TECHNICAL REPORT

GEIA-HB-0007	
Issued 2007-08	

Logistics Product Data Handbook

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GEIA-HB-0007

GEIA ENGINEERING BULLETIN

Logistics Product Data Handbook

GEIA-HB-0007

August 2007

GOVERNMENT ELECTRONICS AND INFORMATION TECHNOLOGY ASSOCIATION

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Logistics Product Data Handbook

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-	Initial Release	Aug 2007

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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. 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-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 that 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 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. 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.

Finally, 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 information in DEF STAN 0060. The contracting aspects of this handbook make use of the data item descriptions contained in MIL-PRF-49506. 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 did not define data transfer formats or report formats. It describes information required by the government to perform acquisition logistics management functions. Its principal focus is on providing the DOD a contractual method for acquiring support and the support-related reengineering and logistics data from contractors.

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 utilizing buying 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 support in the transfer of data for the following metrics related to the DODs TLCSM and PBL metrics as follows:

- Operational Availability. The percent of time that a weapon system is available for a mission or ability to sustain operations tempo. 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.

- Mission Reliability. The measure of a weapon system in meeting mission success objectives (percent of objectives met, by weapon system). Depending on the weapon system, a mission objective would be a sortie, tour, launch, destination reached, capability, etc. 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, provide a basis for establishing the Mission Reliability metric.

- 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 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 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. The 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-1333-2B	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-927	Common Data Schema for Complex Systems
DEF STAN 00-60	Integrated Logistics Support
STEP 10303	Standard for Exchange of Product Data
ATA iSPEC 2200	Information Standards for Aviation Maintenance
S1000D	International Specification for Technical Publications Using a Common Source Database
No Number	Defense Acquisition Guidebook

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 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 five life cycle phases:

- Concept Refinement,
- Technology Development,
- System Development and Demonstration,
- Production and Deployment and
- Operations and Support.

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 Concept Refinement, Technology Development and System development and Demonstration 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 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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Concept Refinement Phase

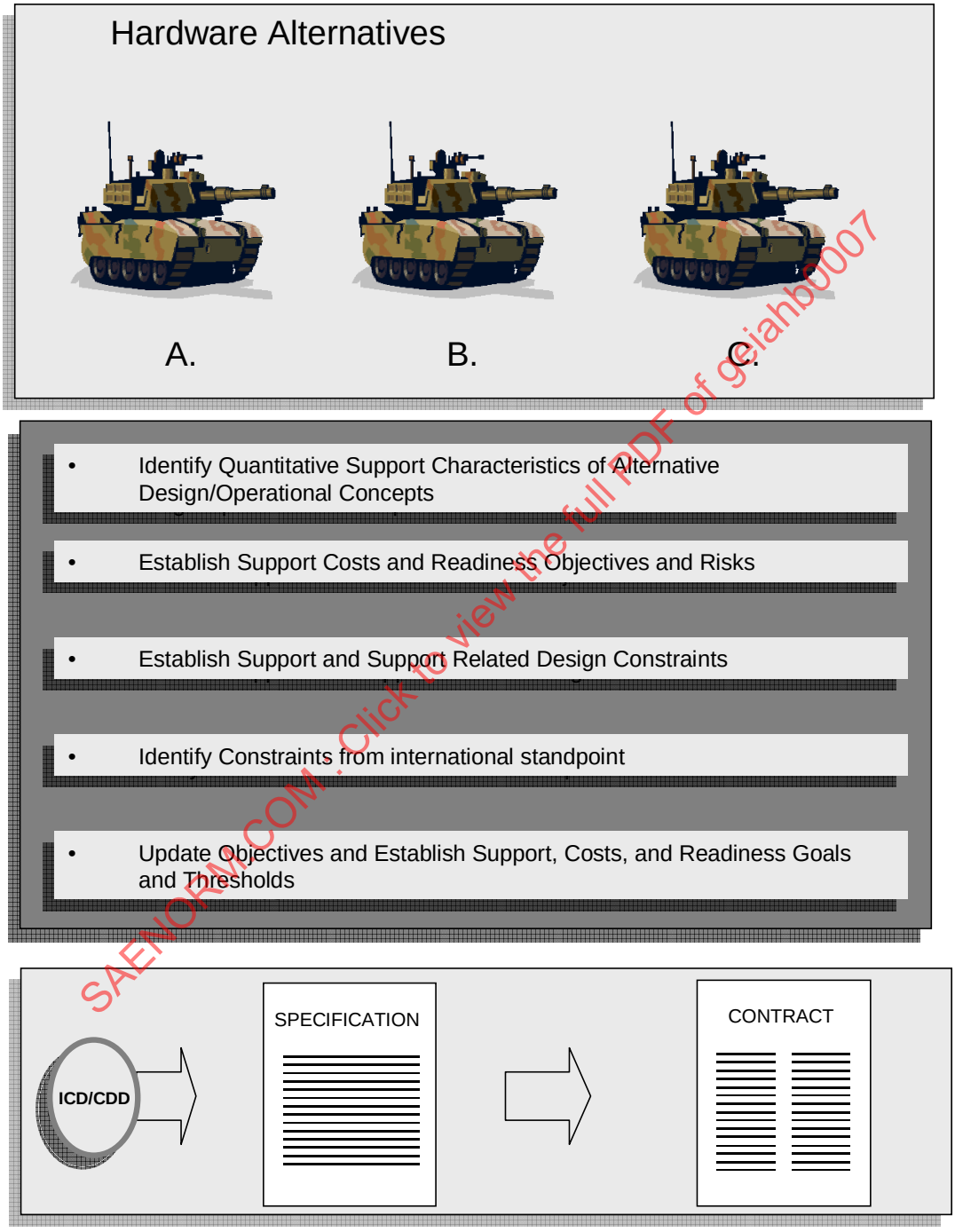


Figure 1 – Concept Refinement Phase

2.1 Life Cycle Phase: Concept Refinement Phase/Generate Support Solution

2.1.1 DOD Life Cycle Framework Analyses:

Perform use study
Perform comparative analysis
Identify support system standardization opportunities
Define supportability factors
Conduct initial functional requirements analysis

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 Concept Refinement 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) that are used to develop the supportability specifications that are placed in development contracts.

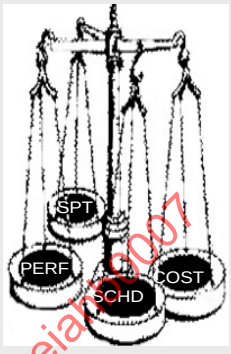
2.1.3 Logistics Product Data Generated (by Entity):

XA – End Item Acronym
XB – Logistics Support Analysis Control Number Indentured Item
XC – System/End Item identification
AA – Operations and Maintenance Requirements
AB – Reliability, Availability, & Maintainability
AC – Maintenance Level Requirement
AD – Organizational Level Requirement
AE – Skill Operations and Maintenance Requirement
AF – War Peace Additional Requirements Narrative
AG – Reliability Requirement
AH – Interoperability Requirement
AI – Modeling Data
AJ – Operations and Maintenance Shipping Requirements
AK – System End Item Narrative

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

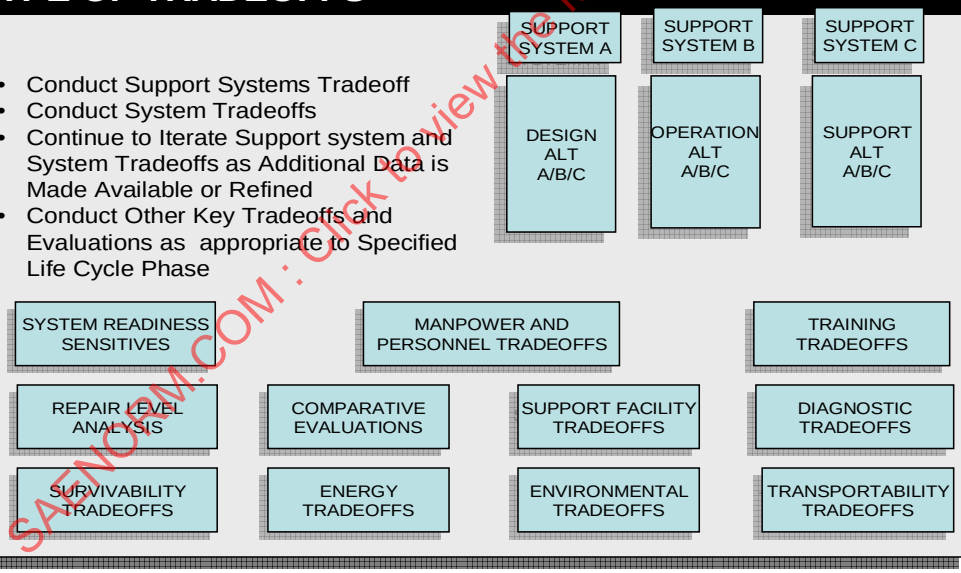


Figure 2 – Technology Development Phase

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

2.2.1 DOD Life Cycle Framework Analyses:

Update comparative analysis
Define Functional Requirements
Conduct support System Tradeoff Analysis
    Initiate level of repair tradeoffs
    Initiate cost analyses
Conduct sensitivity Analysis
Identify support system standardization requirements
Initiate task analysis

