTRIBUTION | 2NR-- | integer | numbers only from 0-99 | [0-9]{0,2} | |
| HG | Maximum Allowable Operating Time (MAOT) | Maximum Allowable Operating Time (MAOT) | maximum_allowable_operating_time | MAXIMUM ALLOWABLE OPERATING TIME (MAOT) | 4X--- | string | | 4 | |
| HG | Minimum Replacement Unit (MRU) | | minimum_replacement_unit | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HG | Not Reparable This Station (NRTS) | Not Reparable This Station (NRTS) | not_repairable_this_station | NOT REPARABLE THIS STATION (NRTS) | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Prior Item Provisioning List Item Sequence Number (PLISN) | Prior Item Provisioning List Item Sequence Number (PLISN) | prior_item_provisioning_list_item_sequence_number | PRIOR ITEM PROVISIONING LIST ITEM SEQUENCE NUMBER (PRIOR ITEM PLISN) | 5XL-- | string | | 5 | |
| HG | Prov'g Tech Doc (PTD) Select'n Cd: As Required, List A | Prov'g Tech Doc (PTD) Select'n Cd: As Required, List A | as_required_list_a_provisioning_technical_documentation | | 1AF-- | string | | 1 | |
| HG | Prov'g Tech Doc (PTD) Select'n Cd: As Required, List B | Prov'g Tech Doc (PTD) Select'n Cd: As Required, List B | as_required_list_b_provisioning_technical_documentation | | 1AF-- | string | | 1 | |
| HG | Prov'g Tech Doc (PTD) Select'n Cd: Common & Bulk Items List (CBIL) | Prov'g Tech Doc (PTD) Select'n Cd: Common & Bulk Items List (CBIL) | common_and_bulk_items_list_provisioning_technical_documentation | | 1AF-- | string | | 1 | |
| HG | Prov'g Tech Doc (PTD) Select'n Cd: Interim Support Items List (ISIL) | Prov'g Tech Doc (PTD) Select'n Cd: Interim Support Items List (ISIL) | interim_support_items_list_provisioning_technical_documentation | | 1AF-- | string | | 1 | |
| HG | Prov'g Tech Doc (PTD) Select'n Cd: Long Lead Time Items List (LLTIL) | Prov'g Tech Doc (PTD) Select'n Cd: Long Lead Time Items List (LLTIL) | long_lead_time_items_list_provisioning_technical_documentation | | 1AF-- | string | | 1 | |
| HG | Prov'g Tech Doc (PTD) Select'n Cd: Post Conference List (PCL) | Prov'g Tech Doc (PTD) Select'n Cd: Post Conference List (PCL) | post_conference_list_provisioning_technical_documentation | | 1AF-- | string | | 1 | |
| HG | Prov'g Tech Doc (PTD) Select'n Cd: Provisioning Parts List (PPL) | Prov'g Tech Doc (PTD) Select'n Cd: Provisioning Parts List (PPL) | provisioning_parts_list_provisioning_technical_documentation | | 1AF-- | string | | 1 | |
| HG | Prov'g Tech Doc (PTD) Select'n Cd: Repairable Items List (RIL) | Prov'g Tech Doc (PTD) Select'n Cd: Repairable Items List (RIL) | repairable_items_list_provisioning_technical_documentation | | 1AF-- | string | | 1 | |
| HG | Prov'g Tech Doc (PTD) Select'n Cd: Short Form Prov'g Parts List (SFPPL) | Prov'g Tech Doc (PTD) Select'n Cd: Short Form Prov'g Parts List (SFPPL) | short_form_provisioning_parts_list_provisioning_technical_documentation | | 1AF-- | string | | 1 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HG | Prov'g Tech Doc (PTD) Select'n Cd: System Configurat'n Prov'g List (SCPL) | Prov'g Tech Doc (PTD) Select'n Cd: System Configurat'n Prov'g List (SCPL) | system_configuration_ provisioning_parts_list_ provisioning_technical_ documentation | | 1AF-- | string | | 1 | |
| HG | Prov'g Tech Doc (PTD) Select'n Cd: Tools & Test Equipment List (TTEL) | Prov'g Tech Doc (PTD) Select'n Cd: Tools & Test Equipment List (TTEL) | tool_and_test_equipment_ list_provisioning_technical_ documentation | | 1AF-- | string | | 1 | |
