

## AIRCRAFT MAINTENANCE PROGRAMME DEVELOPMENT & RELIABILITY MONITORING

### PROGRAMME REFERENCE:

AMPDRM

### PROGRAMME PRE-REQUISITES:

An engineering background.







### PROGRAMME SYNOPSIS:

This professional development training programme is designed to equip participants with the fundamental knowledge and skills necessary to evaluate the reliability of aircraft and aircraft items, as well as develop, implement, and manage an aircraft reliability centred maintenance programme that is based on the MRB process, MSG-3 analysis, and pertinent regulatory requirements.

It includes illustrative examples and activities to facilitate practical understanding and competence development.

**NOTE:** This course is the same as our [ARRCM course](#) except that it focusses only on statistical reliability techniques.

### KEY TOPICS:

-  Fundamentals of Reliability Engineering
-  Fundamentals of Redundancy
-  Statistical Reliability Techniques
-  Fundamentals of RCM
-  Aircraft Maintenance Programme
-  Aircraft Reliability Programme

### BENEFITS OF ATTENDING:

By the end of the programme, participants will be able to:

1. Define reliability and related terms.

2. Define redundancy and briefly discuss its types, effects, and cost implications.
3. Evaluate the reliability of aircraft and aircraft items using statistical techniques.
4. Define RCM and outline its principles, strategy, and benefits.
5. Explain what the development, implementation, and management of an aircraft RCM programme entails.

### PROGRAMME DURATION:

2 Days - 12 Training Hours

### PROGRAMME AVAILABILITY:

**SCHEDULED (PHYSICAL CLASSROOM):** Not Available

**IN-COMPANY:** Available - Standard & Tailored

**ONLINE:** Available - View options [here](#)

### PROGRAMME FEE:

**SCHEDULED (PHYSICAL CLASSROOM):** Not Applicable

**IN-COMPANY:** Please [contact us](#) for a quote

**ONLINE:** Please [click here](#) for details

### WHO SHOULD ATTEND?

Reliability engineers, fleet managers, and other technical personnel involved with RCM within an aircraft operational environment. In particular, the programme is suitable for personnel who are new to the subject matter, or are already familiar with the fundamentals of the subject but require formal training to improve their knowledge and practical skill set.

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