

**Name of Assessed Person:**

**Registration:**

**UNIT MEA303: Remove and install aircraft pneumatic system components**

<b>1. Remove pneumatic system components.</b>	a. Filters, valves, pumps, motors, actuators and regulators	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Gauges (direct reading), temperature sensors, pressurisation controllers and temperature controllers	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Heat exchangers, pressure vessels, condensers, compressors, expansion turbines and humidifiers	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	d. Rigid and flexible pipelines, hoses and fittings	No. of Entries	1	2	3
Tail / Job No.					
LAME Sign.					
Date					
Simulated		Yes No	Yes No	Yes No	

**Performance Criteria:**

- 1.1 Pneumatic system is rendered safe and prepared in accordance with the applicable maintenance manual, including fitment of isolation tags, where necessary, to ensure personal safety.
- 1.2 Removal of components is carried out in accordance with the applicable maintenance manual while observing all relevant work health and safety (WHS) requirements, including the use of material safety data sheets (MSDS) and items of personal protective equipment (PPE)
- 1.3 Required maintenance documentation is completed and processed in accordance with standard enterprise procedures.
- 1.4 Removed components are tagged, sealed and packaged in accordance with specified procedures.

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**UNIT MEA303: Remove and install aircraft pneumatic system components**

<b>1. Cont'd Remove pneumatic system components.</b>	e. Ducting	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	f. Fire-extinguishers, including those containing ODS or SGG extinguishing agents (e.g. BCF) <b>(may be omitted where not applicable to enterprise)</b>	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

**Performance Criteria:**

- 1.1 Pneumatic system is rendered safe and prepared in accordance with the applicable maintenance manual, including fitment of isolation tags, where necessary, to ensure personal safety.
- 1.2 Removal of components is carried out in accordance with the applicable maintenance manual while observing all relevant work health and safety (WHS) requirements, including the use of material safety data sheets (MSDS) and items of personal protective equipment (PPE)
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- 1.4 Removed components are tagged, sealed and packaged in accordance with specified procedures.

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**UNIT MEA303: Remove and install aircraft pneumatic system components**

2. Install pneumatic system components.	a. Filters, valves, pumps, motors, actuators and regulators	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Gauges (direct reading), temperature sensors, pressurisation controllers and temperature controllers	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Heat exchangers, pressure vessels, condensers, compressors, expansion turbines and humidifiers	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	d. Rigid and flexible pipelines, hoses and fittings	No. of Entries	1	2	3
Tail / Job No.					
LAME Sign.					
Date					
Simulated		Yes No	Yes No	Yes No	

**Performance Criteria:**

- 2.1 Components to be installed are checked to confirm correct part numbers, serviceability and modification status.
- 2.2 Installation is carried out to pneumatic system in accordance with the applicable maintenance manual while observing all relevant WHS requirements, including the use of MSDS and items of PPE.
- 2.3 Required maintenance documentation is completed and processed in accordance with standard enterprise procedures.

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Registration:

**UNIT MEA303: Remove and install aircraft pneumatic system components**

<b>2. Cont'd Install pneumatic system components.</b>	e. Ducting	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	f. Fire-extinguishers, including those containing ODS or SGG extinguishing agents (e.g. BCF) <b>(may be omitted where not applicable to enterprise)</b>	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

**Performance Criteria:**

- 2.1 Components to be installed are checked to confirm correct part numbers, serviceability and modification status.
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- 2.3 Required maintenance documentation is completed and processed in accordance with standard enterprise procedures.

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**Certification of Underpinning Knowledge and Skills to Perform Remove and install aircraft pneumatic system components**

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 from each group listed in the assessment conditions a) to f) that are applicable to the enterprise. ***(Group 1f and Group 2f) may be omitted where they are not Applicable to the Enterprise.*** 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 Assessment Guidelines).

UNIT MEA303: Remove and install aircraft pneumatic system components	Date/ MTO Stamp
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).  <p style="text-align: center;"><b>107, 154, 155, 156, 157, 158</b></p>	
Evidence has been confirmed of the knowledge requirements for this unit as delivered by a CASR 147 Approved Organisation.  <p style="text-align: center;"><b>OR</b></p> 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: \_\_\_\_\_

**Name of Assessed Person:**

**Registration:**

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