

Name of Assessed Person:

Registration:

UNIT MEAAVI0011: Inspect, Test and Troubleshoot Basic Aircraft Communication and Radio Navigation Systems and Components

1. Inspect Basic Communication and Radio Navigation Systems and Components	a. High Frequency (HF) and Very High Frequency (VHF) Communication and applicable Antennas	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Automatic Direction Finding (ADF) and Very High Frequency Omni-Directional Range (VOR) Navigation and applicable Antennas	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Emergency Location Transmitter (ELT)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		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 communication and radio navigation systems and 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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2. Test or Adjust Basic Communication and Radio Navigation Systems and Components	a. High Frequency (HF) and Very High Frequency (VHF) Communication and applicable Antennas	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Automatic Direction Finding (ADF) and Very High Frequency Omni-Directional Range (VOR) Navigation and applicable Antennas	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Emergency Location Transmitter (ELT)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
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 communication and radio navigation systems 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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3. Troubleshoot Basic Communication and Radio Navigation Systems and Components	a. High Frequency (HF) and Very High Frequency (VHF) Communication and applicable Antennas	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Automatic Direction Finding (ADF) and Very High Frequency Omni-Directional Range (VOR) Navigation and applicable Antennas	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Emergency Location Transmitter (ELT)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
Date					
Simulated		Yes No	Yes No	Yes No	

Performance Criteria:

- 3.1 Use available information from maintenance documentation, 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 communication and radio navigation system faults and identify and record causes of faults in required maintenance documentation in accordance with standard enterprise procedures.

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

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Confirmation of Underpinning Knowledge and Skills to Inspect, Test and Troubleshoot Aircraft Basic Communication and Radio Navigation 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 at least one (1) component from each of Groups a) to c) listed in the range statement. 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 MEAAVI0011: Inspect, Test and Troubleshoot Basic Aircraft Communication and Radio Navigation 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">206, 246</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> Examinations have been conducted to determine the underpinning knowledge have been achieved to meet the requirements for the Unit of Competency.	

Certification of Unit Completion

I certify that at the time of this review the candidates' evidence of experiences for the application of skills and knowledge meets the requirements specified in the elements and criteria for this unit of competency.

Signed: _____ **Assessor No.** _____ **MTO:** _____ **Date:** _____