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

SYSTEM DEVELOPMENT & DEMONSTRATION PHASE

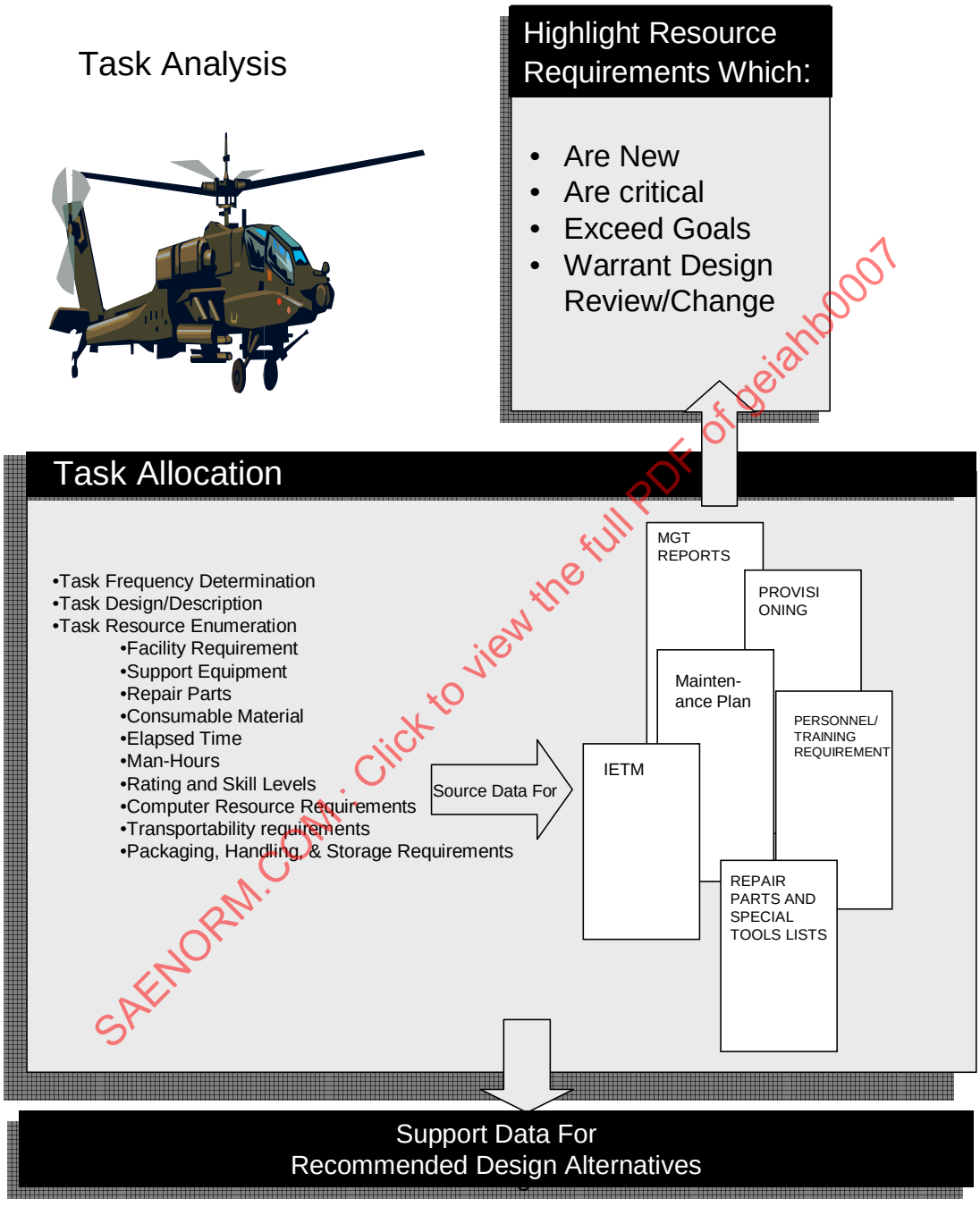


Figure 3 – System Development Phase

2.3 Life Cycle Phase: System Development & Demonstration Phase/Generate Support Solution

2.3.1 DOD Life Cycle Framework Analyses:

Update Functional Requirements
Perform Failure Modes Effects and Criticality Analysis
Perform Failure Tree Analysis
Perform Reliability Centered Maintenance Analysis
Update and refine Task Analysis
Perform Level of Repair Analysis
Conduct Supportability Test, Evaluation, and Verification

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 System Development & Demonstration Phase/Design Support Solution Activity. The purposes of System Development and Demonstration 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
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
CJ – Job and Duty Assignments
CK – Task Inventory
CL – Task/Subtask Associated Narrative
CM – Electronic Documentation
CN – Maintenance Procedure Inventory
CO – Maintenance Procedure Task Sequence
CQ – Subtask Document Data
HA – Item Identification
HB – Additional Reference Numbers
HC – Contractor Technical Information Code (CAGE)
HD – Price
HG – Part Application Provisioning
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

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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

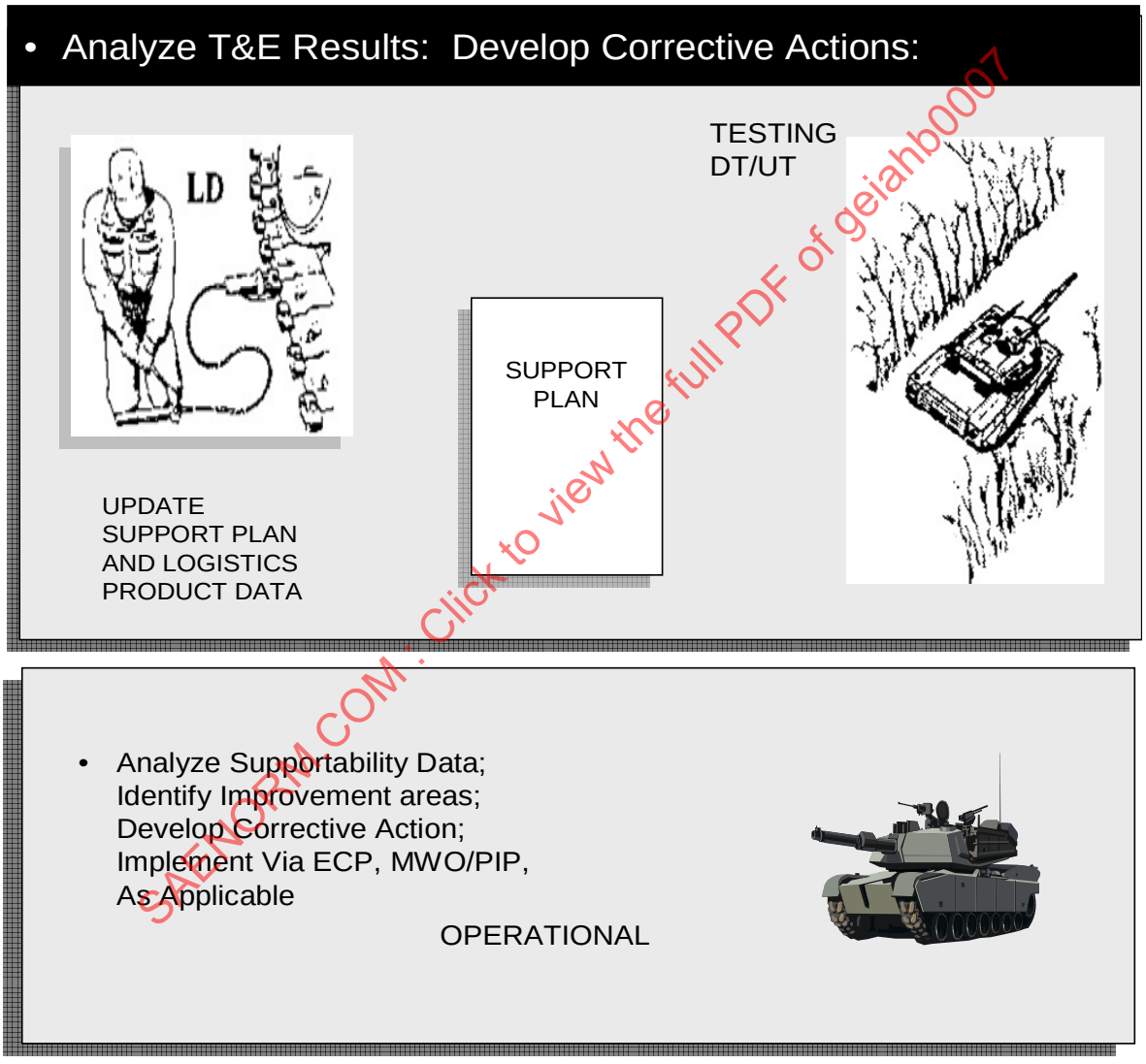


Figure 4 – Production & Deployment Phase

2. 4 Life Cycle Phase: Production & Deployment Phase/Commission Support System

2.4.1 DOD Life Cycle Framework Analyses:

Conduct Supportability Test, Evaluation, and Verification
Establish Provisioning Requirements
Perform Provisioning Screening
Perform early fielding analysis

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):

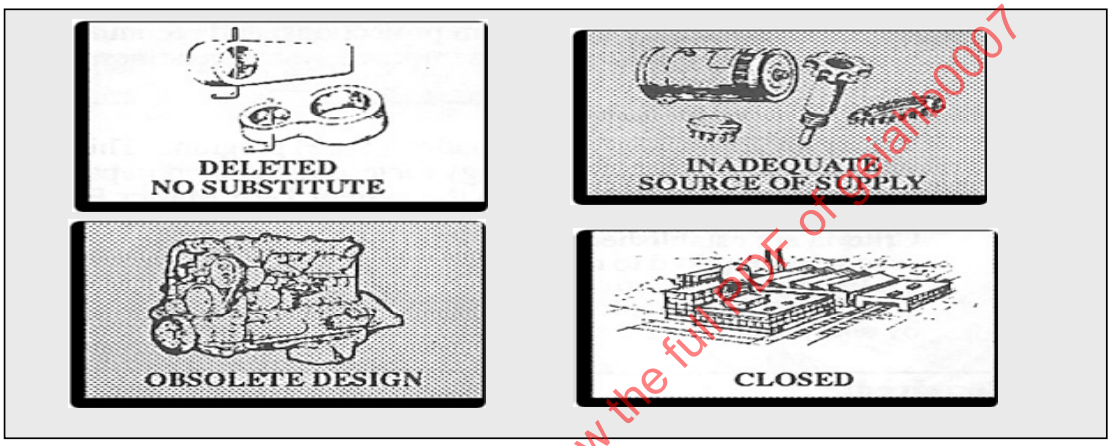
"X" Entities to the indenture level commensurate with the analysis
HA – Item Identification
HB – Additional Reference Numbers
HC – Contractor Technical Information Code CAGE
HD – Price
HF – Item Packaging Requirement
HG – Part Application Provisioning
HH – Overhaul-Kit Next Higher Assembly PLISN
HJ – 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

Operation & Support Phase

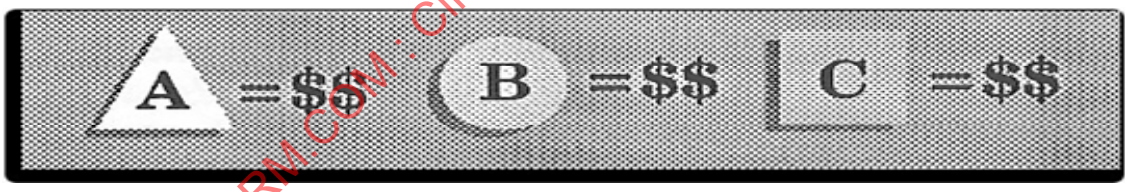
Subtasks:

- 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

2.5 Operation & Support Phase/Provide Support

2.5.1 DOD Life Cycle Framework Analyses:

Perform Materiel Fielding Analysis
Perform Post Product Support Analysis

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 an 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

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.

Primary Use:
The "X" entities provide the primary key fields for entry, storage and transfer of Logistics Product Data.

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 Concept Refinement/Generate Support Solution Phase. The “A” entity should be completed during Concept Refinement 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 Concept Refinement Phase.

Data Source, Functional Responsibility/Interface Requirements:
“A” entity information is normally developed by the Requiring Authority/Customer 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 Report. As data is updated, it is included in the Development Capabilities 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 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 Refinement/Generate Support Solution Phase as results of R&M Analyses. This analysis is selectively applicable during Concept Refinement/Generate Support Solution but may be deferred to the Technology Refinement/Generate Support Solution Phase. Analysis results must be available to initiate Task Analysis, which may be selectively applied in the Technology Refinement/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, initiated by the Requiring Authority/Customer, during Concept Refinement/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 reports/analyses; are used to assess achievement of R&M goals; and indicate corrective actions needed when specified requirements are not being met.

