Logistics Support Activity

LOGSA
Logistics and Engineering Center Capabilities

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Logistics Support Activity (LOGSA)
Acquisition Logistics Support

Policies, Procedures & Standards
- Logistics Product Data (LPD) Provisioning
- Additive Manufacturing

Product Support Management
- Army Integrated Product Support Executive Committee
- Army Materiel Command (AMC) Pubs Council
- Interactive Electronic Technical Manual (IETM) Subject Matter Expert (SME) Committee
- Industry/International Committees

Army/ Joint Tools
- Program Management: SYSPARS
- Product Analyses: CASA, COMPASS
- Data Management: PowerLOG-J (LPD software), LPDS

Assistance
- Logistics Engineers, Logistics Management Specialists, Technical Writers

Optimized Supportability – Enhanced Readiness – Reduced Operations & Support (O&S) Costs
PowerLOG 2 Overview

PowerLOG is an acquisition logistics data tool designed to assist Government and Industry organizations in integrating logistics requirements data. **Recommended by AR-700-127.**

**Benefits**

- **Current and Legacy Logistics Data Formats**
  - Logistics Product Data (GEIA-STD-0007b) *(Required by AR-700-127)*
  - LPD Reports (GEIA-HB-0007-1)
  - Logistics Support Analysis Record (LSAR) (MIL-STD-1388-2B)
  - LSA-036 Provisioning Technical Documentation (PTD)

- Reports Critical to TM Development, Initial Provisioning, and Maintenance Actions.
- Identifies data errors/issues and assists with corrections through Audits, Utilities, and Reports.
- Produces more than 25 logistics products.

**Sample Reports Include:**

- Task Analysis
- Maintenance Allocation Chart (MAC)
- Bill of Materials (BOM)
- FMECA Report
- RPSTL
- RAM
- PTD
- Support Equipment Report
- Authorized List items
- Transportability Report
CASA Overview

The Cost Analysis Strategy Assessment (CASA) model is a Life Cycle Cost (LCC)/Total Ownership Cost (TOC) decision support tool utilized by all services and various other government agencies. Recommended by AR-700-127.

Benefits
- LCC/TOC Model with a Focus on Operations and Support (O&S)
- Alternatives/Trade Off Analysis
- Sensitivity Analysis
- Extensive Reporting and Graphical Capability
- Legacy Program, Ease of Use
COMPASS 7

Level of Repair Analysis (LORA) Tool

COMPASS Overview

COMPASS is a software tool designed to assist in conducting a Level of Repair Analysis (LORA) study (Required by AR 750-1). COMPASS is utilized by all services and is the Army’s standard system-level LORA model per AR-700-127 and the Navy’s preferred LORA model.

Benefits/Features

- Provides Required Level of Repair Analysis (LORA) Inputs
  - FEA, Optimized Maint. Policy, Policy Editor, Sensitivity Analysis.
- Provides Least Cost Maintenance Alternative
- Performs Repair vs. Discard Analysis
- Focuses on Highest Availability at the Lowest Cost.
- Free to Military, U.S. Govt, Active DoD Industry
  - Tool, Training, Procedures, Tech Support.
- Easy to Navigate Top-Down Hardware Structure
- Accepts .mdb, .csv, .xls, and .compass file formats.
SYSPARS Overview
SYSPARS is a tri-service expert system that assists PMs and Integrated Logistics Support Managers in preparation of integrated logistics support, supportability planning, and other acquisition and program management documentation. **Recommended by AR-700-127.**

Benefits
- Document Generating Expert System
  - Program Management
  - ILS/Product Support
  - Systems Engineering
  - Supportability Planning
- Current Policy compliant
- System Unique Tailoring
- High Quality Baseline Documents FAST!

Decision Support for Leadership
- An extensive knowledge base drives the SYSPARS expert system and incorporates the latest policy and procedures, training information, and expert knowledge experience.
- SYSPARS assists the user through interactive sessions in systematically considering all issues pertinent to the program and produces timely and comprehensive acquisition program documents.
Logistics and Engineering Center

Strategic Acquisition Logistics Solutions

Providing the Bridge to move Logistics Information from development to sustainment

Product Support Analysis

Products

Collected and Delivered

Standards Based LPD

GEIA-STD-0007
Developed By Standard Activities
SAE-TA-STD-9017
MIL-HDBK-502A

Required by Army Policy

AR 700-127

LPDS/LW

Requirements
Provisioning
Reliability Centered Maintenance
Personnel & Skills
Facilities
Support & Test Equipment
System Configuration
Maintenance Tasks & Engineering
RAM, FMECA
Training & Training Devices
PHS&T, Transportability
IUID

Standards Based Logistics Product Data provided as a service

Non-ERP Trading Partners (RDEC, OEM)

GCSS-A Required LPD

(COEI, AAL, BII, RPSTL, MAC)

User Feedback Loop

• Authorization List Item Summary
• Bill of Materials
• Failure, Mode, Effects and Criticality Analysis (FMECA)
• Indented Parts List
• Maintenance Allocation Charts
... plus much more

ACBA

ERP

ERP & Non-ERP

Accountable Data

GCSS-ARMY

ERP

AESEP

Technical

Enabler

GFEBS

Financial

GCSS-A

Army National
Sustainment
ERP

ARP

Non-ERP

Requirements

PMs/OEMs/ARDEC

Life Cycle Logistics Engineering Toolset

LCLET

Standards Based
Logistics Product Data
provided as a service