| HG | Provisioning List Item Sequence Number (PLISN) | Provisioning List Item Sequence Number (PLISN) | provisioning_list_item_ sequence_number | | 5XL-- | string | | 5 | |
| HG | Provisioning System Identifier Code (PSIC) | | provisioning_system_ identifier_code | | 3XL-- | string | | 3 | |
| HG | Quantity Per Assembly (QPA) | Quantity Per Assembly (QPA) | quantity_per_assembly | QUANTITY PER ASSEMBLY (QPA) | 4X--- | string | | 4 | |
| HG | Quantity Per End Item (QPEI) | Quantity Per End Item (QPEI) | quantity_per_end_item | QUANTITY PER END ITEM (QPEI) | 5X--- | string | | 5 | |
| HG | Recommended Initial System Stock (RISS) Buy | Recommended Initial System Stock (RISS) Buy | recommended_initial_ system_stock_buy | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Recommended Minimum System Stock Level (RMSSL) | Recommended Minimum System Stock Level (RMSSL) | recommended_minimum_ system_stock_level | RECOMMENDED MINIMUM SYSTEM STOCK LEVEL | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Recommended Tender Load List (RTLL) Quantity | | recommended_tender_load _list_quantity | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Reference Number (Ref. No.) | Reference Number (Ref. No.) | reference_number | | 32XL- | string | | 32 | |
| HG | Remain-In-Place (RIP) Indicator | Remain-In-Place (RIP) Indicator | remain_in_place_indicator | | 1AF-- | string | | 1 | |
| HG | Repair Cycle Time (RCT) at Contractor | Repair Cycle Time (RCT) at Contractor | contractor_repair_cycle_ time | REPAIR CYCLE TIME | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Repair Cycle Time (RCT) at Depot | Repair Cycle Time (RCT) at Depot | depot_shipyard_repair_ cycle_time | REPAIR CYCLE TIME | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Repair Cycle Time (RCT) at Intermediate/ Direct Support | Repair Cycle Time (RCT) at Intermediate/ Direct Support | intermediate_direct_support _repair_cycle_time | REPAIR CYCLE TIME | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HG | Repair Cycle Time (RCT) at Intermediate/ General Support | Repair Cycle Time (RCT) at Intermediate/ General Support | intermediate_general_ support_repair_cycle_time | REPAIR CYCLE TIME | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Repair Cycle Time (RCT) at Organization | Repair Cycle Time (RCT) at Organization | organizational_repair_cycle _time | REPAIR CYCLE TIME | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Repair Cycle Time (RCT) at Special Repair Activity (SRA) | Repair Cycle Time (RCT) at Added Repair Activity (SRA) | special_repair_activity_ repair_cycle_time | REPAIR CYCLE TIME | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Repair Survival Rate (RSR) {2B} | Repair Survival Rate (RSR) {2B} | repair_survival_rate | | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Replacement Task Distribution (RTD) at Depot | Replacement Task Distribution (RTD) at Depot | depot_shipyard_ replacement_task_ distribution | REPLACEMENT TASK DISTRIBUTION | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Replacement Task Distribution (RTD) at Intermediate/ Direct Support | Replacement Task Distribution (RTD) at Intermediate/ Direct Support | intermediate_direct_support _replacement_task_ distribution | REPLACEMENT TASK DISTRIBUTION | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Replacement Task Distribution (RTD) at Intermediate/ General Support | Replacement Task Distribution (RTD) at Intermediate/ General Support | intermediate_general_ support_replacement_task_ distribution | REPLACEMENT TASK DISTRIBUTION | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Replacement Task Distribution (RTD) at Organization | Replacement Task Distribution (RTD) at Organization | organizational_replacement _task_distribution | REPLACEMENT TASK DISTRIBUTION | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Replacement Task Distribution (RTD) at Specialized Repair Activity (SRA) | Replacement Task Distribution (RTD) at Specialized Repair Activity (SRA) | special_repair_activity_ replacement_task_ distribution | REPLACEMENT TASK DISTRIBUTION | 3NR-- | integer | numbers only from 0-999 | [0-9]{0,3} | |
| HG | Same As Provisioning List Item Sequence Number (PLISN) | Same As Provisioning List Item Sequence Number (PLISN) | same_as_provisioning_list_ item_sequence_number | SAME AS PROVISIONING LIST | 5XL-- | string | | 5 | |
| HG | Source, Maintenance & Recoverability (SMR) Code | Source, Maintenance & Recoverability (SMR) Code | source_maintenance_and_ recoverability_code | SOURCE, MAINTENANCE AND RECOVERABILITY (SMR) CODE | 6XL-- | string | | 6 | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HG | Suppression Indicator Code | | supression_indicator | | 1AF-- | string | | 1 | |
| HG | Total Quantity Recommended | Total Quantity Recommended | total_quantity_ recommended | TOTAL QUANTITY RECOMMENDED | 6NR-- | integer | numbers only from 0-999999 | [0-9]{0,6} | |
| HG | Type Of Change Code (TOCC) | Type Of Change Code (TOCC) | type_of_change_code | TYPE OF CHANGE CODE | 1AF-- | string | | 1 | |
| HG | Work Unit Code (WUC) | Work Unit Code (WUC) | work_unit_code | WORK UNIT CODE | 7XL-- | string | | 7 | |
| HG | | | provisioning_remarks | PROVISIONING REMARKS | | string | | unlimited | Moved from Table HI in MIL-STD-1388-2B |
| HG | | ALLOWANCE-ONBOARD SPARES | | | | | | | |
| HG | | ALLOWANCES ONBOARD BACKUP SPARES | | | | | | | |
| HG | | ALLOWANCES SPARES FOR OVERHAUL | | | | | | | |
| HG | | ATTACHING, STORAGE, OR SHIPPING PART (AECMA 2000M TEI ASP) | | | | | | | |
| HG | | CSN RECOMMENDED MAINTENANCE QTY (AECMA 2000M TEI RMQ) | | | | | | | |
| HG | | CSN RECOMMENDED OVERHAUL REPAIR QTY (AECMA 2000M EI ROQ) | | | | | | | |
| HG | | EQUIPMENT USING SERVICE DESIGNATOR CODE | | | | | | | |
| HG | | IDENTIFICATION NUMBER | | | | | | | |
| HG | | PRE-ISSUE INSPECTION CODE | | | | | | | |
| HG | | PRE-ISSUE TEST | | | | | | | |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HG | | SELECT OR MANUFACTURE FROM IDENTIFIER (AECMA 2000MTEI SMF | | | | | | | |
| HG | | SELECT OR MANUFACTURE FROM RANGE (AECMA 2000M | | | | | | | |
| HG | | SOFTWARE DESIGN AUTHORITY | | | | | | | |
| HG | | SUBJECT ID CAGE CODE | | | | | | | |
| HG | | SUBJECT ID NSN | | | | | | | |
| HG | | SUBJECT ID REFERENCE NUMBER | | | | | | | |
| HG | | SUPPLY CATEGORY | | | | | | | |
| HG | | TOTAL LIFE (AECMA 2000M TEI TLF) | | | | | | | |
| HG | | TURN ROUND SPARE | | | | | | | |
| HG | | VITAL FEATURES ITEM (VFI) CODE | | | | | | | |
| HGA | | | circuit_breaker_ end_item_acronym_code | | | string | | 10 | New Entity to capture circuit breaker numbers. Revision B. |
| HGA | | | circuit_breaker_ logistics_support_analysis_ control_number | | | string | | 18 | New Entity to capture circuit breaker numbers. Revision B. |
