

Name of Assessed Person:

Registration:

UNIT MEAMEC0028: Maintain aircraft gas turbine engine components or component parts

1. Prepare to dismantle, inspect, maintain and assemble aircraft gas turbine engine components or parts	a. Maintain basic components including oil coolers, fuel nozzles, flex drive shafts, fuel manifolds and engine bearings, engine change unit hoses, pipes and ducts, and like components fitted to modular assemblies and sub-assemblies	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Repair or modify compressor and turbine blades.	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

- 1.1 Remove and disassemble components or parts in accordance with enterprise procedures, relevant maintenance documentation, and qualified person guidance 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)
- 1.2 Confirm maintenance and repair requirements as defined by the qualified person, enterprise procedures, and the relevant maintenance documentation.
- 1.3 Accurately specify tagging and repair instructions in accordance with enterprise procedures and qualified person directions for parts requiring specialist repair.
- 1.4 Select and prepare appropriate materials, tools, equipment, and assembly or fabrication jigs, when required, for the maintenance and repair requirements in accordance with enterprise procedures and relevant maintenance documentation.

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2. Dismantle, inspect, maintain, and assemble aircraft gas turbine engine components or parts	a. Maintain basic components including oil coolers, fuel nozzles, flex drive shafts, fuel manifolds and engine bearings, engine change unit hoses, pipes and ducts, and like components fitted to modular assemblies and sub-assemblies	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Repair or modify compressor and turbine blades.	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

- 2.1 Carry out routine maintenance, repair or modification in accordance with relevant manufacturers' bulletins, required enterprise procedures and specifications while observing all relevant WHS requirements, including the use of MSDSs and items of PPE.
- 2.2 Assemble component parts within specified tolerances and in accordance with enterprise procedures and the appropriate maintenance documents.
- 2.3 Provide assistance, where applicable and as required by the qualified person, in the final adjustment and testing of components to confirm serviceability.

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3. Complete maintenance repair or modification activities	a. Maintain basic components including oil coolers, fuel nozzles, flex drive shafts, fuel manifolds and engine bearings, engine change unit hoses, pipes and ducts, and like components fitted to modular assemblies and sub-assemblies	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Repair or modify compressor and turbine blades.	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

- 3.1 Complete required documentation and process in accordance with standard enterprise procedures.
- 3.2 Tag, seal and pack components within specified procedures.

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Certification of Underpinning Knowledge and Skills to Maintain aircraft gas turbine engine components or component parts

The following conditions of assessment represent the requirements of the regulators Defence Aviation Safety Authority (DASA) and Civil Aviation Safety Authority (CASA) and maintenance stakeholders and must be rigorously observed.

Skills must have been demonstrated under routine supervision in the workplace or in a simulated environment that reflects workplace conditions and contingencies encountered in maintaining aircraft basic hydraulic and pneumatic components or component parts. The following conditions must be met for this unit:

use of suitable facilities, equipment and resources, including workplace procedures, manufacturing specifications, codes, standards, manuals, and reference materials relevant to maintaining aircraft basic hydraulic and pneumatic components or component; components, parts, tools and equipment specified in maintenance documentation; general- and special-purpose tools found in most routine situations.

Evidence of tasks demonstrating competency must be recorded in a log of industrial experience and achievement.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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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).	
MEA107, MEA154, MEA155, MEA156, MEA157, MEA158	
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:** _____