Name of Assessed Person: **Registration:**

UNIT MEA292: Remove and Install Advanced Aircraft Instrument System Components						
1. **Remove Advanced Aircraft Instrument System Components**	a. Pitot/Static System Components, Airspeed Indicators (ASIs), Vertical Speed Indicators (VSIs), Air Data System Components, Machmeters, Altimeters including Servo and Encoding Altimeters, Outside Air Temperature Gauge (OAT), Angle of Attack and Stall Warning / Avoidance Systems	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Turn and Slip, Directional Gyros (DGS), Artificial Horizons (AHS), Attitude Heading Reference System (AHRS) components (**where applicable to organisation**), Remote Reading Gyro Compass System Components and Direct Reading Compasses	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Turbine Engine Indication Systems	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	d. Transmitter / Indicator Measuring Instrument Systems (Pressure, Temperature, Position)	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 for removal according to applicable maintenance manual.
1.2 Fit isolation tags, where necessary, to ensure personnel safety.
1.3 Remove ***Instrument component*** removal is carried out in accordance with the applicable maintenance manual while observing all relevant work health and safety (WHS) requirements.
1.4 Complete Required maintenance documentation is completed and processed in accordance with standard organisational procedures.
1.5 Tag and package removed components according to specified procedures.

Name of Assessed Person: **Registration:**

UNIT MEA292: Remove and Install Advanced Aircraft Instrument System Components					
1. Cont'd **Remove Advanced Aircraft Instrument System Components**	e. Fuel Quantity Indication and Flow Systems Components	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	f. Ground Proximity Warning System (GPWS) **(may be omitted where not applicable to the organisation)**	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	g. Flight Data Recorders (FDRs) **(may be omitted where not applicable to the organisation)**	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 for removal according to applicable maintenance manual.
1.2 Fit isolation tags, where necessary, to ensure personnel safety.
1.3 Remove ***Instrument component*** removal is carried out in accordance with the applicable maintenance manual while observing all relevant work health and safety (WHS) requirements.
1.4 Complete Required maintenance documentation is completed and processed in accordance with standard organisational procedures.
1.5 Tag and package removed components according to specified procedures.

Name of Assessed Person: **Registration:**

UNIT MEA292: Remove and Install Advanced Aircraft Instrument System Components						
2. **Install Advanced Aircraft Instrument System Components**	a. Pitot/Static System Components, Airspeed Indicators (ASIs), Vertical Speed Indicators (VSIs), Air Data System Components, Machmeters, Altimeters including Servo and Encoding Altimeters, Outside Air Temperature Gauge (OAT), Angle of Attack and Stall Warning / Avoidance Systems	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Turn and Slip, Directional Gyros (DGS), Artificial Horizons (AHS), Attitude Heading Reference System (AHRS) components (**where applicable to organisation**), Remote Reading Gyro Compass System Components and Direct Reading Compasses	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Turbine Engine Indication Systems	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	d. Transmitter / Indicator Measuring Instrument Systems (Pressure, Temperature, Position)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

2.1 Check instrument Components to be installed are checked to confirm correct part numbers, modification status, serviceability and shelf life.
2.2 Perform physical installation of instrument components is performed in accordance with the applicable maintenance manual and regulatory requirements, ensuring appropriate adjustment/alignment is carried out.
2.3 Reinstate system to correct operational condition in preparation for testing, as necessary.

Name of Assessed Person: **Registration:**

UNIT MEA292: Remove and Install Advanced Aircraft Instrument System Components

2. Cont'd Install Advanced Aircraft Instrument System Components	e. Fuel Quantity Indication and Flow Systems Components	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	f. Ground Proximity Warning System (GPWS) **(may be omitted where not applicable to the organisation)**	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	g. Flight Data Recorders (FDRs) **(may be omitted where not applicable to the organisation)**	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

2.1 Check instrument Components to be installed are checked to confirm correct part numbers, modification status, serviceability and shelf life.
2.2 Perform physical installation of instrument components is performed in accordance with the applicable maintenance manual and regulatory requirements, ensuring appropriate adjustment/alignment is carried out.
2.3 Reinstate system to correct operational condition in preparation for testing, as necessary.

Name of Assessed Person: **Registration:**

UNIT MEA292:	**Remove and Install Advanced Aircraft Instrument System Components**						
3. **Finalise removal and installation documentation**	a. Pitot/Static System Components, Airspeed Indicators (ASIs), Vertical Speed Indicators (VSIs), Air Data System Components, Machmeters, Altimeters including Servo and Encoding Altimeters, Outside Air Temperature Gauge (OAT), Angle of Attack and Stall Warning / Avoidance Systems	No. of Entries	1		2		3	
		Tail / Job No.						
		LAME Sign.						
		Date						
		Simulated	Yes	No	Yes	No	Yes	No
	b. Turn and Slip, Directional Gyros (DGS), Artificial Horizons (AHS), Attitude Heading Reference System (AHRS) components (**where applicable to organisation**), Remote Reading Gyro Compass System Components and Direct Reading Compasses	No. of Entries	1		2		3	
		Tail / Job No.						
		LAME Sign.						
		Date						
		Simulated	Yes	No	Yes	No	Yes	No
	c. Turbine Engine Indication Systems	No. of Entries	1		2		3	
		Tail / Job No.						
		LAME Sign.						
		Date						
		Simulated	Yes	No	Yes	No	Yes	No
	d. Transmitter / Indicator Measuring Instrument Systems (Pressure, Temperature, Position)	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 maintenance documentation.
3.2 Process Maintenance documentation is processed in accordance with standard organisational procedures.

Name of Assessed Person: **Registration:**

UNIT MEA292: Remove and Install Advanced Aircraft Instrument System Components					
3. Cont'd Finalise removal and installation documentation	e. Fuel Quantity Indication and Flow Systems Components	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	f. Ground Proximity Warning System (GPWS) **(may be omitted where not applicable to the organisation)**	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	g. Flight Data Recorders (FDRs) **(may be omitted where not applicable to the organisation)**	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 maintenance documentation.
3.2 Process Maintenance documentation is processed in accordance with standard organisational procedures.

Name of Assessed Person: **Registration:**

Confirmation of Underpinning Knowledge and Skills to Remove and Install Advanced 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 Groups a) to g), ***(Groups f) and g) may be omitted where not applicable to the organisation).*** Candidate capability of providing the required performance and knowledge evidence must 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 MEA292: Remove and Install Advanced Aircraft 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). **Nil**	
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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