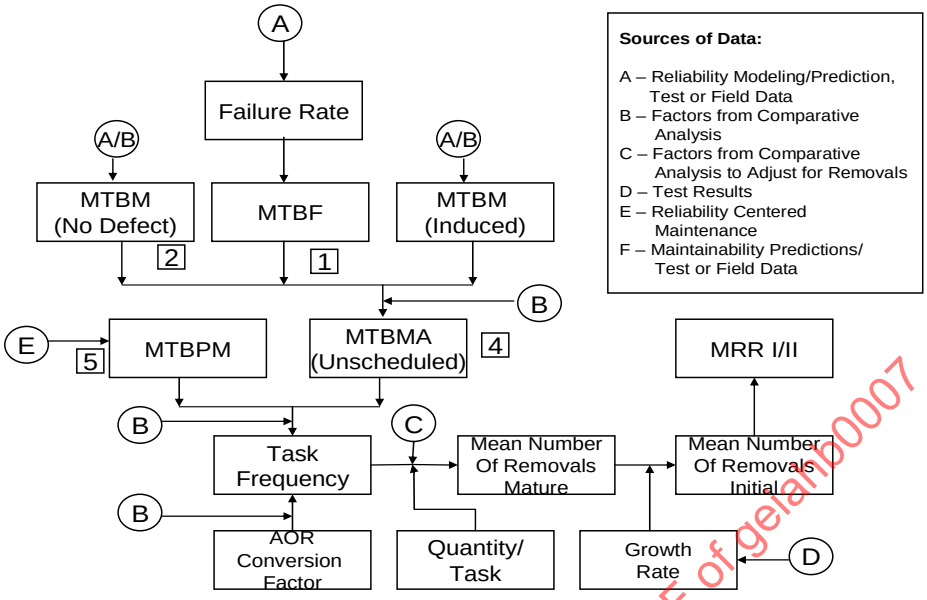


Figure 6 – Reliability Parameter Relationships

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

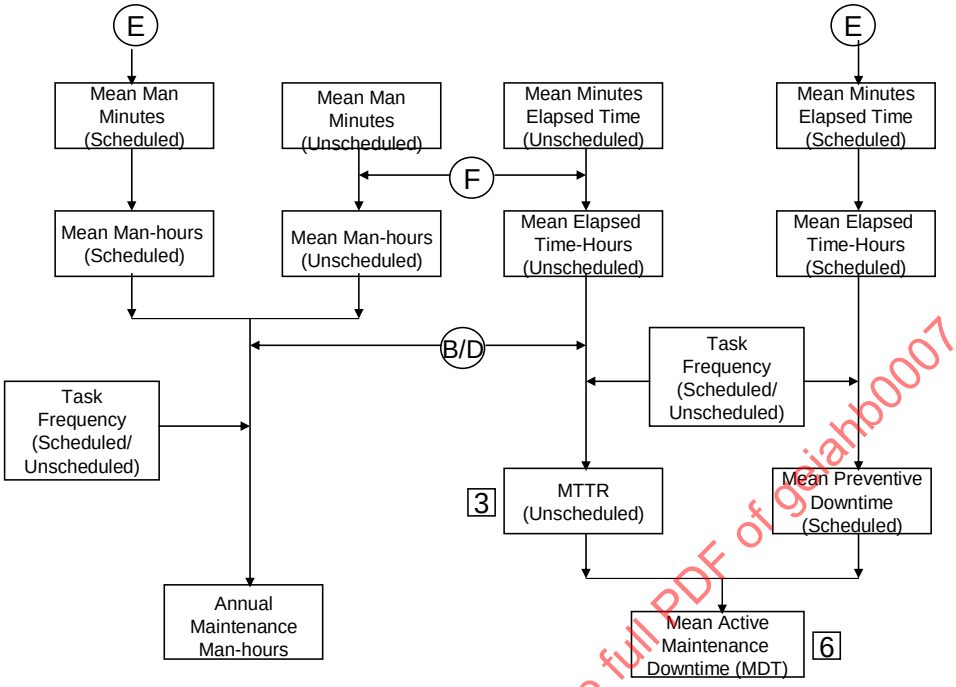


Figure 7 – Maintainability Parameter Relationships

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.

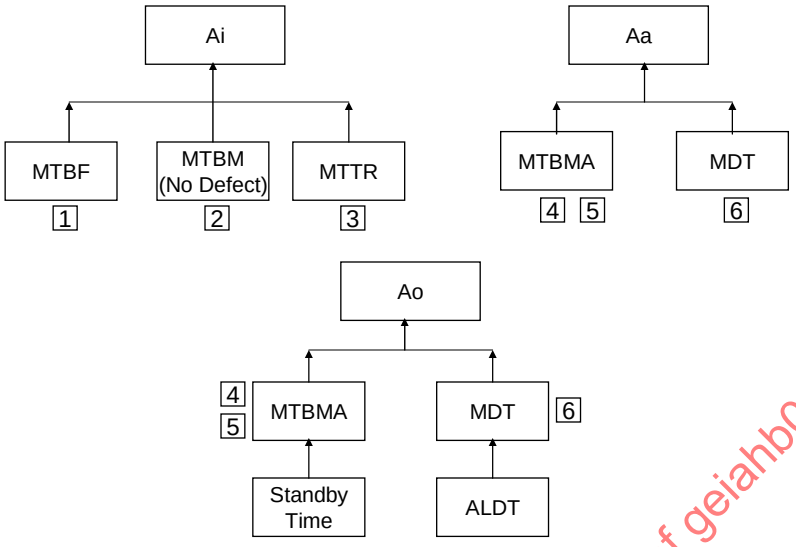


Figure 8 – Reliability, Maintainability and Availability Parameter Relationships

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.

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 on the Task Report, 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 Technology Refinement/Generate Support Solution Phase, they are prepared for all new or critical tasks identified. In System Development & Demonstration/Generate Support Solution Phase, the entities are completed for all significant operation, maintenance, and support tasks.

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

Data Source, Functional Responsibility/Interface Requirements:
The Performing Activity is responsible for O/M Tasks and Task Analysis. 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.

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.

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 which 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 System Development & Demonstration/ Generate Support Solution Phase.

Data Source, Functional Responsibility/Interface Requirements:
Support equipment and training materiel requirements identified via the task Analysis is the responsibility of the Performing Activity. Evaluation criteria and tradeoff results from training tradeoffs and diagnostic tradeoffs 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.

Primary Use:
Data included on the “E” entities provide design information together with more detailed description and justification required for Support Equipment Recommendation Data (SERD). Additional information from these entities provide for the TMDE Requirements Report, 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.

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 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 System Development & Demonstration/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 the task analysis and unit under test functions that support troubleshooting of reparable items.

Primary Use:
"U" entities are used to develop the TMDE Requirements Report, and the Calibration and Measurement Requirements Report and augment other support/test equipment related analysis. In addition, "U" entity information provides UUT configuration identification and identifies fault isolated replaceable units.

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 System Development & Demonstration/Generate Support Solution Phase.

Data Source, Functional Responsibility/Interface 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 report. The technical information described in the “F” entities are used by facility designers to prepare facility plans.

3.8 “G” Entities – Personnel Skill Considerations

Description:
The “G” entities describe and justify any new or modified personnel stills required to support the system/equipment.

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 System Development & Demonstration/Generate Support Solution Phase.

Data Source, Functional Responsibility/Interface Requirements:
Training tradeoffs, 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 report by skill speciality code (SSC) which rationalizes training recommendations and training location requirements. A Task Inventory Report 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 report. This report 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.

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 System Development & Demonstration/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.

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 Report; recommended Spare Parts List for Spares Acquisition Integrated with Production (SAIP); and other provisioning oriented reports; 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 List Items Report, 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.

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 Technology Refinement/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 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 Report 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.

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).

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 affected 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

Figures 9 through 14 provide matrices of the logistics product data elements and the major products, by 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. The matrices identify that key fields are required (K) when specific data elements are used, fields required to process and produce a product (P), specific data elements required to produce a 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.

Figure 9 Logistics Product Data Reports for Reliability and Maintainability	Reliability Centered Maintenance	FMECA
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
BC Entity		All Elements

Figure 9 Logistics Product Data Reports for Reliability and Maintainability	Reliability Centered Maintenance	FMECA
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 Elements
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
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	

Figure 9 Logistics Product Data Reports for Reliability and Maintainability	Reliability Centered Maintenance	FMECA
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	
subtask_person_identifier	X	
skill_specialty_code	X	
new_or_modified_skill_specialty_code	X	
subtask_mean_man_minutes	X	

Figure 9 – Reliability and Maintainability Product Matrix

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).

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

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

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

Figure 10 Logistics Product Data Reports for Maintenance Planning	PMAC	MAC	Task Analysis	Maintenance Plan	PMCS
XA Entity	All Keys	All Keys	All Keys	All Keys	All Keys
XB Entity	K	K	K	K	K
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	
XD Entity				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
XH Entity	Process all Elements	All Keys	All Keys	Process all Elements	All Keys
XI Entity		All Elements	All Elements		Process all Elements
XT Entity			All Elements		
XZ Entity			Process all Elements		
AA Entity				K	

Figure 10 Logistics Product Data Reports for Maintenance Planning	PMAC	MAC	Task Analysis	Maintenance Plan	PMCS
operational_mean_active_maintenance_downtime				X	
required_achieved_availability				X	
required_inherent_availability				X	
required_maximum_time_to_repair				X	
required_operational_mean_time_to_repair				X	
required_percentile				X	
required_technical_time_to_repair				X	
technical_mean_active_maintenance_downtime				X	
AB Entity				K	
mean_mission_duration				X	
mean_mission_duration_measurement_base				X	
required_operational_availability				X	
AG Entity				All Elements	
BA Entity				K	All Keys
conversion_factor				X	
security_clearance				X	
support_concept				X	
wearout_life			X	X	
wearout_life_measurement_base			X	X	
BB Entity				All Elements	
BD Entity				K	
maximum_time_to_repair				X	
mean_time_between_failure_operational_measurement_base				X	
mean_time_between_failure_technical_measurement_base				X	
mean_time_between_failures_operational				X	
mean_time_between_failures_technical				X	

Figure 10 Logistics Product Data Reports for Maintenance Planning	PMAC	MAC	Task Analysis	Maintenance Plan	PMCS
mean_time_between_maintenance_ actions_ operational				X	
mean_time_between_maintenance_ actions_ operational_measurement_base				X	
mean_time_between_maintenance_ actions_ technical				X	
mean_time_between_maintenance_ actions_ technical_measurement_base				X	
mean_time_between_maintenance_ induced				X	
mean_time_between_maintenance_ induced_ measurement_base				X	
mean_time_between_maintenance_ inherent				X	
mean_time_between_maintenance_ inherent_ measurement_base				X	
mean_time_between_maintenance_no_ defect				X	
mean_time_between_maintenance_no_ defect_measurement_base				X	
mean_time_between_preventive_ maintenance				X	
mean_time_between_preventive_ maintenance_measurement_base				X	
mean_time_between_removals				X	
mean_time_between_removals_ measurement_base				X	
mean_time_to_repair_operational				X	
mean_time_to_repair_technical				X	
percentile					
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

