

AA TT PRO 01a

Name of Assessed Person: Registration:

UNIT MEAAVI0010: Inspect	, Test	and Troubleshoot Advanced Aircraft Instrument Systems and Component	ents					
			No. of Entries	1	2	2	:	3
	a.	Pitot / Static System Components, Airspeed Indicators (ASIS),	Tail / Job No.					
		Vertical Speed Indicators (VSIS), Air Data Systems and Components, Machmeters, Altimeters Including Servo and Encoding Altimeters,	LAME Sign.					
		Angle of Attack and Stall Warning / Avoidance Systems.	Date					
		This of Actaon and Stall Walling / Avoidance Systems.	Simulated	Yes No	Yes	No	Yes	No
	L	Turn and Slip Indicators, Directional Gyros (DGs), Artificial Horizons	No. of Entries	1	2	2	3	3
1.	b.		Tail / Job No.					
		(AHs), Attitude and Heading Reference Systems (AHRS) and Components, Remote Reading Gyro Compass Systems and	LAME Sign.					
		Components and Direct Reading Compasses	Date					
Inspect Advanced Aircraft		components and birect heading compasses	Simulated	Yes No	Yes	No	Yes	No
Instrument Systems and Components	c.	Turbine Engine Indication Systems and Components (Tachometers, Pressure, Temperature, Engine Performance, Engine Vibration)	No. of Entries	1	2	2	3	3
			Tail / Job No.					
			LAME Sign.				<u></u>	
			Date				<u></u>	
			Simulated	Yes No	Yes	No	Yes	No
			No. of Entries	1	2	2	3	3
	٨	Transmitter / Indicator Measuring Instrument Systems (Pressure,	Tail / Job No.					
	d.	Temperature and Position)	LAME Sign.				<u> </u>	
		remperature and Position)	Date					
			Simulated	Yes No	Yes	No	Yes	No

Performance Criteria:

- 1.1 Identify specific inspection requirements using maintenance documentation and modification status, including relevant system defect reports.
- 1.2 Check isolation tags and configure aircraft for safe system inspection and operation in accordance with maintenance manual.
- 1.3 Visually or physically check instrument system components for external signs of defects in accordance with maintenance manual while observing all relevant work health and safety (WHS) requirements.
- 1.4 Identify and report defects in accordance with standard enterprise procedures.



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UNIT MEAAVI0010: Inspect, Test and Troubleshoot Advanced Aircraft Instrument Systems and Components										
1. Cont'd Inspect Advanced Aircraft Instrument Systems and Components			No. of Entries	1	L	2	2		3	
			Tail / Job No.							
	e.	Fuel Quantity Indication and Flow Systems and Components	LAME Sign.							
			Date							
			Simulated	Yes	No	Yes	No	Yes	No	
		f. Ground Proximity Warning System (GPWS.) (may be omitted where not applicable to the enterprise)	No. of Entries	1	L	2	2		3	
	£ .		Tail / Job No.							
			LAME Sign.							
			Date							
			Simulated	Yes	No	Yes	No	Yes	No	
			No. of Entries	1		1 2		3		
		Flight Data Basardars (FDBs) (may be amitted where not applicable	Tail / Job No.							
	g.	Flight Data Recorders (FDRs) (may be omitted where not applicable to the enterprise)	LAME Sign.							
		to the enterprise)	Date							
		Simulated	Yes	No	Yes	No	Yes	No		

Performance Criteria:

- 1.1 Identify specific inspection requirements using maintenance documentation and modification status, including relevant system defect reports.
- 1.2 Check isolation tags and configure aircraft for safe system inspection and operation in accordance with maintenance manual.
- 1.3 Visually or physically check instrument system components for external signs of defects in accordance with maintenance manual while observing all relevant work health and safety (WHS) requirements.
- 1.4 Identify and report defects in accordance with standard enterprise procedures.



