

PSA/LPD WORKSHOP

Presented by:



Acquisition Logistics Engineering

November 14-16, 2017 | St. Louis, MO



Understand the definition and objectives of
Product Support Analysis (PSA)

Become familiar with a Logistic Product Data (LPD) database

Understand the relationship between PSA and LPD

Become familiar with TA-STD-0017 and GEIA-STD-0007 and
LPD Software Tools

**ALE's Beginner
to Intermediate
Level 3-Day
Course
Will Build
& Strengthen
Your PSA/LPD
Skills!**

WHERE:

Hilton Garden Inn
St. Louis Airport
4450 Evans Place
St. Louis, MO 63134

WHEN:

Tues, November 14 -
Thurs, November 16
9:00 AM - 4:00 PM

COST:

\$1,200 / person

This three-day workshop is designed to familiarize managers, engineers, and logisticians with the objectives, methods, and tools used by industry and government to apply PSA to the design and support of modern systems and equipment.

You will gain an understanding of the concepts and methodology of PSA and the relationship between the analyses and documentation of results, learning how PSA can reduce cost and improve system availability, and understanding the uses of PSA data.

For further information about this workshop and to register, please contact us at:

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WORKSHOP AGENDA

Product Support Analysis (PSA) is a critical component of any Life-Cycle Management Program. The objective of PSA is to influence supportability requirements as integral design requirements, to understand and define the optimal support requirements, and to prepare Logistic Product Data (LPD) documentation required to build a functional support system for product the life-cycle. Some of the techniques used in the PSA include Trade-off studies, Failure Mode, Effects, and Criticality Analysis (FMECA), Fault Tree Analysis (FTA), Reliability Centered Maintenance (RCM), Maintenance Task Analysis (MTA), and Level of Repair Analysis (LORA). PSA activities integrate with specialty engineering disciplines such as Test and Evaluation, Human Factors Engineering, Reliability, and Safety programs.

This three-day workshop is designed to assist Design Engineers, Logistics Engineers, and Managers with the implementation (application) of supportability analysis to programs, emphasizing tailoring the strategy and approach for the program phase, defining the PSA goals, and streamlining the approach to capture cost savings while achieving PSA objectives. Formerly governed by MIL-STD-1388-1A/2B, this workshop has been updated to give students a thorough understanding of current DoD guidance using TA-STD-0017 and GEIA-STD-0007B.

A case study is used to exercise attendees' application of supportability analysis to programs in the early and detailed design phase. Detailed instruction is provided in the principles of PSA and the organization and use of LPD. Instruction is reinforced by a series of discussions and hands-on exercises as the instruction progresses.

AGENDA

- ◆ Session 1 Workshop Introduction
- ◆ Session 2 Overview of PSA
- ◆ Session 3 Developing a Product Support Strategy
- ◆ Session 4 Supportability Objectives
- ◆ Session 5 Preparation and Evaluation of Alternatives
- ◆ Session 6 Determination of Product Support Resource Requirements
- ◆ Session 7 Product Operational Management and Suitability Assessment
- ◆ Session 8 Logistic Product Databases
- ◆ Session 9 PSA Software Tools
- ◆ Session 10 Understanding Candidate Items
- ◆ Session 11 Review of PSA/LPD Results
- ◆ Session 12 PSA by Phase
- ◆ Session 13 Challenges in PSA programs
- ◆ Session 14 Wrap-up and Critique