Figure 10 Logistics Product Data Reports for Maintenance Planning	PMAC	MAC	Task Analysis	Maintenance Plan	PMCS
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	X	
hazardous_maintenance_procedure_code			X	X	
measured_mean_elapsed_time			X	X	
predicted_mean_elapsed_time			X	X	
measured_mean_man_hours	C	C	X	X	
predicted_mean_man_hours	C	C	X	X	
task_remarks		X			X
technical_manual_code		X			X
facility_requirement_code_type				X	
training_equipment_requirement_code_ type				X	
training_recommendation_type				X	
preventive_maintenance_checks_and_ services_indicator_code					P
CB Entity	All Keys		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

Figure 10 Logistics Product Data Reports for Maintenance Planning	PMAC	MAC	Task Analysis	Maintenance Plan	PMCS
referenced_subtask_task_code					P
referenced_subtask_number					P
subtask_description			X		X
CD Entity	K		K	K	
subtask_person_identifier	X		X	X	
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		
CG Entity	K	K	K	All Elements	
support_item_quantity_per_task			X		
CH Entity		All Elements			All Elements
CI Entity	All Keys		K	K	
quantity_per_task			X	X	
CL Entity			All Elements		
CM Entity			All Elements		
CN Entity			All Elements		
CO Entity			All Elements		
CQ Entity			All Elements		
EA Entity	K	K	K	K	
support_equipment_item_category_code	P	X	X	X	
EF Entity				All Key	

Figure 10 Logistics Product Data Reports for Maintenance Planning	PMAC	MAC	Task Analysis	Maintenance Plan	PMCS
HA entity	K	K	K	K	
cage_code			X		
reference_number			X		
item_name	X	X	X	X	
national_stock_number_federal_supply_classification		X		X	
national_stock_number_item_identification_code		X		X	
national_stock_number_activity_code				X	
national_stock_number_cognizance_code				X	
national_stock_number_federal_supply_classification				X	
national_stock_number_materiel_control_code				X	
national_stock_number_special_materiel_identification_code_materiel_management_aggregation_code				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	
HD Entity				K	
price_provisioning				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	

Figure 10 Logistics Product Data Reports for Maintenance Planning	PMAC	MAC	Task Analysis	Maintenance Plan	PMCS
organizational_maintenance_task_ distribution				X	
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	
HH Entity				K	
overhaul_replacement_rate				X	
HO Entity				Process all Elements	
HP Entity				K	
interchangeability_code				A	

Figure 10 – Maintenance Planning Report Matrix

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 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 Item Utilization, Support Equipment Recommendation Data SERD), TMDE Requirements, and Calibration Maintenance Requirements Summary (CMRS).

Figure 11 Logistics Product Data Reports for Support & Test Equipment	Spt. Item Util.	SERD	TMDE Rqts.	CMRS
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
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		
mean_time_between_failures_operational				
mean_time_between_failures_technical		X		X
CA Entity	K	All Keys	All Keys	K
referenced_end_item_acronym_code	P			
referenced_logistics_support_analysis_control_ number	P			

Figure 11 Logistics Product Data Reports for Support & Test Equipment	Spt. Item Util.	SERD	TMDE Rqts.	CMRS
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			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			
task_frequency	X			
task_identification	X			
measured_mean_elapsed_time	X			X
predicted_mean_elapsed_time	X			
measured_mean_man_hours	X			
predicted_mean_man_hours	X			
CB Entity	All Keys		All Elements	
CG Entity	K	K	K	
support_item_quantity_per_task	X			
support_item_quantity_per_task_unit_of_ measure	X			
CI Entity	All Elements		K	
quantity_per_task			X	
EA Entity	K	K	K	K
support_equipment_item_category_code	X	X		X
support_equipment_full_item_name	X		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		

Figure 11 Logistics Product Data Reports for Support & Test Equipment	Spt. Item Util.	SERD	TMDE Rqts.	CMRS
calibration_time			X	
calibration_item		X		
calibration_required		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	
pass_thru_price		X		
recurring_cost		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		
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_weigh		X		
storage_weight_unit_of_measure		X		

Figure 11 Logistics Product Data Reports for Support & Test Equipment	Spt. Item Util.	SERD	TMDE Rqts.	CMRS
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		
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	
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		

Figure 11 Logistics Product Data Reports for Support & Test Equipment	Spt. Item Util.	SERD	TMDE Rqts.	CMRS
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
ED Entity		All Elements	K	
number_of_activities			C	
support_equipment_quantity_per_activity			C	
EF Entity		K		All Keys
support_equipment_recommendation_ data_date_of_initial_submission		X		
support_equipment_recommendation_ data_date_of_revision_submission		X		
support_equipment_recommendation_data_ 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		

Figure 11 Logistics Product Data Reports for Support & Test Equipment	Spt. Item Util.	SERD	TMDE Rqts.	CMRS
UA Entity		All Elements	K	All Keys
unit_under_test_explanation			X	
UB Entity		All Elements	All Keys	K
unit_under_test_calibration_measurement_ requirement_recommended_code				P
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	
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	
UJ Entity		Process all Elements		
UK Entity		All Elements		

Figure 11 Logistics Product Data Reports for Support & Test Equipment	Spt. Item Util.	SERD	TMDE Rqts.	CMRS
UL Entity		Process all Elements		
UM Entity				All Keys
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	
national_stock_number_national_item_identification_ number		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	
production_lead_time		X		
contractor-technical_information_code		X		
line_item_number			X	
HB Entity		All Elements		

Figure 11 Logistics Product Data Reports for Support & Test Equipment	Spt. Item Util.	SERD	TMDE Rqts.	CMRS
HD Entity			K	
price_provisioning		P	P	
unit_price		X		
HG Entity	K	K	All Keys	All Keys
item_category_code	X			
source_maintenance_recoverability_code		X		
work_unit_code		X		

Figure 11 – Support and Test Equipment Product Matrix

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, parts standardization reporting, Indentured Parts Lists (IPL), Defense Logistics Information Service (DLIS) Screening, provisioning technical documentation (PTD), Authorization List Items, Bill of Materials (BOM) List, and provisioning parts breakout reporting.

Figure 12 Logistics Product Data Reports for Supply Support	Parts Std.	IPL	Screening	PTD	Auth. Items	BOM	Parts Breakout
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	K
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	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	X
XD Entity				K			
Serial_number_usable_on_code				X			
XH Entity		All Keys	All Keys	All Keys	K	All Keys	K
commercial_and_government_ entity_name					X		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		

Figure 12 Logistics Product Data Reports for Supply Support	Parts Std.	IPL	Screening	PTD	Auth. Items	BOM	Parts Breakout
XI Entity		K			K		
technical_manual_number		X			X		
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			X			
acquisition_method_code	X			X			X
acquisition_method_suffix_code	X			X			X
contractor_technical_information _code	X			X			X
unit_of_measure	X			X	X		X
unit_of_issue	X			X	X		X
national_stock_number_national _item_identification_ number		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			
shelf_life_action_code				X			
program_parts_selection_list				X			
production_lead_time				X			
special_material_content_code				X			

Figure 12 Logistics Product Data Reports for Supply Support	Parts Std.	IPL	Screening	PTD	Auth. Items	BOM	Parts Breakout
special_maintenance_item_code				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							
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_code				X			
automatic_data_processing_ equipment_code				X			
demilitarization_code				X			
material				X			
HB Entity			K	K			K
additional_reference_number_ reference_ number_ category _code			X	X			X
additional_reference_number_ reference_ number_ variation _code			X	X			X
HC Entity	All Keys						All Keys
HD Entity	K			K			K
price_provisioning				P			
price_lot_quantity_from	X						X
price_lot_quantity_to	X						X
price_concurrent_production_ code	X						X
price_type_of_price_code	X			P			X
price_fiscal_year	X						X

Figure 12 Logistics Product Data Reports for Supply Support	Parts Std.	IPL	Screening	PTD	Auth. Items	BOM	Parts Breakout
HG Entity	K	K	K	K	K	K	K
provisioning_list_item_sequenc-ing_number		X	X	X		X	
quantity_per_assembly		A		X		X	
indenture_code		X					
long_lead_time_items_list_ provisioning_technical_documen tation				P			
provisioning_parts_list_ provisioning_technical_ documentation				P			
short_form_provisioning_parts_ list_provisioning_technical_ documentation				P			
common_and_ bulk_items_list _ provisioning_technical_ documentation				P			
repairable_item_list_ provisioning_technical_ documentation				P			
interim_support_items_list_ provisioning_technical_ documentation				P			
post_conference_list_provision-ing_technical_documentation				P			
tool_and_test_equipment_list_ provisioning_technical_ documentation				P			
system_configuration_provision-ing_parts_list_provisioning_ technical_documentation				P			
as_required_list_a_ provisioning_technical_ documentation				P			
as_required_list_b_ provisioning_technical_ documentation				P			
type_of_change_code				X			
quantity_per_end_item				X	X		X
prior_item_ provisioning_list_item_sequence _number				X			
same_as_ provisioning_list_item_sequene_ number				X			
hardness_critical_item				X			
remain_in_place_indicator				X			

Figure 12 Logistics Product Data Reports for Supply Support	Parts Std.	IPL	Screening	PTD	Auth. Items	BOM	Parts Breakout
line_replacement_unit				X			
essential_code				X			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 _distriution				X			
intermediate_direct_support_ replacement_task_distriution				X			
intermediate_general_support_ replacement_task_distriution				X			
special_repair_activity_ replacement_task_distriution				X			
depot_shipyard_replacement_ task_distriution				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			
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			

Figure 12 Logistics Product Data Reports for Supply Support	Parts Std.	IPL	Screening	PTD	Auth. Items	BOM	Parts Breakout
intermediate_direct_support_ repair_cycle_time				X			
intermediated_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			
allowance_item_code				X	X		
allowance_item_quantity				X	X		
provisioning_remarks				X			
HH Entity		All Keys		K		K	All Keys
next_higher_assemly (NHA) provisioning_list_item_sequence _number(PLISN)_ 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					
HK Entity		K		K			
technical_manual_functional_ group_code		X		X			
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 Elements		All Elements			

Figure 12 Logistics Product Data Reports for Supply Support	Parts Std.	IPL	Screening	PTD	Auth. Items	BOM	Parts Breakout
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

4.1.5 Manpower, Personnel and Training

These products provide information to the Requiring Authority/Customer so it can establish training plans and ensure 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 Reports for Manpower, Personnel & Training	Manhours by Skill	Training Task List	Task Inventory	MARC	MP&T	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_manhour					X	
available_quantity					X	
AG Entity				K		
annual_operating_requirement_ measurement_base				K		
annual_operating_requirement				C		
CA Entity	K	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

Figure 13 Logistics Product Data Reports for Manpower, Personnel & Training	Manhours by Skill	Training Task List	Task Inventory	MARC	MP&T	Training Device Rqts
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				
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					

