



## Objectives Sheet

### LOG 0300 - Reliability Centered Maintenance (RCM)

*Course Learning/Performance Objectives followed by enabling learning objectives*

<b>LOG 0300.U01.01</b>	<b>Apply an understanding of the relationship between operating age and equipment reliability and key events in the evolution of RCM.</b>
LOG 0300.U01.01.01	Identify the relationship between operating age and equipment reliability.
LOG 0300.U01.01.02	Understand the key events in the evolution of Reliability-Centered Maintenance.
<b>LOG 0300.U01.02</b>	<b>Address the factors concerning the difference between system capability and functional requirements and apply an understanding of the first five of the seven steps of the RCM process.</b>
LOG 0300.U01.02.01	Identify and understand the principles of RCM, concepts of RCM, and the first five steps of the RCM process
LOG 0300.U01.02.02	Describe the difference between system capability and functional requirements.
<b>LOG 0300.U01.03</b>	<b>Identify the common outputs of the RCM process, and apply an understanding of the final two of the seven steps of the RCM process including what key concepts determine if an on-condition, restoration, or replacement task is applicable and effective.</b>
LOG 0300.U01.03.01	Identify and understand the final two steps of the RCM process.
LOG 0300.U01.03.02	Understand on-condition, restoration, and replacement tasks and what key concepts determine if a task is applicable and effective.
LOG 0300.U01.03.03	Identify common outputs of the RCM process.
<b>LOG 0300.U01.04</b>	<b>Identify the role of historical data in RCM analysis, the system life cycle phases where RCM can be applied, that RCM is most effective the earlier it is begun, and that RCM is a continuous improvement process.</b>
LOG 0300.U01.04.01	Identify the role of historical data in RCM analysis.
LOG 0300.U01.04.02	Recognize the system life-cycle phases where RCM can be applied.
LOG 0300.U01.04.03	Recognize that RCM is a continuous improvement process.