LSA Bicycle Example

- Team
- Charter
- Objectives
- Scheme
- Opportunities
## Task Team

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Task Team Charter

• Develop an S3000L Logistic Support Analysis (LSA) that aligns with the S1000D Bicycle Example. Engage and work with the S1000D Data Samples Working Group (DSWG) for this effort.
Purpose

• The bicycle example is twofold.
  – Outline significant LSA activities leading up to the LSA Maintenance Task Analysis
    • Customer requirements, product usage data, LSA Guidance Conferences, Ground Rules & Assumptions, etc.
  – Demonstrate how the results of the LSA Maintenance Task Analysis can be used within the Tech Pub domain
Objectives

• Chapter 3 LSA Business Process
  – Identification of LSA Candidate Items
  – Illustrate both Functional and Physical perspectives of the LSA Candidate items

• Chapter 7 LSA Failure Mode & Effects Analysis
  – Show how maintenance task requirements are determined
Objectives

• Chapter 9 LSA Related Operation Analysis
  Chapter 8 Damage & Special Events Analysis
  – Describe how operational and event driven tasks are developed

• Chapter 10 Scheduled Maintenance Analysis
  – Describe the development of scheduled maintenance
Objectives

• Chapter 12 Maintenance Task Analysis
  – Describe the structure and content of an LSA task.
    • task definition to include applicability
    • task limits and related thresholds
    • types and structure of the task narrative information
    • support resource identification of personnel, tools, facilities, repair/spare parts and consumable material
Objectives

• Chapter 20 Data Exchange
  – Units of Functionality
    • Breakdown Structure
    • Part
    • LSA Candidate
    • LSA FMEA
    • LSA Candidate Item Task Requirement
    • Task
    • Applicability Statement supported by DEX3AD
    • Task Resources
Scheme

Requirements & Key Performance Parameters

Product Design

Product Breakdown

FMECA

RCM

Scheduled Tasks

Supporting Tasks

Resources

LSA-FMEA

Special Events

Unscheduled Tasks

Operational Events
Growth Opportunities

• Initial Provisioning (S2000M)
• Scheduled Maintenance (S4000M)
• In Service Feedback (S5000F)