

**Registration:** 

UNIT MEAAVI0004: F	Remove and	Install Basic Aircraft Instrument System Components				
			No. of Entries	1	2	3
		Ditat / Static System Components, Aircroad Indicators (ASIs)	Tail / Job No.			
	а.	Pitot / Static System Components, Airspeed Indicators (ASIs), Vertical Speed Indicators (VSIs) and Counter Pointer Altimeters	LAME Sign.			
		vertical speed indicators (vsis) and counter Former Animeters	Date			
			Simulated	Yes No	Yes No	Yes No
		b. Directional Gyros (DGs), Artificial Horizons (AHs) both Air and Electrical driven	No. of Entries	1	2	3
	h		Tail / Job No.			
	D.		LAME Sign.			
1.			Date			
Remove Basic Aircraft			Simulated	Yes No	Yes No	Yes No
Instrument System		c. Turn and Bank and Slip / Turn Co-ordinators	No. of Entries	1	2	3
Components			Tail / Job No.			
	с.		LAME Sign.			
			Date			
			Simulated	Yes No	Yes No	Yes No
			No. of Entries	1	2	3
			Tail / Job No.			
	d.	Direct Reading Compasses	LAME Sign.			
			Date			
			Simulated	Yes No	Yes No	Yes No

## Performance Criteria:

1.1 Render system safe and prepare it in accordance with maintenance manual, fitting required isolation tags to ensure personnel safety.

1.2 Remove instrument components in accordance with maintenance manual while observing all relevant work health and safety (WHS) requirements.

- 1.3 Complete and process required maintenance documentation relating to removal in accordance with standard enterprise procedures.
- 1.4 Tag and pack removed components in accordance with industry, enterprise and manufacturer procedures.



**Registration:** 

UNIT MEAAVI0004:	Remov <u>e</u> a	and I	nstall Basic Aircraft Instrument System Components							
				No. of Entries	1	-	-	2	(T)	3
		-		Tail / Job No.						
		e.	Remote Reading Gyro Compass Systems (may be omitted if not relevant to the enterprise)	LAME Sign.						
			relevant to the enterprise	Date						
				Simulated	Yes	No	Yes	No	Yes	No
				No. of Entries	1		. 4	2	(1)	3
		£	Dictor Engine Indication Systems and Components (Direct Deading	Tail / Job No.						
		f.	Piston Engine Indication Systems and Components (Direct Reading Measuring Instruments and Temperature Indication)	i i i i i i i i i i i i i i i i i i i						
1. Cont'd	nt'd	Measuring instruments and remperature indication	Date							
Remove Basic Aircraft				Simulated	Yes	No	Yes	No	Yes	No
Instrument System				No. of Entries	1	-	Ĩ	2	3	3
Components		a	Gas Turbine Engine Indication Systems and Components (may be	Tail / Job No.						
		g.	omitted if not relevant to the enterprise)	LAME Sign.						
			onitied in not relevant to the enterprise	Date						
				Simulated	Yes	No	Yes	No	Yes	No
				No. of Entries	1	-	ź	2	3	3
		h.	Electrical systems indication (Voltage, Current, Power and	Tail / Job No.						
			Frequency)	LAME Sign.						
			requency,	Date						
			Simulated	Yes	No	Yes	No	Yes	No	

## Performance Criteria:

1.1 Render system safe and prepare it in accordance with maintenance manual, fitting required isolation tags to ensure personnel safety.

1.2 Remove instrument components in accordance with maintenance manual while observing all relevant work health and safety (WHS) requirements.

- 1.3 Complete and process required maintenance documentation relating to removal in accordance with standard enterprise procedures.
- 1.4 Tag and pack removed components in accordance with industry, enterprise and manufacturer procedures.

Aviation		
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	AUSTRALIA	

**Registration:** 

UNIT MEAAVI0004:	Remove and Install Basic Aircraft Instrument System Components				
		No. of Entries	1	2	3
		Tail / Job No.			
	i. Basic Fuel Quantity Indication Components LAN	LAME Sign.			
1. Cont'd		Date			
Remove Basic Aircraft		Simulated	Yes No	Yes No	Yes No
Instrument System		No. of Entries	1	2	3
Components		Tail / Job No.			
	j. Pneumatic/Vacuum Indication System Components	LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
Performance Criteria:					

- 1.1 Render system safe and prepare it in accordance with maintenance manual, fitting required isolation tags to ensure personnel safety.
- 1.2 Remove instrument components in accordance with maintenance manual while observing all relevant work health and safety (WHS) requirements.
- 1.3 Complete and process required maintenance documentation relating to removal in accordance with standard enterprise procedures.
- 1.4 Tag and pack removed components in accordance with industry, enterprise and manufacturer procedures.



