

Name of Assessed Person:

Registration:

UNIT MEA226: Inspect Aircraft Electronic Systems and Components							
1. Inspect Electronic Systems and Components	a. Electronic Instrument Displays – Electronic Flight Instrument Systems (EFIS), Engine Indicating and Crew Alerting Systems (EICAS), Flight Management Computer Systems (FMCS), Electronic Centralised Aircraft Monitor Systems (ECAM), and Head-Up Display Systems (HUD) (may be omitted where not applicable to the enterprise)	No. of Entries	1	2	3		
		Tail / Job No.					
		LAME Sign.					
		Date					
		Simulated	Yes	No	Yes	No	Yes
	b. Instrument Navigation Systems – Inertial Navigation Systems (INS), Inertial Reference Systems (IRS), Compasses and Attitude and Heading Reference Systems (AHRS)	No. of Entries	1	2	3		
		Tail / Job No.					
		LAME Sign.					
		Date					
		Simulated	Yes	No	Yes	No	Yes
	c. Communication Systems – High Frequency (HF), Very High Frequency (VHF), Ultra High Frequency (UHF), Satellite Communication (SATCOM), Intercom, Emergency Location Transmitter (ELT) and Cockpit Voice Recorder (CVR)	No. of Entries	1	2	3		
		Tail / Job No.					
		LAME Sign.					
		Date					
		Simulated	Yes	No	Yes	No	Yes
	d. Radio Navigation Systems – Automatic Direction Finding (ADF), Very High Frequency Omni-Range (VOR), Instrument Landing System (ILS), and Global Navigation System (GNS)	No. of Entries	1	2	3		
Tail / Job No.							
LAME Sign.							
Date							
Simulated		Yes	No	Yes	No	Yes	No
<p>Performance Criteria:</p> <p>1.1 Isolation tags are checked and aircraft configured for safe system inspection and operation in accordance with the applicable maintenance manual.</p> <p>1.2 Electronic System Components are visually or physically checked for external signs of defects in accordance with applicable maintenance manual while observing all relevant work health and safety (WHS) requirements.</p> <p>1.3 Defects are correctly identified and recorded in accordance with standard enterprise procedures.</p>							

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1. Cont'd Inspect Electronic Systems and Components	e. Pulse Operated Systems – Weather Radar, Navigation Radar, ATC Transponder, Automatic Dependent Surveillance-Broadcast(ADS-B), Radio Altimeter (RADALT), Distance Measuring Equipment (DME), Doppler and Aircraft Collision Avoidance System (ACAS) (may be omitted where not applicable to the enterprise)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	f. Integrated Modular Avionics (may be omitted where not applicable to the enterprise)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	g. Information Systems – air traffic and information management, network servers (may be omitted where not applicable to the enterprise)	No. of Entries	1	2	3
		Tail / Job No.			
LAME Sign.					
Date					
Simulated		Yes No	Yes No	Yes No	

Performance Criteria:

- 1.1 Isolation tags are checked and aircraft configured for safe system inspection and operation in accordance with the applicable maintenance manual.
- 1.2 **Electronic System Components** are visually or physically checked for external signs of defects in accordance with applicable maintenance manual while observing all relevant work health and safety (WHS) requirements.
- 1.3 Defects are correctly identified and recorded in accordance with standard enterprise procedures.

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Confirmation of Underpinning Knowledge and Skills to Inspect Aircraft Electronic Systems and 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 each type of system listed in the following groups and on at least one (1) item from each of groups a) and g) in the range statement and at least one component for each listed system type (**groups a) and e) to 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 Implementation Guide).

UNIT MEA226: Inspect Aircraft Electronic 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). <p align="center">246, 293</p>	
Evidence has been confirmed of the knowledge requirements for this unit as delivered by a CASR 147 Approved Organisation. <p align="center">OR</p> 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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