Figure 13 Logistics Product Data Reports for Manpower, Personnel & Training	Manhours by Skill	Training Task List	Task Inventory	MARC	MP&T	Training Device Rqts
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	
security_clearance					X	
test_score					X	
new_or_modified_skill_addition-al_requirements_narrative					X	
new_or_modified_skill_edu-cational_qualifications_narrative					X	
new_or_modified_skill_justifica-tion_narrative					X	

Figure 13 Logistics Product Data Reports for Manpower, Personnel & Training	Manhours by Skill	Training Task List	Task Inventory	MARC	MP&T	Training Device Rqts
new_or_modified_skill_additional_training_requirements_narrative					X	
GC Entity					All Elements	
GE Entity					All Elements	

Figure 13 – Manpower, Personnel & Training Product Matrix

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 Logistics Product Data Reports for Packaging, Transportability & Facilities	**Packaging Rqts**	**Transportability Rqts**	**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
system_end_item_item_designator_code			
XG Entity		Process all Elements	Process all Elements
XH Entity	All Keys	All Elements	All Keys
XI Entity			
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

Figure 14 Logistics Product Data Reports for Packaging, Transportability & Facilities	Packaging Rqts	Transportability Rqts	Facility Rqts
measured_mean_man_hours			X
predicted_mean_man_hours			X
facility_requirement_code_type			P
CD Entity			K
subtask_person_identifier			X
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
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	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	

Figure 14 Logistics Product Data Reports for Packaging, Transportability & Facilities	Packaging Rqts	Transportability Rqts	Facility Rqts
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		
HP Entity			
HO Entity	All Keys		
JA Entity		K	
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	

Figure 14 Logistics Product Data Reports for Packaging, Transportability & Facilities	Packaging Rqts	Transportability Rqts	Facility Rqts
transportation_disaster_response_force_narrative		X	
JB Entity		All Elements	
JC Entity		All Elements	
JE Entity		All Elements	

Figure 14 – Packaging, Transportation and Facilities Product Matrix

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-ALSS-81529, Logistics Management Information Data Product(s), and the appropriate XML Schemas from Appendix B and C of the standard. For more information on logistics considerations that should be included in a solicitation and contract, see Section 8 of 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-ALSS-81529 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 14 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.

DID – Cite DI-ALSS-81529 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 Task Analysis 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-ALSS-81529 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.xslt Style Sheet, from Appendix D, of the standard, as the specific transport vehicle for the data. 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-ALSS-81529 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 identifying the specific attributes required (see Figure 12 for the specific data elements required for this product). Separate Attribute Selection Sheets should be completed for each of the following provisioning transaction sets:

- Long Lead Items List
- Provisioning Parts List
- Short Form Provisioning Parts List
- Interim Support Item List
- Post Conference List
- Tools And Test Equipment List
- System Configuration Provisioning Parts List
- Design Change Notice Data
- 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_1.xslt and lsa_036_2.xslt Style Sheets from Appendix D, of the standard, as the specific transport vehicle for the data. Identify the need for updates/changes to the initial delivery/transfer of the data via the type of change code in the standard.

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. For government contracts the Attribute Selection Sheet can be attached to the DI-ALSS-81529, Logistics Management Information Data Product(s) 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 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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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_contorl 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		

Key Element/Attribute	Elements Selected	Additional Information
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		
tecnhical_manual_number		
XT Key Element		
document_id		
XT Elements		
caption		
document_file_extension		
thumbnail		
drawing		
thumbnail_file_extention		
graphic_source_identification		
XZ Key Elements		
document_id		
end_item_acronym_code		
logistics_support_analysis_control_ number		
alternate_logistics_support_analysis_ control_number_code		
logistics_support_analysis_control_ number_Type		

Key Element/Attribute	Elements Selected	Additional Information
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_availiability		
required_inherent_availiability		
required_maximum_time_to_repair		
required_operational_mean_time_to_repair		
required_percentile		
required_technical_mean_time_to_repair		
technical_mean_active_maintenance_down time		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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_manhour		
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		

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_ noneffect-ive_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		

Key Element/Attribute	Elements Selected	Additional Information
AI Elements		
labor_rate		
number_of_shops		
repair_work_space_cost		
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		
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		
system_end_item_additional_ supportability_parameters_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		

Key Element/Attribute	Elements Selected	Additional Information
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 _item_function_narrative		
reliability_availability_and_maintainability _maintenance_concept_narrative		
reliability_availability_and_maintainability _minimum_equipment_list_narrative		

Key Element/Attribute	Elements Selected	Additional Information
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		

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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		

Key Element/Attribute	Elements Selected	Additional Information
reliability_centered_maintenance_logic_ results_09		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		

Key Element/Attribute	Elements Selected	Additional Information
CB Elements		
element_indicator		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		

Key Element/Attribute	Elements Selected	Additional Information
reference_maintenance_procedure_end_ item_acronym_code		
reference_maintenance_procedure_ identifier		
CQ Key Elements		
document_id		
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		
GA Key Elements		
skill_specialty_code		
GA Elements		
hour_labor_rate		
skill_level_code		
training_cost		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
support_equipment_nonproliferation_effort _narrative		
support_equipment_characteristics_ narrative		
support_equipment_installation_factors_or _other_facilities_narrative		

Key Element/Attribute	Elements Selected	Additional Information
support_equipment_additional_skills_and_ special_training_requirements_narrative		
support_equipment_explanation_narrative		
support_equipment_justification_narrative		
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		

Key Element/Attribute	Elements Selected	Additional Information
support_equipment_reference_number		
activity_name_location		
ED Elements		
number_of_activities		
support_equipment_quantity_per_activity		
type_of_activity		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
design_data_category_code_estimated_ price		
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		

Key Element/Attribute	Elements Selected	Additional Information
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_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		
unit_under_test_maintenance_plan_ number		
unit_under_test_test_requirements_ document_number		
unit_under_test_work_package_reference		
unit_under_test_explanation		

Key Element/Attribute	Elements Selected	Additional Information
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_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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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_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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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_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		

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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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_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		

Key Element/Attribute	Elements Selected	Additional Information
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_break down_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		
facility_category_code		
facility_type		
document_id		
JA Key Elements		
end_item_acronym_code		
logistics_support_analysis_control_number		
alternate_logistics_support_analysis_control_number_code		

Key Element/Attribute	Elements Selected	Additional Information
logistics_support_analysis_control_number_type		
JA Elements		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
transportation_character_mode_type		
transportation_character_number		
JB Elements		
container_length		
container_type		
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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		
industrial_materials_analysis_of_capacity		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
HB Element		
additional_reference_number_reference_ number_category_code		
additional_reference_number_reference_ number_variation_code		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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_provisionin g_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		

Key Element/Attribute	Elements Selected	Additional Information
indenture_code		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		

Key Element/Attribute	Elements Selected	Additional Information
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		
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		
HZ Key Elements		
commercial_and_government_entity_code		
reference_number		
document_id		

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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 LCNs assigned, 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 which 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. To document 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.

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 which 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) reports. 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 reports. 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.