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UNIT MEAAVI0010: Inspect	, Test	and Troubleshoot Advanced Aircraft Instrument Systems and Component	ents						
			No. of Entries	1		2	<u>)</u>	(1)	3
	a.	Pitot / Static System Components, Airspeed Indicators (ASIS),	Tail / Job No.						
		Vertical Speed Indicators (VSIS), Air Data Systems and Components, Machmeters, Altimeters Including Servo and Encoding Altimeters,	LAME Sign.						
		Angle of Attack and Stall Warning / Avoidance Systems	Date						
		Si	Simulated	Yes	No	Yes	No	Yes	No
	h	Turn and Clin Indicators Directional Cores (DCs) Artificial Havinana	No. of Entries	1		2	<u>)</u>	(1)	3
2.	D.	(AHs), Attitude and Heading Reference Systems (AHRS) and Components, Remote Reading Gyro Compass Systems and Components and Direct Reading Compasses	Tail / Job No.						
			LAME Sign.						
			Date						
Test or Adjust Aircraft			Simulated	Yes	No	Yes	No	Yes	No
Advanced Instrument Systems and Components	c.	Turbine Engine Indication Systems and Components (Tachometers, Pressure, Temperature, Engine Performance, Engine Vibration)	No. of Entries	1		2	<u>)</u>	3	3
			Tail / Job No.						
			LAME Sign.						
		ressure, remperature, Engine refrontiance, Engine visitation,	Date						
			Simulated	Yes	No	Yes	No	Yes	No
			No. of Entries	1		2	<u> </u>		3
	d.	Transmitter / Indicator Measuring Instrument Systems (Pressure,	Tail / Job No.						
		Temperature and Position)	LAME Sign.						
		remperature and Position)	Date						
			Simulated	Yes	No	Yes	No	Yes	No

Performance Criteria:

- 2.1 Prepare aircraft and system for application of power or system operation in accordance with maintenance manual.
- 2.2 Perform functional testing of instrument system for evidence of serviceability or malfunction in accordance with maintenance manual.
- 2.3 Perform required calibration or adjustments to system in accordance with maintenance manual.



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UNIT MEAAVI0010: Inspect, Test and Troubleshoot Advanced Aircraft Instrument Systems and Components										
			No. of Entries	1		2	<u>)</u>	;	3	
			Tail / Job No.							
	e.	Fuel Quantity Indication and Flow Systems and Components	LAME Sign.							
			Date							
2. Cont'd Test / Adjust Advanced Aircraft Instrument Systems and Components		Si	Simulated	Yes	No	Yes	No	Yes	No	
		Ground Proximity Warning System (GPWS.) (may be omitted where not applicable to the enterprise)	No. of Entries	1		2	2	:	3	
	£		Tail / Job No.							
	f.		LAME Sign.							
		not applicable to the enterprise	Date							
and components			Simulated	Yes	No	Yes	No	Yes	No	
			No. of Entries	1		2	2	3	3	
	_	Elight Data Pacardars (EDBs) (may be amitted where not applicable	Tail / Job No.							
	to the enterprise)		LAME Sign.							
		to the enterprise;	Date							
		Simulated	Yes	No	Yes	No	Yes	No		

Performance Criteria:

- 2.1 Prepare aircraft and system for application of power or system operation in accordance with maintenance manual.
- 2.2 Perform functional testing of instrument system for evidence of serviceability or malfunction in accordance with maintenance manual.
- 2.3 Perform required calibration or adjustments to system in accordance with maintenance manual.



