



Logistics Management Associates
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**The Provisioning Process and Supply Support +
Obsolescence Management**
A Three-day Presentation
10-12 September 2024

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.

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.



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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



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Poisson Distribution

Readiness Based Sparing

Sparing to Availability

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

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 Risk Assessment Process.
- Obsolescence Tools and Techniques.
- Obsolescence Management Communication and Collaboration.
- Measuring the Performance of an Obsolescence Management Strategy.
- Understanding the Cost of Obsolescence Management.
- Obsolescence Management Organizations and Responsibilities
- 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
- ISO 10007
- ASD S1000D
- ASD S2000M
- ASD S3000L
- ASD S4000P
- ASD S5000F



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Course Fee: US\$995

Registration: conference@log-mgmt.com



Registration Form

Name _____

Email _____

Company/Organization _____

Contact Telephone _____

Please register me for:

- The Provisioning Process and Supply Support
10-12 September 2024 (\$995)
 - Early Bird Discount 10%
 - CLEP/SOLE Active Member Discount 10%

Payment Method:

- Visa/MC/Amex
 - Name on Card _____
 - Card Number _____
 - Expires _____
 - CVC _____
 - Billing ZIP/Post Code _____
- PayPal
 - Send invoice to (email): _____
- SF182 (USN/USMC) (attached)

Send completed registration form to:

Email: conference@log-mgmt.com

Fax +1.949.242.3002

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