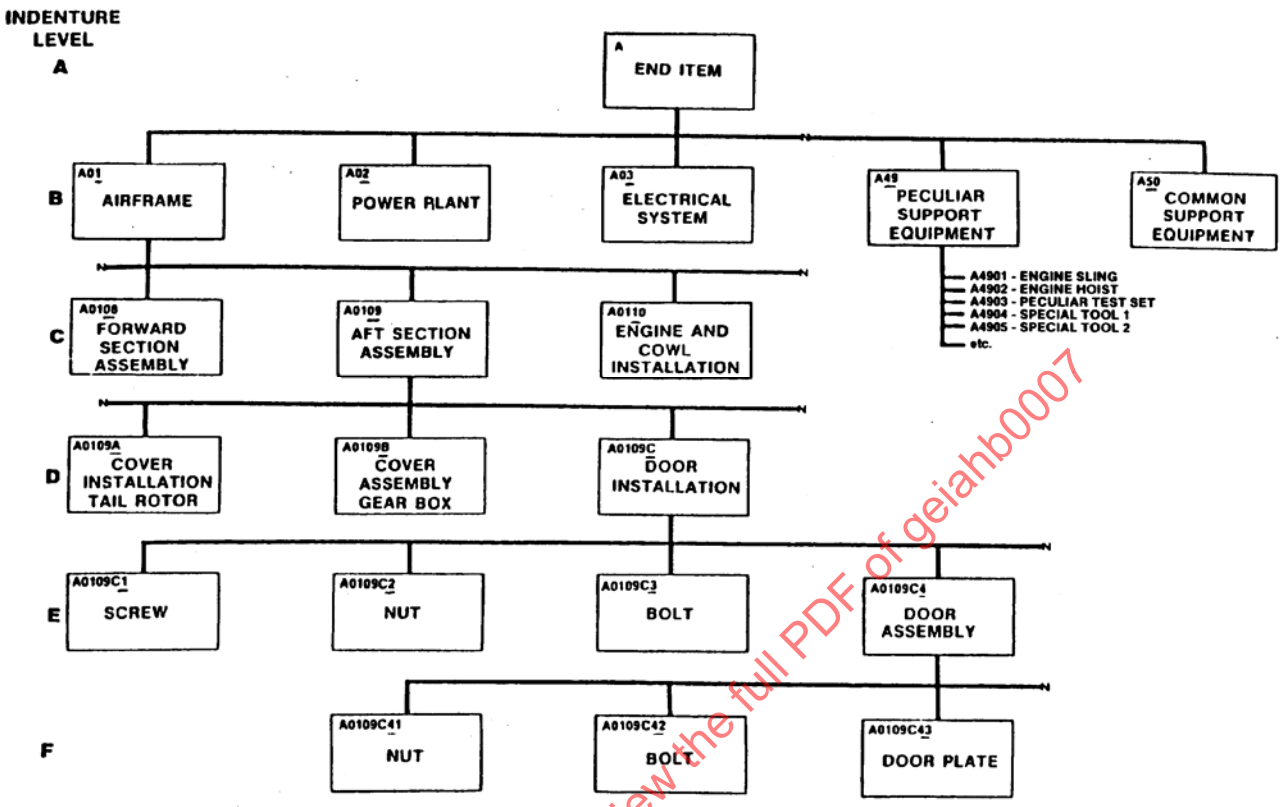

Figure B-1 – Classical LCN Assignment Method

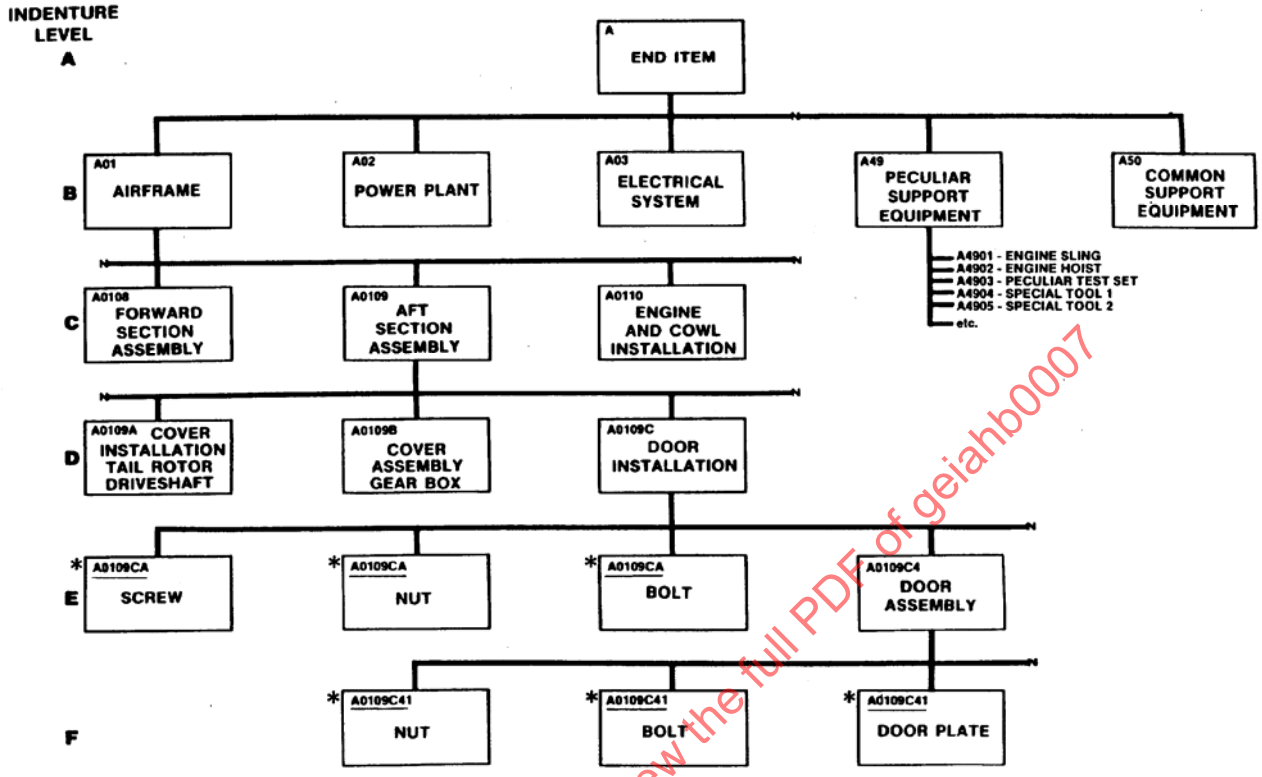

Figure B-2 – Modified Classical Assignment

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.

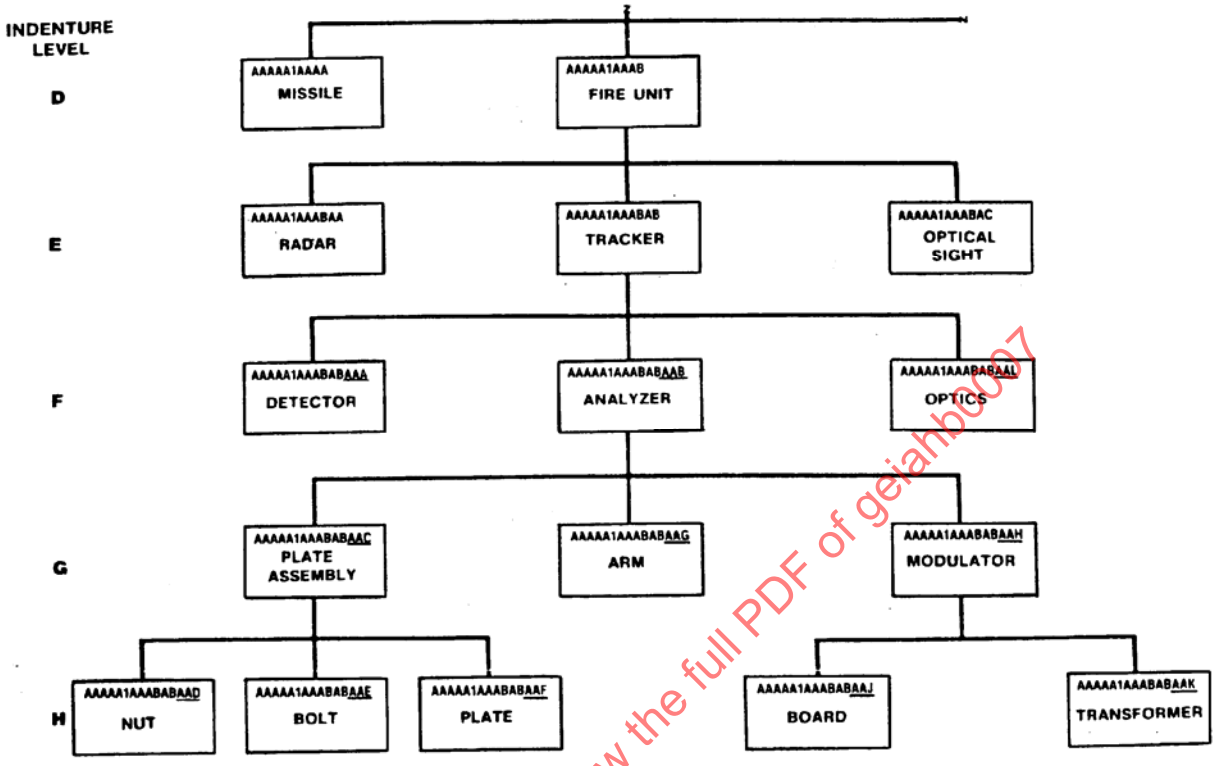

Figure B-3 – Sequential Assignment Method

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 Figure 18 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.

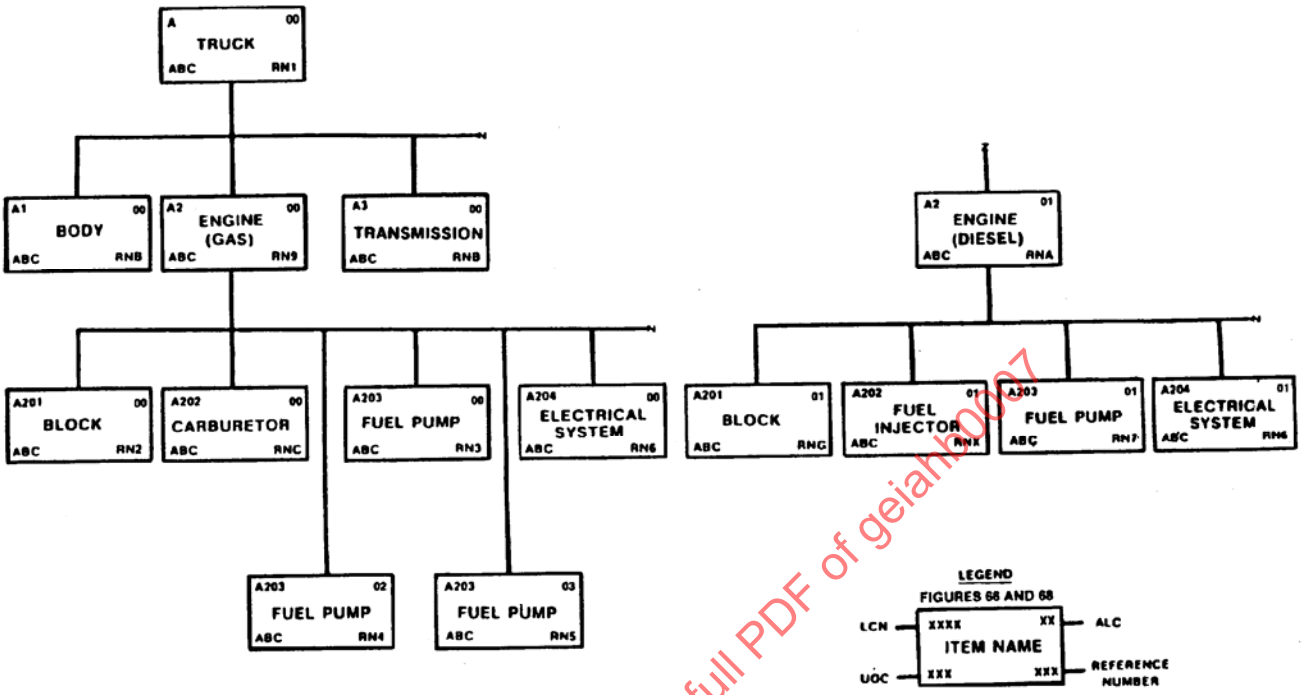

Figure B-4 – Alternate LCN Code Usage

B.3.2 ALC Usage For Logistics Product Data Reports

For most report 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 report request. As already discussed, an ALC of 00 on the report 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 report request, different LCN and ALC combinations at a lower indenture level from the basic report 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 report 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 report request would have an ALC value of 00. In order to produce a report 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 report 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 reports. 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 report generation.

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.

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 report 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.

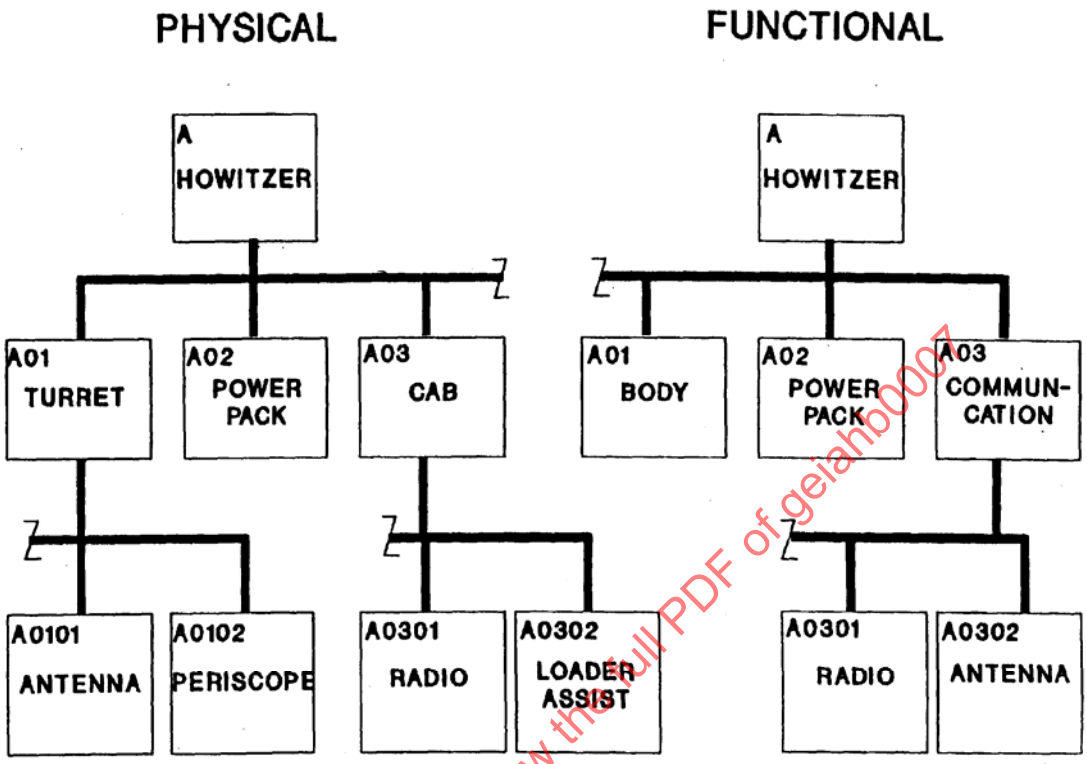

Figure B-5 – Functional vs. Physical LCN Assignment

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.

