

AA TT PRO 01a

Name of Assessed Person: Registration:

UNIT MEAAVI0009: Inspect	, Test	and Troubleshoot Basic Aircraft Instrument Systems and Components							
			No. of Entries	-	l	2	2	:	3
	a.	Pitot/static systems and components, airspeed indicators (ASIs),	Tail / Job No.						
		vertical speed indicators (VSIs), outside air temperature gauges	LAME Sign.						
1.		(OAT) and counter-pointer altimeters	Date						
			Simulated	Yes	No	Yes	No	Yes	No
			No. of Entries		L	(2	<u> </u>	:	3
	h	Directional gures (DCs) and artificial barizons (Alls) (air and	Tail / Job No.						
	D.	Directional gyros (DGs) and artificial horizons (AHs) (air and electrically driven).	LAME Sign.						
		electrically driverij.	Date						
Inspect Basic Aircraft			Simulated	Yes	No	Yes	No	Yes	No
Instrument Systems and	c.	Turn and Bank and Slip / Turn Coordinators	No. of Entries	-	1	2	2	;	3
Components			Tail / Job No.						
			LAME Sign.						
			Date						
			Simulated	Yes	No	Yes	No	Yes	No
			No. of Entries	- :	1	2	2		3
			Tail / Job No.						
	d.	Direct Reading Compasses	LAME Sign.						
			Date						
			Simulated	Yes	No	Yes	No	Yes	No

- 1.1 Identify specific inspection requirements using maintenance documentation and modification status, including relevant system defect reports where relevant.
- 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 MEAAVI0009: Inspec	t, Test	and Troubleshoot Basic Aircraft Instrument Systems and Components				
			No. of Entries	1	2	3
		Domato vondina muse company quetomo (more ha conitta difunct	Tail / Job No.			
	e.	Remote reading gyro compass systems (may be omitted if not relevant to the organisation)	LAME Sign.			
		relevant to the organisation)	Date			
			Simulated	Yes No	Yes No	Yes No
			No. of Entries	1	2	3
	r.	Distant angine indication system components (direct reading	Tail / Job No.			
	f.	Piston engine indication system components (direct reading measuring instruments and temperature indication)	LAME Sign.			
		measuring instruments and temperature indication,	Date			
			Simulated	Yes No	Yes No	Yes No
Instrument Systems and			No. of Entries	1	2	3
Components		Gas turbine engine indication system components (may be omitted if not relevant to the organisation)	Tail / Job No.			
	g.		LAME Sign.			
		ii not relevant to the organisation;	Date			
			Simulated	Yes No	Yes No	Yes No
			No. of Entries	1	2	3
	h	Electrical cyctoms indication (voltage, cyrrent, newer and	Tail / Job No.			
	h.	Electrical systems indication (voltage, current, power and frequency)	LAME Sign.			
		rrequency)	Date			
			Simulated	Yes No	Yes No	Yes No

- 1.1 Identify specific inspection requirements using maintenance documentation and modification status, including relevant system defect reports where relevant.
- 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 MEAAVI0009: Inspec	t, Test	and Troubleshoot Basic Aircraft Instrument Systems and Components							
			No. of Entries	1		2		(1)	3
1. Cont'd Inspect Basic Aircraft			Tail / Job No.						
	i.	Basic fuel quantity indication systems and components	LAME Sign.						
			Date						
			Simulated	Yes	No	Yes	No	Yes	No
Instrument Systems and			No. of Entries	1		1 2		3	
Components			Tail / Job No.						
	j.	Pneumatic / vacuum indication components	LAME Sign.						
			Date						
			Simulated	Yes	No	Yes	No	Yes	No

- 1.1 Identify specific inspection requirements using maintenance documentation and modification status, including relevant system defect reports where relevant.
- 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 MEAAVI0009: Inspect	, Test	and Troubleshoot Basic Aircraft Instrument Systems and Components							
			No. of Entries	1		2			3
	a.	Pitot/static systems and components, airspeed indicators (ASIs),	Tail / Job No.						
b.		vertical speed indicators (VSIs), outside air temperature gauges	LAME Sign.						
		(OAT) and counter-pointer altimeters.	Date						
			Simulated	Yes No) \	⁄es	No	Yes	No
			No. of Entries	1		2		(;)	3
	h	Directional gyros (DCs) and artificial horizons (AHs) (air and	Tail / Job No.						
	D.	Directional gyros (DGs) and artificial horizons (AHs) (air and electrically driven)	LAME Sign.						
		electrically driverry	Date						
Test or Adjust Basic Aircraft			Simulated	Yes No) \	⁄es	No	Yes	No
Instrument Systems and		No. of Entries Tail / Job No. Turn and Bank and Slip / Turn Coordinators LAME Sign.	1		2		(;)	3	
Components			Tail / Job No.						
	c.		LAME Sign.						
			Date						
			Simulated	Yes No) \	⁄es	No	Yes	No
			No. of Entries	1		2		3	3
			Tail / Job No.						
	d.	Direct Reading Compasses	LAME Sign.						
		<u> </u>	Date						
			Simulated	Yes No) \	⁄es	No	Yes	No

