Level of Repair Analysis
Theory Course

Course Outline

The aim of this course is to provide an understanding of what Level of Repair Analysis (LORA) is, where it fits within the LSA Process, and the methodology behind a LORA including planning, conducting and applying the principles of LORA to provide LORA Outcomes that may influence maintenance policy, maintenance activities and influence related Integrated Logistics Support (ILS) elements.

The course will also introduce students to the relevant standards and terminology.

Note: Nominees for this course should be aware that although the LES LORA application (eLORA) is used to help demonstrate the principles of LORA, the underpinning knowledge that will be gained is essentially the same for all LORA activities and transferable to other LORA applications/tools.

Target Audience

The target audience for this module includes the following broad categories of personnel:

- Design staff
- Engineering staff
- Maintenance Planners
- Logistic Engineers
- Logistic Support Analysts
- Repairable Item Managers

Course Delivery

The course is conducted over one (1) day, as either Face-to-Face (F2F) or Online delivery.

Course Elements

The course includes (in no particular order):

- What is LORA
- What LORA is not
- Why do LORA
- LORA Lifecycle
- Planning a LORA
- LORA Methodology
- Finding Data in Costs
- Using Data
- Configuration
- Determining LORA Requirements
- LORA Assumptions
- SM&R Codes
- Repair Level Analysis (RLA) vs LORA
- Sensitivity Analysis