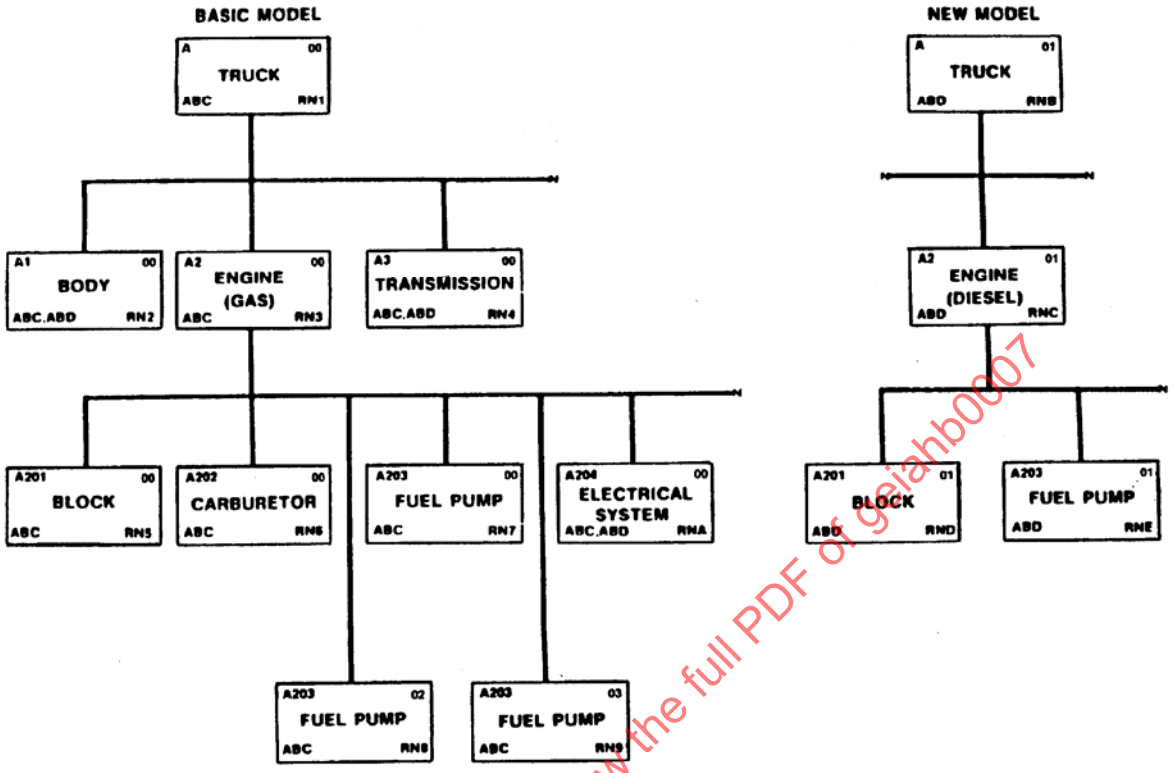

Figure B-6 – Usable on Code and Alternate LCN Code Usage

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

Paragraph 3.2 of this appendix stated that most selection requests for logistics product data reports must have, as a minimum, LCN and UOC on the request. The reason for this is that UOC is the overall report 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 report 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 report 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 report 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 reports.

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 reporting systems do not use serial number as a selection criteria, ad hoc query capability would allow analysis/summary report 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 reports 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.

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, 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 “document”.

- 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, JF, and UF) have been eliminated and the separate narrative elements merged with existing entities in GEIA-STD-0007.

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.

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'~!@#$%^&*()_+-=\[\]\\{}\|;x27:",./?><]{0,240}

A-Z_0-9 Indicates that alphanumeric characters can be used.

'~!@#$%^&*()_+-=\[\]\\{}\;:",./?>< Indicates that special characters can be used.

| Indicates the "or" option.

x27 Designates that the ESC key can be used.

{0,240} The range of alphanumeric and special characters cannot exceed 240.

-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_availiability		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_availiability		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})	

-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	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_main-tenance_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}	
AA	Reliability Centered Maintenance (RCM), Logic Utilized	Reliability Centered Maintenance (RCM), Logic Utilized	reliability_centered_mainten-ance_logic_utilized		32X---	string		32	

-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	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 0-999	[0-9]{0,3}	
AB	Annual Operating Time	Annual Operating Time	annual_operating_time		4NR--	integer	numbers only from 0-9999	[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	

-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	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_availa-bility		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	
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	

-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	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_manhour_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})	

-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	Man-Hours Per Operating Hour, Unscheduled	Man-Hours Per Operating Hour, Unscheduled	unscheduled_manhour_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	
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_manhours		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	

-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	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})	
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_manhours		5NR2-	decimal	numbers only from 0-999 or from 0-999.99	([0-9]{0,3})|([0-9]{0,3}\.[0-9]{0,2})	

-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: 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_manhours		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})	
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_manhours		5NR2-	decimal	numbers only from 0-999 or from 0-999.99	([0-9]{0,3})|([0-9]{0,3}\.[0-9]{0,2})	

-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: 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_manhour		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	
AE	Operations & Maintenance (O&M) Level Code [1]	Operations & Maintenance (O&M) Level Code [1]	operations_and_maintenance_level_code		1AF-F	string		1	

-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	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})	
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_require-ment		6NR-M	integer	numbers only from 0-999999	[0-9]{0,6}	
AG	Annual Operating Requirements (AOR); Measurement Base (MB)	Annual Operating Requirements (AOR); Measurement Base (MB)	annual_operating_require-ment_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	

-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	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	
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.

-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_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	
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	

-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
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							
AI		REPAIR WORK SPACE COST CURRENCY CODE							

-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	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	
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.

-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
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}	
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})	

-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, 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	
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	

-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: 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_labe ling		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_transporta-tion		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	

-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 MEASURMEN T BASE							
BA		MAINTENAN CE CONCEPT COST 1							
BA		MAINTENAN CE CONCEPT COST 2							
BA		MAINTENAN CE CONCEPT COST CURRENCY CODE							
BA		MAINTENAN CE CONCEPT COST3							

-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		MAINTENANCE CONCEPT OPTION 1							
BA		MAINTENANCE CONCEPT OPTION 2							
BA		MAINTENANCE CONCEPT OPTION 3							
BA		SAMPLING REQUIRED							
BA		SOFTWARE SUPPORT PLAN (SSP) REQUIRED							
BA		UPKEEP/ WEAPONS REPAIR POLICY CODE							
BA			reliability_abailability_and_ maintainability_item_function _narrative			string			New narrative field from entity BB.
BA			reliability_availability_and_ maintainability_manintenance _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_maintaina-bility_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_standard-Ization_narrative			string			New narrative field from entity BC.
BA			system_redesign_accessibi-lity_narrative			string			New narrative field from entity BC.

-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_ 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.
BA			system_redegign_packaging _and_transportation_ narrative			string			New narrative field from entity BC.
BA			system_redesitgn_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_consideration_for_ standardization_narrative			string			New narrative field from entity BC.
BA			logistics_consideration_for_ maintenance_ease_narrative			string			New narrative field from entity BC.
BA			logistics_consideration_for_ safety_narrative			string			New narrative field from entity BC.
BA			logistics_consideration_for_ test_points_narrative			string			New narrative field from entity BC.
BA			logistivs_consideration_for_ skills_narrative			string			New narrative field from entity BC.
BA			logistics_consideration_for_ connectors_for_ease_of_ removal_narrative			string			New narrative field from entity BC.

-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			logistics_consideration_for_packaging_and_transporta-tion_narrative			string			New narrative field from entity BC.
BA			logistics_consideration_for_fault_location_narrative			string			New narrative field from entity BC.
BA			logistics_consideration_for labeling_narrative			string			New narrative field from entity BC.
BA			logistics_consideration_for_design_for_self_protection_narrative			string			New narrative field from entity BC.
BA			logistics_consideration_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				Table BB collapsed into Entity BA of 0007.
BB	End Item Acronym Code (EIAC)	End Item Acronym Code (EIAC)	end_item_acronym_code		10XL-F				Table BB collapsed into Entity BA of 0007.
BB	LSA Control Number (LCN)	LSA Control Number (LCN)	logistics_support_analysis_control_number		18XL-F				Table BB collapsed into Entity BA of 0007.
BB	LSA Control Number (LCN) Type	LSA Control Number (LCN) Type	logistics_support_analysis_control_number_Type		1AF-F				Table BB collapsed into Entity BA of 0007.
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.

-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	RAM Characteristics Narrative	RAM Characteristics Narrative			65X--				Separate narrative fields created and collapsed into Entity BA.
BC	Alternate LCN Code (ALC)	Alternate LCN Code (ALC)	alternate_logistics_support_analysis_control_number_code		2NF-F				Table BB collapsed into Entity BA of 0007.
BC	End Item Acronym Code (EIAC)	End Item Acronym Code (EIAC)	end_item_acronym_code		10XL-F				Table BB collapsed into Entity BA of 0007.
BC	LSA Control Number (LCN)	LSA Control Number (LCN)	logistics_support_analysis_control_number		18XL-F				Table BB collapsed into Entity BA of 0007.
BC	LSA Control Number (LCN) Type	LSA Control Number (LCN) Type	logistics_support_analysis_control_number_Type		1AF-F				Table BB collapsed into Entity BA of 0007.

-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	Logistics Consideration Code	System Redesign/ Logistics Consideration Code			1XF-F				Element deleted from 0007 and narrative fields created separately for each code.
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.
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	

-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	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	
BD	Mean Time Between Failures (MTBF), Technical	Mean Time Between Failures (MTBF), Technical	mean_time_between_failures_technical		10D---	string		10	

-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; 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_type		10D---	string		10	

-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), Operat'l; MB	Mean Time Between Maintenance Actions (MTBMA), Operat'l; MB	mean_time_between_main-tenance_actions_operational_measurement_base		1AF--	string		1	
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	

-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 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}	
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							

-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 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.

-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	

-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
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	
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	

-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	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	
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	

-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 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	
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	

-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 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	
BF	Reliability Centered Maintenance (RCM), Logic Results 16	Reliability Centered Maintenance (RCM), Logic Results 16	reliability_centered_maintenance_logic_results_16		1XF--	string		1	

-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 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	

-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_mainten-ance_age_exploration_ narrative			string		unlimited	New narrative fields created from narrative in Table BG.
BF			reliability_centered_mainten-ance_reasoning_narrative			string		unlimited	New narrative fields created from narrative in Table BG.
BF			reliability_centered_mainten ance_redesign_recommen-dation_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.

