

Name of Assessed Person:

Registration:

UNIT MEAMEC0024: Fabricate and Repair Aircraft Mechanical Components or Component Parts

1. Fabricate Mechanical Components or Parts.		No. of Entries	1	2	3		
		a. Hoses	Tail / Job No.				
			LAME Sign.				
			Date				
			Simulated	Yes No	Yes No	Yes No	Yes No
b. Pipes	No. of Entries		1	2	3		
	Tail / Job No.						
	LAME Sign.						
	Date						
	Simulated	Yes No	Yes No	Yes No	Yes No		
c. Cables, Pulleys, Chains, Sprockets, Gear Drives	No. of Entries	1	2	3			
	Tail / Job No.						
	LAME Sign.						
	Date						
	Simulated	Yes No	Yes No	Yes No	Yes No		
d. Control Rods, Bellcranks, Links	No. of Entries	1	2	3			
	Tail / Job No.						
	LAME Sign.						
	Date						
	Simulated	Yes No	Yes No	Yes No	Yes No		

Performance Criteria:

- 1.1 Interpret specifications to determine the dimensions and procedure for fabrication.
- 1.2 Select and prepare appropriate materials, tools, equipment and assembly or fabrication jigs for the specification requirements.
- 1.3 Fabricate components or component parts in accordance with required specifications 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).
- 1.4 Use test equipment and rigs, when required, to confirm serviceability of finished components.
- 1.5 Tag, seal and pack fabricated components within specified procedures.
- 1.6 Complete required maintenance documentation and process in accordance with standard enterprise procedures.

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2. Repair Mechanical Components or Parts.	a. Hoses	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Pipes	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Cables, Pulleys, Chains, Sprockets, Gear Drives	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	d. Control Rods, Bellcranks, Links	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

- 2.1 Determine repair or replacement requirements following disassembly and assess component parts for serviceability, in accordance with the relevant maintenance documentation while observing all relevant WHS requirements, including the use of MSDSs and items of PPE
- 2.2 Accurately specify tagging and repair instructions for parts requiring specialist repair
- 2.3 Modify components or component parts according to relevant manufacturers' bulletins or procedures
- 2.4 Assemble mechanical component parts within specified tolerances and in accordance with the appropriate maintenance documents
- 2.5 Make required adjustments to mechanical components or component parts to operate within prescribed specifications
- 2.6 Tag, seal and pack repaired components in accordance with specified procedures
- 2.7 Complete required maintenance documentation and process in accordance with standard enterprise procedures

Note: Repair comprises standard techniques for Pipes; Replacement of Eye-Ends, Tubes or Bearings for Control Rods/Pulleys/Sprockets; Bushes or Bearings for Bellcranks and Links.

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Certification of Underpinning Knowledge and Skills to Fabricate and / or Repair Aircraft Mechanical Components or Component Parts

A person cannot be assessed as competent until it can be demonstrated to the satisfaction of the workplace assessor that the relevant elements and performance criteria of the unit of competency are being achieved under routine supervision on at least one (1) item from each of the following groups listed in the assessment conditions a) to d). 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).	
107, 154, 155, 156, 157, 158	
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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