**Registration:** 

UNIT MEAAVI0004: R	Remove <u>an</u>	d Install Basic Aircraft Instrument System Components				
			No. of Entries	1	2	3
		Ditat / Static System Components Airspeed Indicators (ASIs)	Tail / Job No.			
	a.	Pitot / Static System Components, Airspeed Indicators (ASIs), Vertical Speed Indicators (VSIs) and Counter Pointer Altimeters	LAME Sign.			
		vertical speed indicators (vsis) and counter Fointer Animeters	Date			
		Simula	Simulated	Yes No	Yes No	Yes No
			No. of Entries	1	2	3
	h	Directional Cures (DCs) Artificial Herizons (Alls) both Air and	Tail / Job No.			
	b. Directional Gyros (DGs), Artificial Horizons (AHs) both Air and	Electrical driven	LAME Sign.			
2.			Date			
Install Basic Aircraft			Simulated	Yes No	Yes No	Yes No
Instrument System			No. of Entries	1	2	3
Components			Tail / Job No.			
	с.	Turn and Bank and Slip / Turn Co-ordinators	LAME Sign.			
			Date			
			Simulated	Yes No	Yes No	Yes No
			No. of Entries	1	2	3
			Tail / Job No.			
	d.	Direct Reading Compasses	LAME Sign.			
			Date			
			Simulated	Yes No	Yes No	Yes No

# Performance Criteria:

- 2.1 Confirm correct part numbers, modification status, serviceability and shelf life of electrical components to be installed against maintenance manual.
- 2.2 Perform physical installation of instrument components in accordance with the applicable maintenance manual and regulatory requirements, and ensure appropriate adjustment or alignment is carried out.
- 2.3 Reinstate system to operational condition in preparation for testing, as necessary and in accordance with maintenance manual.
- 2.4 Complete and process required maintenance documentation relating to installation in accordance with standard enterprise procedures.



**Registration:** 

UNIT MEAAVI0004:	Remove	and I	nstall Basic Aircraft Instrument System Components							
				No. of Entries	1	L		2	(1)	3
		-		Tail / Job No.						
		e.	Remote Reading Gyro Compass Systems (may be omitted if not relevant to the enterprise)	LAME Sign.						
				Date						
				Simulated	Yes	No	Yes	No	Yes	No
				No. of Entries	1	<u>L</u>		2	1	3
		t	Dictor Engine Indication Systems and Components (Direct Deading	Tail / Job No.						
		f. Piston Engine Indication Systems and Components (Direct Reading Measuring Instruments and Temperature Indication)	LAME Sign.							
2. Cont'd	nťd			Date						
Install Basic Aircraft				Simulated	Yes	No	Yes	No	Yes	No
Instrument System				No. of Entries	1	L	2	2	3	3
Components		a	Gas Turbing Engine Indication Systems and Components (may be	Tail / Job No.						
		g.	Gas Turbine Engine Indication Systems and Components (may be omitted if not relevant to the enterprise)	LAME Sign.						
			omitted in not relevant to the enterprise)	Date						
				Simulated	Yes	No	Yes	No	Yes	No
				No. of Entries	1	L	2	2		3
		h.	Electrical systems indication (Voltage, Current, Dower and	Tail / Job No.						
		11.	Electrical systems indication (Voltage, Current, Power and Frequency)	LAME Sign.						
			ricquency,	Date						
			Simulated	Yes	No	Yes	No	Yes	No	

# Performance Criteria:

- 2.1 Confirm correct part numbers, modification status, serviceability and shelf life of electrical components to be installed against maintenance manual.
- 2.2 Perform physical installation of instrument components in accordance with the applicable maintenance manual and regulatory requirements, and ensure appropriate adjustment or alignment is carried out.
- 2.3 Reinstate system to operational condition in preparation for testing, as necessary and in accordance with maintenance manual.
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UNIT MEAAVI0004:	Remove	e and	Install Basic Aircraft Instrument System Components							
				No. of Entries	1		2	2	3	3
	i. j.			Tail / Job No.						
			LAME Sign.							
2. Cont'd			Date							
Install Basic Aircraft				Simulated	Yes	No	Yes	No	Yes	No
Instrument System			No. of Entries	1		2	2	3	3	
Components			j. Pneumatic/Vacuum Indication System Components	Tail / Job No.						
		j. Pneumatic/Vacuum Indication System Components		LAME Sign.						
			Date							
				Simulated	Yes	No	Yes	No	Yes	No
Performance Criteria:										

2.1 Confirm correct part numbers, modification status, serviceability and shelf life of electrical components to be installed against maintenance manual.

2.2 Perform physical installation of instrument components in accordance with the applicable maintenance manual and regulatory requirements, and ensure appropriate adjustment or alignment is carried out.

2.3 Reinstate system to operational condition in preparation for testing, as necessary and in accordance with maintenance manual.

2.4 Complete and process required maintenance documentation relating to installation in accordance with standard enterprise procedures.

	Trade Unit Certification Sheets	AA TT PRO 01a

**Registration:** 

# Confirmation of Underpinning Knowledge and Skills to Remove and Install Basic Aircraft Instrument 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 and performance criteria of the unit of competency are being achieved under routine supervision on at least one (1) component from each of the Groups a) to j). (Groupe e) and g) may be omitted if not relevant 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 Implementation Guide).

UNIT MEAAVI0004: Remove and Install Basic Instrument 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).	
201	
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.		МТО:		Date:	
Approved by: Technical Training Manager		01/12/2023 trolled if Printed		R: 3		Page: 7 of 8

			Trade Unit Certification Sheets	AA TT PRO 01a
Name	of Assessed Person:	Registration	1:	

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