-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	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.
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	

-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
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	
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	

-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	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_measure-ment_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.
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.

-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
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	
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	

-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) 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/Operational 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	

-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	

-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	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	
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_type		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_require-ment_code		1AF--	string		1	

-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	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	
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	

-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	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	

-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_acess 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_acess			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.

-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
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	
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	

-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
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	
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	

-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	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							

-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	Alternate LCN Code (ALC)	Alternate LCN Code (ALC)	alternate_logistics_support_analysis_control_number_code		2NF-	String		2	
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	

-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 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	
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	

-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
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	
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		TASK/SUBTASK ASSOCIATED NARRATIVE CODE_TSC							

-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		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}	
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	

-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		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	
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.

-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
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.
CQ			document_id			string		32	
CQ			logistics_support_analysis_control_number			string		18	
CQ			logistics_support_analysis_control_number_Type			string			
CQ			subtask_number			string		3	
CQ			support_equipment_commercial_and_government_entity_code					5	

-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	
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) Recommend-ed	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	

-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	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}	
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	

-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	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) Recommendation 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	
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})	

-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	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})	

-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	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	
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	

-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	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	

-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	

-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: 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})	
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	

-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) 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	
EA		Design Data Price CURRENCY CODE							

-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		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_function-al_analysis_narrative			string		unlimited	New separate narrative element collapsed from Table EE.
EA			support_equipment_descrip-tion_and_function_narrative			string		unlimited	New separate narrative element collapsed from Table EE.

-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_nonproliferation_effort_narrative			string		unlimited	New separate narrative element collapsed from Table EE.
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}	

-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 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}	
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	

-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: 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	

-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	type_of_activity		15XL--	string		15	

-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
		Activity							
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.
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	

-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	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 Recommendation 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 Recommendation Data (SERD) Revision	support_equipment_recommendation_data_revision		2AR-K	string		2	
EF	Support Equipment Recommendation Data (SERD) Status	Support Equipment Recommendation Data (SERD) Status	support_equipment_recommendation_data_status		1AF--	string		1	
EF			support_equipment_recommendation_data_revision_remarks	SUPPORT EQUIPMENT RECOMMENDATION DATA REVISION/SUPERSEDURE 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.

-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
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_identi-fication_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	

-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_recom-mendation_data_number		10XF-F	string		10	
EH	Support Equipment Recommendation Data (SERD) Revision	Support Equipment Recommendation Data (SERD) Revision	support_equipment_recom-mendation_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_operat-ing_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_opera-ting_range_minimum		3NR--	integer	numbers only from 0-999	[0-9]{0,3}	

-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	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}	
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}	

-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
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							
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	
EK	Supersedure Interchangeability Code	Supersedure Interchangeability Code	supersedure_interchangeability_code	INTERCHANGEABILITY 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	

-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 Support Equip. Recommendation Data (SERD) Sequence Num.	Supersedure Support Equip. Recommenda-tion Data (SERD) Sequence Num.	supersedure_support_equip-ment_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 Recommend-ed	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	

-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	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	
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							
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	

-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
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	
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 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	

-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 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_capabiility_narrative			string			New narrative field created from narrative in Table FB.
FA			baseline_location_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_requirement_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.
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.

-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_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.
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.

-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 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	

-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	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	
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		32	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	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	

-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
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							
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}	

-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) 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_grade		4XF--	string		4	
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.

-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			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	
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}	

-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 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	

-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	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		document_identifier_code		3AF--	string		3	

-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
	Identifier Code (DIC)								
HA	Hazardous Code	Hazardous Code	hazardous_code	HAZARDOUS CODE	1AF--	string		1	
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	Industrial Materials Analysis of Capacity (IMAC)		industrial_materials_analysis_of_capacity		19XL--	string		19	
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		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}	

-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	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		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		9NF--	string		9	
HA	National Stock Number (NSN) Prefix: Cognizance Code		national_stock_number_cognizance_code		2XF--	string		2	
HA	National Stock Number (NSN) Prefix: Materiel Control Code		national_stock_number_materiel_control_code		1XF--	string		1	
HA	National Stock Number (NSN) Suffix: Activity Code		national_stock_number_activity_code		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		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	

-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	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	PROVISIONING LIST CATEGORY CODE (PLCC)		string		1	
HA	Provisioning List Category Code (PLCC), Authorization Stockage List Item	Provisioning List Category Code (PLCC), Authorization Stockage List Item	authorization_stock_list		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		1AF--	String		1	
HA	Provisioning List Category Code (PLCC), Government Furnished	Provisioning List Category Code (PLCC), Government Furnished	government_furnished_item_list		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		1AF--	String		1	
HA	Provisioning List Category Code (PLCC), Interim Released Item	Provisioning List Category Code (PLCC), Interim Released Item	interim_released_item_list		1AF--	String		1	

-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), Interim Support Items	Provisioning List Category Code (PLCC), Interim Support Items	interim_support_item_list		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		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		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		1AF--	String		1	
HA	Provisioning List Category Code (PLCC), Repairable Items	Provisioning List Category Code (PLCC), Repairable Items	repairable_item_list		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		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		1AF--	String		1	
HA	Reference Number	Reference Number	reference_number	REFERENCE NUMBER	32XL-	string		32	
HA	Reference Number Category Code (RNCC)	Reference Number Category Code (RNCC)	reference_number_category_code	REFERENCE NUMBER CATEGORY CODE (RNCC)	1XF--	string		1	

-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 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		4NR1-	decimal	numbers only from 0-999 or from 0-999.9	([0-9]{0,3})|([0-9]{0,3}\.[0-9]{0,1})	

-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	Unit Size: Length [Inches]	Unit Size: Length [Inches]	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		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	
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							

-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		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/EXIST-ING ITEM							
HA		POOL ITEM CANDIDATE (AECMA 2000M TEI SPC)							
HA		PROCURE-MENT CODE (AECMA 2000M TEI PCD)							

-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		PROVISION-ING PACKAGING LEVEL CODE							
HA		REFERENCE NUMBER JUSTIFICA-TION 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 CLASSIFICAT ION (AECMA 2000M TEI SPC)							

-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		SPECIFICA-TION/DRAW-ING NUMBER							
HA		SUPPLY MANAGE-MENT ORGANIZA-TION 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		32XL-F	string		32	
HB	Additional Reference Number (ARN)	Additional Reference Number (ARN)	additional_reference_number		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		5XF-F	string		5	
HB	Additional Reference Number (ARN) Item CAGE Code	Additional Reference Number (ARN) Item CAGE Code	item_commercial_and_ government_entity_code		5XF-F	string		5	
HB	Additional Reference Number Category Code (Additional RNCC)	Additional Reference Number Category Code (Additional	additional_reference_number _reference_number_category _code		1XF--	string		1	

-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
		RNCC)							
HB	Additional Reference Number Variation Code (Additional RNVC)	Additional Reference Number Variation Code (Additional RNVC)	additional_reference_number_reference_number_variation_code		1NF--	integer	numbers only from 0-9	[0-9]{1}	
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	
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}	

-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	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_used	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		MINIMUM SALES QUANTITY (AECMA 2000M TEI MSQ)							
HD		PDB 2 UI PRICE LOT QUANTITY FROM							
HD		PDB 2 UI PRICE LOT QUANTITY TO							
HD		PDB 3 UI PRICE LOT QUANTITY FROM							
HD		PDB 3 UI PRICE LOT QUANTITY TO							

-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		TYPE OF PRICE (AECMA 2000M TEI TOP)							
HD		UNIT OF ISSUE PRICE CURRENCY CODE							
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.

-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
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	
HF	Commercial & Government Entity (CAGE) Code	Commercial & Government Entity (CAGE) Code	commercial_and_government_entity_code		5XF-F	string		5	
HF	Container National Stock Number (NSN)	Container National Stock Number (NSN)	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	

-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	Packaging Data Preparer CAGE Code		packaging_data_preparer_commercial_and_government_entity		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	
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		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	

-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	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 MANUFACTUR-ER CAGE CODE							
HF		CATEGORY 1 CONTAINER REFERENCE NUMBER							

-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		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_		2NF-F	string		2	

-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
			code						
HG	Commercial & Government Entity (CAGE) Code	Commercial & Government Entity (CAGE) Code	commercial_and_government_entity_code		5XF-F	string		5	
HG	Data Status Code	Data Status Code	data_status_code		1AF--	string		1	
HG	Designated Rework Point (DRP), First Sub-Field [Overhaul]	Designated Rework Point (DRP), First Sub-Field [Overhaul]	designated_rework_point_code		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	

-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) 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})	
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}	

-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 Task Distribution (MTD) at Intermediate/ Direct Support	Maintenance Task Distribution (MTD) at Intermediate/ Direct Support	intermediate_direct_support_ maintenance_task_distribu-tion	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_distribu-tion	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_operat-ing_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}	
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}	

-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	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	

-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: 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	
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	

-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	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}	
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}	

-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 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	same_as_provisioning_list_item_sequence_number	SAME AS PROVISIONING LIST	5XL--	string		5	

-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
		(PLISN)							
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	
HG	Suppression Indicator Code		supression_indicator		1AF--	string		1	
HG	Total Quantity Recommended	Total Quantity Recommend-ed	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		1AF--	string		1	
HG	Work Unit Code (WUC)	Work Unit Code (WUC)	work_unit_code	WORK UNIT CODE	7XL--	string		7	
HG			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)							

-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		CSN RECOMMEND-ED MAINTENANCE QTY (AECMA 2000M TEI RMQ)							
HG		CSN RECOMMEND-ED 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							
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							

-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		SUPPLY CATEGORY							
HG		TOTAL LIFE (AECMA 2000M TEI TLF)							
HG		TURN ROUND SPARE							
HG		VITAL FEATURES ITEM (VFI) CODE							
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	

-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	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)/Overhaul (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	OVERHAUL REPLACEMENT RATE (ORR)	3NR2-	decimal	numbers only from 0-9 or from 0-9.99	([0-9]{0,1})|([0-9]{0,1}\.[0-9]{0,2})	
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.
HI	LSA Control Number (LCN)	LSA Control Number (LCN)			18XL-F				Table HI in MIL-STD-1388-2B collapsed into Entity HG in 0007.
HI	LSA Control Number (LCN) Type	LSA Control Number (LCN) Type			1AF-F				Table HI in MIL-STD-1388-2B collapsed into Entity HG in 0007.
HI	Provisioning Remarks [1]			PROVISIONING REMARKS	65X---				Table HI in MIL-STD-1388-2B collapsed into Entity HG in 0007.
HI	Reference Number	Reference Number			32XL-				Table HI in MIL-STD-1388-2B collapsed into Entity HG in 0007.
HI	Text Sequencing Cd (TSC): Provisioning				5NR-K				Table HI in MIL-STD-1388-2B collapsed into Entity HG in 0007.