Name of Assessed Person: **Registration:**

UNIT MEAAVI0004: Remove and Install Basic Aircraft Instrument System Components					
1. **Remove Basic Aircraft Instrument System Components**	a. Pitot / Static System Components, Airspeed Indicators (ASIs), Vertical Speed Indicators (VSIs) and Counter Pointer Altimeters	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		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
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Turn and Bank and Slip / Turn Co-ordinators	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	d. Direct Reading Compasses	No. of Entries	1	2	3
		Tail / Job No.			
		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.

Name of Assessed Person: **Registration:**

UNIT MEAAVI0004: Remove and Install Basic Aircraft Instrument System Components					
1. Cont'd Remove Basic Aircraft Instrument System Components	e. Remote Reading Gyro Compass Systems **(may be omitted if not relevant to the enterprise)**	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	f. Piston Engine Indication Systems and Components (Direct Reading Measuring Instruments and Temperature Indication)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	g. Gas Turbine Engine Indication Systems and Components **(may be omitted if not relevant to the enterprise)**	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	h. Electrical systems indication (Voltage, Current, Power and Frequency)	No. of Entries	1	2	3
		Tail / Job No.			
		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.

Name of Assessed Person: **Registration:**

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

Name of Assessed Person: **Registration:**

UNIT MEAAVI0004: Remove and Install Basic Aircraft Instrument System Components					
2. Install Basic Aircraft Instrument System Components	a. Pitot / Static System Components, Airspeed Indicators (ASIs), Vertical Speed Indicators (VSIs) and Counter Pointer Altimeters	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		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
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Turn and Bank and Slip / Turn Co-ordinators	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	d. Direct Reading Compasses	No. of Entries	1	2	3
		Tail / Job No.			
		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.

Name of Assessed Person: **Registration:**

UNIT MEAAVI0004: Remove and Install Basic Aircraft Instrument System Components					
2. Cont'd Install Basic Aircraft Instrument System Components	e. Remote Reading Gyro Compass Systems **(may be omitted if not relevant to the enterprise)**	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	f. Piston Engine Indication Systems and Components (Direct Reading Measuring Instruments and Temperature Indication)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	g. Gas Turbine Engine Indication Systems and Components **(may be omitted if not relevant to the enterprise)**	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	h. Electrical systems indication (Voltage, Current, Power and Frequency)	No. of Entries	1	2	3
		Tail / Job No.			
		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.

Name of Assessed Person: **Registration:**

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

Name of Assessed Person: **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.** _____ **MTO:** _____ **Date:** _____

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