- 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 MEAAVI009: Inspect, Tes	t and ⁻	Troubleshoot Basic Aircraft Instrument Systems and Components							
			No. of Entries	1		2	<u>)</u>	(1)	3
	e.	Remote reading gyro compass systems (may be omitted if not	Tail / Job No.						
f 2. Cont'd Test or Adjust Basic Aircraft	e. 	relevant to the organisation)	LAME Sign.						
		relevant to the organisation,	Date						
			Simulated	Yes	No	Yes	No	Yes	No
			No. of Entries	1		2	<u>)</u>	3	3
	f	Piston engine indication system components (direct reading	Tail / Job No.						
	'-	measuring instruments and temperature indication)	LAME Sign.						
		measuring instrainents and temperature indication)	Date						
			Simulated	Yes	No	Yes	No	Yes	No
Instrument Systems and	a (No. of Entries	1		2	<u>)</u>	3	3
Components		Gas turbine engine indication system components (may be omitted if not relevant to the organisation)	Tail / Job No.						
	g.		LAME Sign.						
		in not relevant to the organisation,	Date						
			Simulated	Yes	No	Yes	No	Yes	No
			No. of Entries	1		2	2	(1)	3
	h.	Electrical systems indication (voltage, current, power and	Tail / Job No.						
		frequency)	LAME Sign.						
		54.5511	Date						
			Simulated	Yes	No	Yes	No	Yes	No

- 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 MEAAVI0009: Inspect	Test and	Troubleshoot Basic Aircraft Instrument Systems and Components				
2. Cont'd Test or Adjust Basic Aircraft			No. of Entries	1	2	3
			Tail / Job No.			
	i. Ba	asic fuel quantity indication systems and components	LAME Sign.			
		<u> </u>	Date			
			Simulated	Yes No	Yes No	Yes No
Instrument Systems and			No. of Entries	1	2	3
Components.			Tail / Job No.			
	j. Pr	neumatic / vacuum indication components.	LAME Sign.			
			Date			
			Simulated	Yes No	Yes No	Yes No

- 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 MEAAVI0009: Inspect	, Test	and Troubleshoot Basic Aircraft Instrument Systems and Components							
			No. of Entries	1	L	7	2	(3	3
	a.	Pitot/static systems and components, airspeed indicators (ASIs),	Tail / Job No.						
b		vertical speed indicators (VSIs), outside air temperature gauges	LAME Sign.						
		(OAT) and counter-pointer altimeters	Date						
			Simulated	Yes	No	Yes	No	Yes	No
			No. of Entries	1	L	(2	2	(1)	3
	h	Directional garas (DCs) and artificial barizons (Alls) (air and	Tail / Job No.						
	D.	Directional gyros (DGs) and artificial horizons (AHs) (air and electrically driven).	LAME Sign.						
		electrically driverry.	Date						
Troubleshoot Basic Aircraft			Simulated	Yes	No	Yes	No	Yes	No
Instrument Systems and			No. of Entries	1	L	2	2	(1)	3
Components		Turn and Bank and Slip / Turn Coordinators	Tail / Job No.						
	c.		LAME Sign.						
			Date						
			Simulated	Yes	No	Yes	No	Yes	No
			No. of Entries	1	_	2	2	3	3
			Tail / Job No.					<u></u>	
	d.	Direct Reading Compasses	LAME Sign.						
			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 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.
- Determine requirements for rectification of faults. 3.5

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^{**} Note: Troubleshooting involves the use of fault finding charts or similar, to line replacement level.



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UNIT MEAAVI0009: Inspect	, Test	and Troubleshoot Basic Aircraft Instrument Systems and Components							
			No. of Entries	1	L	1.4	2	(1)	3
		Demote weeding man compact systems (may be emitted if not	Tail / Job No.						
f 3. Cont'd Troubleshoot Basic Aircraft	e.	Remote reading gyro compass systems (may be omitted if not relevant to the organisation)	LAME Sign.						
		relevant to the organisation)	Date						
			Simulated	Yes	No	Yes	No	Yes	No
			No. of Entries	1		14	2	(1)	3
	£.	Distant angine indication system companents (direct reading	Tail / Job No.						
	1.	Piston engine indication system components (direct reading measuring instruments and temperature indication)	LAME Sign.						
		measuring instruments and temperature indication)	Date						
			Simulated	Yes	No	Yes	No	Yes	No
Instrument Systems and	_		No. of Entries Tail / Job No.	1		2	2	3	
Components		Continuing angine indication quotam common to force he amitted							
		Gas turbine engine indication system components (may be omitted if not relevant to the organisation)	LAME Sign.						
		ii not relevant to the organisation;	Date						
			Simulated	Yes	No	Yes	No	Yes	No
			No. of Entries	1		2	2	(1)	3
	h	Electrical systems indication (voltage, syrrent, newer and	Tail / Job No.						
	h.	Electrical systems indication (voltage, current, power and frequency)	LAME Sign.						
		frequency)	Date						
			Simulated	Yes	No	Yes	No	Yes	No

- 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 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 MEAAVI0009: Inspect	est and Troubleshoot Basic Aircraft Instrument Systems and Component	5			
		No. of Entries	1	2	3
3. Cont'd Troubleshoot Basic Aircraft		Tail / Job No.			
	. Basic fuel quantity indication systems and components	LAME Sign.			
	-	Date			
		Simulated	Yes No	Yes No	Yes No
Instrument Systems and		No. of Entries	1	1 2	
Components		Tail / Job No.			
	j. Pneumatic / vacuum indication components	LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

- 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 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:

Confirmation of Underpinning Knowledge and Skills to Inspect, Test and Troubleshoot Basic 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 one (1) major system component/line replaceable unit (LRU) from each of Groups a) to j) 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 Log of Industrial Experience and Achievement or, where appropriate, an equivalent Industry Evidence Guide (for details refer to the Companion Volume Assessment Guidelines).

UNIT MEAAVI0009: Inspect, Test and Troubleshoot Basic Aircraft Instrument Systems	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).	
AVI0004, 246	
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:
	A33C3301 110.		