

Name of Assessed Person:

Registration:

UNIT MEAMEC0067: Test Gas Turbine Engines and Engine Modules after Overhaul or Repair

1. Prepare Engine or Module for Testing	a. Engines - fixed or rotary wing gas turbine engine or modules (turbo-jet, turbofan, turbo-shaft, turboprop), or auxiliary power unit	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

- 1.1 Check maintenance documentation to confirm that engine or module is ready for testing.
- 1.2 Assemble engine modules into a test engine, where required.
- 1.3 Configure engine for testing in accordance with maintenance manual requirements and standard enterprise procedures.

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2. Install Engine in Test Stand	a. Engines - fixed or rotary wing gas turbine engine or modules (turbo-jet, turbofan, turbo-shaft, turboprop), or auxiliary power unit	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

- 2.1 Install engine in test stand in accordance with maintenance manual requirements and standard enterprise procedures while observing all relevant work health and safety (WHS) requirements, including the use of material safety data sheets (MSDSs) and items of personal protective equipment (PPE).
- 2.2 Check fuel, oil and fluid levels.
- 2.3 Prepare engine test stand for operation.

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3. Run and Test Engine or Module Performance	a. Engines - fixed or rotary wing gas turbine engine or modules (turbo-jet, turbofan, turbo-shaft, turboprop), or auxiliary power unit	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

- 3.1 Start engine and check operating parameters.
- 3.2 Test and trim engine performance, where applicable, in accordance with maintenance manual requirements and standard enterprise procedures, and seek required supervisory guidance for complex testing and adjustments.
- 3.3 Record engine operating parameters and test results in accordance with standard enterprise procedures.

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4. Remove Engine from Test Stand	a. Engines - fixed or rotary wing gas turbine engine or modules (turbo-jet, turbofan, turbo-shaft, turboprop), or auxiliary power unit	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

- 4.1 Remove engine from test stand in accordance with maintenance manual requirements and standard enterprise procedures while observing all relevant WHS requirements, including the use of MSDSs and items of PPE.
- 4.2 Configure, inhibit and prepare serviceable engines or modules in accordance with maintenance manual requirements and standard enterprise procedures for transport or storage, and seek required supervisory guidance for complex testing and adjustments.
- 4.3 Return unserviceable engines or modules to workshop in accordance with standard enterprise procedures for rectification or rework.

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Certification of Underpinning Knowledge and Skills to Test Gas Turbine Engines and Engine Modules after Overhaul or Repair

A person cannot be assessed as competent until it can be demonstrated to the satisfaction of the workplace assessor that the relevant elements of this unit of competency are being achieved under routine supervision on each type of system and on at least one (1) item of each group listed in the assessment conditions a). This shall be established via the records in the Log of Industrial Experience and Achievement or, where appropriate, an equivalent Industry Evidence Guide (for details refer to the Companion Volume Implementation Guide).

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Evidence has been confirmed of the attainment of the following pre-requisite units of competency (as they are related to attainment of the elements of competency specified in this unit).	
MEC0063, MEC0064, MEC0065, MEC0066	
Evidence has been confirmed of the knowledge requirements for this unit as delivered by a CASR 147 Approved Organisation.	
OR	
Assessment has been conducted to determine that the underpinning knowledge and skills have been achieved in accordance with the Competency Unit.	

Certification of Unit Completion

I certify that I have reviewed the certification of the elements for this competency unit and that all of the competency unit requirements have been met.

Signed: _____ **Assessor No.** _____ **MTO:** _____ **Date:** _____

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