OmegaPS LSAR - Basic

secure. manage. deliver.

PreRequisite: Previous Introduction to ILS/IPS (recommended)

Classroom Duration: 5 days (recommended) Virtual Duration: 12 x 3 hours

This course is intended to provide ILS/IPS practitioners with an understanding of the Pennant OmegaPS LSAR software and its use as an enabler across the life cycle. Lectures/presentations are complemented by a series of practical exercises analysing an equipment and developing a maintenance program for it, including capturing, using exporting and managing the resulting data.

This course will provide ILS/IPS, LSA practitioners and supportability engineers with the skills to use the OmegaPS LSAR software effectively.

Chapter 1	**Introduction to OmegaPS and Associated Standards**
	• OmegaPS Features • Exploring the Supported Standards • Supportability Principles and Objectives • Product Support Analysis Fundamentals • Understanding Data Elements and Data Exchange Files
Chapter 2	**How to Initiate an LSAR Project**
	• Creating Product Structure • Interpret XML
Chapter 3	**Recording Information Resulting from LSA/PSA**
	• Provisioning Information • Operability and Maintainability Requirements • Reliability, Availability and Maintainability Information • Item Functions • Failure Modes and Effects Analysis • Reliability Centred Maintenance Process and Record • Maintenance Tasks Analysis Information • Additional Provisioning Data • Alternates and Configurations
Chapter 4	**Additional Product Features**
	• User Reports • Calculations • Embedding Objects and Multimedia • Commenting System • Change Management
Chapter 5	**Capturing and using S Series data in OmegaPS**
	• Capturing S1000d and S2000m Data • Data Exchange to Common Source Databases and Authoring Tools