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Name of Assessed Person: Registration:

UNIT MEAAVI0010: I	nspect, 1	Test a	and Troubleshoot Advanced Aircraft Instrument Systems and Component	ents						
				No. of Entries	-	l	12	2	3	3
		a.	Pitot / Static System Components, Airspeed Indicators (ASIS), Vertical Speed Indicators (VSIS), Air Data Systems and Components,	Tail / Job No.						
			Machmeters, Altimeters Including Servo and Encoding Altimeters,	LAME Sign.						
			Angle of Attack and Stall Warning / Avoidance Systems	Date						
			7 mgie or recease and ocan transmig / revoluting of ocenio	Simulated	Yes	No	Yes	No	Yes	No
		L	Turn and Slip Indicators, Directional Gyros (DGs), Artificial Horizons (AHs), Attitude and Heading Reference Systems (AHRS) and Components, Remote Reading Gyro Compass Systems and Components and Direct Reading Compasses	No. of Entries	-	1	2	2	3	3
3. Troubleshoot Aircraft Advanced Instrument Systems		b.		Tail / Job No.						
				LAME Sign.						
				Date						
				Simulated	Yes	No	Yes	No	Yes	No
			Turbine Engine Indication Systems and Components (Tachometers, Pressure, Temperature, Engine Performance, Engine Vibration)	No. of Entries	-	1	2	2	3	3
		•		Tail / Job No.						
		C.		LAME Sign.						
				Date						
				Simulated	Yes	No	Yes	No	Yes	No
				No. of Entries		L	2	2	3	3
		d.	Transmitter / Indicator Measuring Instrument Systems (Pressure,	Tail / Job No.						
			Temperature and Position)	LAME Sign.						
			remperature and resident	Date						
				Simulated	Yes	No	Yes	No	Yes	No

Performance Criteria:

- 3.1 Use available information from maintenance documentation and inspection and test results to assist in fault determination of identified issues.
- 3.2 Troubleshoot issues to line replacement level using maintenance manual fault diagnosis guides and logic processes.
- 3.3 Obtain required specialist or supervisory advice to assist with the troubleshooting process.
- 3.4 Locate instrument system faults and identify and record causes of faults in required maintenance documentation in accordance with standard enterprise procedures.
- 3.5 Determine requirements for rectification of faults.
- ** Note: Troubleshooting: involves the use of fault finding charts or similar, to line replacement level.



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Name of Assessed Person: Registration:

UNIT MEAAVI0010: Inspect, Test and Troubleshoot Advanced Aircraft Instrument Systems and Components										
			No. of Entries	1	L	2	•	(3)	3	
			Tail / Job No.							
	e.	Fuel Quantity Indication and Flow Systems and Components	LAME Sign.							
3. Cont'd Troubleshoot Advanced Aircraft Instrument Systems			Date							
			Simulated	Yes	No	Yes	No	Yes	No	
		Ground Proximity Warning System (GPWS.) (may be omitted where not applicable to the enterprise)	No. of Entries	1	L	2)	3	3	
	£ .		Tail / Job No.							
	f.		LAME Sign.							
			Date							
			Simulated	Yes	No	Yes	No	Yes	No	
			No. of Entries	1	L	2		(1)	3	
	_	Flight Data Daggedous (FDDs) (may be assisted where not applicable	Tail / Job No.							
	g.	Flight Data Recorders (FDRs) (may be omitted where not applicable	LAME Sign.							
		to the enterprise)	Date							
		Simulated	Yes	No	Yes	No	Yes	No		

Performance Criteria:

- 3.1 Use available information from maintenance documentation and inspection and test results to assist in fault determination of identified issues.
- 3.2 Troubleshoot issues to line replacement level using maintenance manual fault diagnosis guides and logic processes.
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^{**} Note: Troubleshooting: involves the use of fault finding charts or similar, to line replacement level.



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Name of Assessed Person: Registration:

Confirmation of Underpinning Knowledge and Skills to Inspect, Test and Troubleshoot Advanced Aircraft Instrument Systems

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 a system and at least (1) one major system component/line replacement unit (LRU) from each of Groups a) to g) in the Range Statement. (Groups f and g may be omitted where they are not applicable to the enterprise). This shall be established via the records in the Journal of Experience or, where appropriate, an equivalent Industry Evidence Guide (for details refer to the Companion Volume Assessment Guidelines).

UNIT MEAAVI0010: Inspect, Test and Troubleshoot Advanced Aircraft Instrument Systems and 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).	
246, 292	
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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