| HGA | | | circuit_breaker_ alternate_logistics_support_ analysis_control_number_ code | | | string | | 2 | New Entity to capture circuit breaker numbers. Revision B. |
| HGA | | | circuit_breaker_ logistics_support_analysis_ control_number_type | | | string | | 1 | New Entity to capture circuit breaker numbers. Revision B. |
| HGA | | | circuit_breaker_ commercial_and_ government_entity_code | | | string | | 5 | New Entity to capture circuit breaker numbers. Revision B. |
| HGA | | | circuit_breaker_reference_ number | | | string | | 32 | New Entity to capture circuit breaker numbers. Revision B. |
| HGA | | | circuit_breaker_ identification_code | | | [A-Z0-9]{0,3} | | 3 | New Entity to capture circuit breaker numbers. Revision B. |

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| -2B Table | MIL-STD-1388-2B Field/Element Name | DEF-STAN-0060 Field/Element Name | GEIA-STD-0007 | LMI Element Name (161 total) | MIL-STD-1388 format | GEIA-STD-0007 format type | GEIA-STD-0007 plain format | GEIA-STD-0007 XML format | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|
| HH | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | alternate_logistics_support_analysis_control_number_code | | 2NF-F | string | | 2 | |
| HH | Commercial & Government Entity (CAGE) Code | Commercial & Government Entity (CAGE) Code | commercial_and_government_entity_code | | 5XF-F | string | | 5 | |
| HH | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | end_item_acronym_code | | 10XL-F | string | | 10 | |
| HH | LSA Control Number (LCN) | LSA Control Number (LCN) | logistics_support_analysis_control_number | | 18XL-F | string | | 18 | |
| HH | LSA Control Number (LCN) Type | LSA Control Number (LCN) Type | logistics_support_analysis_control_number_type | | 1AF-F | string | | 1 | |
| HH | Next Higher Assembly (NHA) PLISN Indicator | Next Higher Assembly (NHA) PLISN Indicator | next_higher_assembly_provisioning_list_item_sequence_number_indicator | NEXT HIGHER ASSEMBLY PROVISIONING LIST ITEM SEQUENCE NUMBER INDICATOR (NHA IND) | 1XF-- | string | | 1 | |
| HH | Next Higher Assembly (NHA) Provisioning List Item Sequence Number (PLISN)/Overhaul (OVHL) Kit Set PLISN | Next Higher Assembly (NHA) Provisioning List Item Sequence Number (PLISN)/Over-haul (OVHL) Kit Set PLISN | next_higher_assembly_provisioning_list_item_sequence_number | NEXT HIGHER ASSEMBLY PROVISIONING LIST ITEM SEQUENCE NUMBER (NHA PLISN) | 5XL-K | string | | 5 | |
| HH | Overhaul Replacement Rate (ORR) | Overhaul Replacement Rate (ORR) | overhaul_replacement_rate_quantity | OVERHAUL REPLACEMENT RATE (ORR) | 3NR2- | string | | 4 | Revised to accommodate a rate or quantity. Revision B. |
| HH | | | overhaul_replacement_indicator | | | string | | 1 | Added to indicate an overhaul rate or quantity. Revision B. |
| HH | Reference Number (Ref. No.) | Reference Number (Ref. No.) | reference_number | | 32XL- | string | | 32 | |
| HI | Alternate LCN Code (ALC) | Alternate LCN Code (ALC) | | | 2NF-F | | | | Table HI in MIL-STD-1388-2B collapsed into Entity HG in 0007. |
| HI | Commercial & Government Entity (CAGE) Code | Commercial & Government Entity (CAGE) Code | | | 5XF-F | | | | Table HI in MIL-STD-1388-2B collapsed into Entity HG in 0007. |
| HI | End Item Acronym Code (EIAC) | End Item Acronym Code (EIAC) | | | 10XL-F | | | | Table HI in MIL-STD-1388-2B collapsed into Entity HG in 0007. |

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