



**Logistics Management Associates**  
**3010 Heather Green Blvd**  
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**www.log-mgmt.com**

**The Provisioning Process and Supply Support**  
**Including Obsolescence Management**  
***A Three-day Virtual Presentation***

Provisioning is a vital process that ultimately determines the materials that should be available to support maintenance of a system, and to achieve a required operational availability target for a hopefully reasonable cost. This course is a unique offering that is a guided tour through the “nuts and bolts” of the complete provisioning process. It encompasses every aspect of the process from start to finish. The course then continues to address proven obsolescence avoidance, obsolescence mitigation and obsolescence recovery methods to assure that materials required for sustainment will be available for the system life.

This course is the only one of its kind. Information presented it not available elsewhere.

**Course Content and Focus:**

A detailed presentation encompassing the relationships of technical disciplines within Product Support and how each contributes to the Provisioning process and Supply Support activities. Included in the course are in-depth discussions of reliability, maintainability, testability, reliability centered maintenance and availability and how these areas drive requirements for maintenance. Specific emphasis is placed on the provisioning process starting with requirements for spares and repair parts from Level of Repair Analysis and then moving to processes for determining quantities of spares required to support maintenance. Spares modeling using Poisson Distribution, Readiness Based Sparing and other methods are presented. The development of each individual data element required for generation of provisioning documentation to reflect the results of this process is presented in detail focusing on how data is used to feed the development of authorization documents such as the US Navy’s APLs and COSALs. Each data element required for the LSA-036 report and the AIA/ASD S2000M provisioning messages, or similar CDRL deliverable document, are discussed including its source and interpretation. Alternatives to the LSA-036 are presented that meet current DoD sparing requirements. The course addresses provisioning using AIA/ASD S2000M. The course also discusses how Configuration Management and design changes influence requirements for spares and repair parts, and how standardization and the DMSMS process address obsolescence. At the completion of this course students should have the knowledge necessary to function as a provisioning analyst on a contemporary acquisition program.

A virtual presentation using Microsoft Teams. Class time 0900-1600 EST.



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**Course Outline:**

Concepts of Spares Requirements and Provisioning

- Definitions of Materials
- Initial Provisioning
- Re-provisioning
- Spares Management
- Supply Support
- Maintenance Planning
  - Maintenance and Sparing Philosophy
  - Maintenance and Sparing Concept
  - Maintenance and Sparing Plan

Integrated Product Support Elements

- Supply Support
- Support and Test Equipment
- Technical Documentation
- Training
- Facilities
- PHS&T
- Design Interface

Designing for Provisioning and Supply Support

- Design Reference Mission Profile
- Systems Engineering
- Design Engineering
- Reliability
- Maintainability
- Testability
- Accessibility
- Availability
- Standardization
- Parts Management (MIL STD 3018)
- DMSMS

Spares Quantification

- Spares Modeling
- Poisson Distribution
- Readiness Based Sparing
- Sparing to Availability



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### **Developing Support Solutions**

Maintenance Task Analysis

Support Resource Documentation

Spares Ranging

Pre-Provisioning Screening

Level of Repair Analysis

SMR Code Development

NSN Assignment

Maintainability/Supportability Demonstrations

### **Provisioning Process**

Provisioning Requirements Statement (PRS)

Provisioning Performance Schedule (PPS)

Provisioning Guidance Conference

Contracting (SOW/CDRL)

Provisioning Data Delivery

Provisioning Conference

Spares Ordering and Delivery

### **Provisioning Data and Documentation**

Provisioning Lists (PTD)

LLTIL,PPL, CBIL, TTEL, SFPPL, PCL, DCN and SPTD/EDFP

Provisioning Data Elements

(in depth discussion of each data element required for provisioning including data source, data application and data interpretation)

### **Configuration Management**

Design Baselines

Configuration Status Accounting

Design Changes

Design Change Notices

### **Spares Management**

The DoD Supply System

Inventory Management

In-Service Provisioning

Product Life Cycle Support (PLCS)



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#### Obsolescence

Systems Engineering for Obsolescence Avoidance.  
Counterfeits and Regulatory Issues in Obsolescence Management.  
Obsolescence Tools and Techniques.  
Obsolescence Management Communication and Collaboration.  
Measuring the Performance of an Obsolescence Management Strategy.  
Developing an Obsolescence Management Strategy  
Developing an Obsolescence Management Plan  
Developing and Maintaining a Corporate Obsolescence Management Policy

Example list of Standards/Specifications referenced during this course:

- TA STD 0017A
- MIL STD 3018
- MIL STD 1375
- MIL STD 1552
- MIL STD 1561
- MIL STD 3034
- MIL STD 1388-1A
- MIL STD 1388-2B
- MIL PRF 49506
- MIL HDBK 61
- SAE AS 1390
- MIL HDBK 1390
- GEIA STD 0007C
- GEIA HDBK 0007B
- TA HDBK 0007-1A
- GEIA STD 0009
- EIA STD 836
- ISO 10303
- ASD S1000D
- ASD S2000M
- ASD S3000L
- ASD S4000P
- ASD S5000F

**Course Fee:** US\$995

**Registration:** [conference@log-mgmt.com](mailto:conference@log-mgmt.com)