Name of Assessed Person: **Registration:**

UNIT MEA246: Fabricate and / or Repair Aircraft Electrical Hardware or Parts					
1. Interpret Specifications and Organise Materials	a. Electrical Looms, Harnesses and Cables associated with Power Distribution	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Electrical Looms, Harnesses and Cables associated with Ignition	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Electrical Looms, Harnesses and Cables associated with Control Circuits	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	d. Electrical Looms, Harnesses AND Cables associated with Signal Circuits	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

1.1 Specifications are interpreted to determine the dimensions and procedure for fabrication.
1.2 Appropriate materials, tools and equipment are selected and prepared for the particular specification requirements.

Name of Assessed Person: **Registration:**

UNIT MEA246: Fabricate and / or Repair Aircraft Electrical Hardware or Parts					
2. **Fabricate / Repair Electrical Components or Parts**	a. Electrical Looms, Harnesses and Cables associated with Power Distribution	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Electrical Looms, Harnesses and Cables associated with Ignition	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Electrical Looms, Harnesses and Cables associated with Control Circuits	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	d. Electrical Looms, Harnesses AND Cables associated with Signal Circuits	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

2.1 Assembly or fabrication jigs, where applicable, are aligned to ensure accurate fabrication of components.
2.2 Components or parts are fabricated in accordance with required specifications while observing all relevant work health and safety (WHS) requirements including the use of material safety data sheets (MSDS) and personal protective equipment (PPE).

Name of Assessed Person: **Registration:**

UNIT MEA246: Fabricate and / or Repair Aircraft Electrical Hardware or Parts					
3. Test Fabricate / Repair Electrical Components or Parts	a. Electrical Looms, Harnesses and Cables associated with Power Distribution	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Electrical Looms, Harnesses and Cables associated with Ignition	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Electrical Looms, Harnesses and Cables associated with Control Circuits	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	d. Electrical Looms, Harnesses AND Cables associated with Signal Circuits	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

3.1 Test Equipment and rigs are used, where applicable, to confirm serviceability of finished components.
3.2 Fabricated Components are tagged, sealed and packaged within specified procedures.

Name of Assessed Person: **Registration:**

Confirmation of Underpinning Knowledge and Skills to Fabricate and / or Repair Aircraft Electrical Hardware or Parts

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 d) 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 MEA246: Fabricate and / or Repair Aircraft Electrical Hardware or Parts	**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). **201, 296**	
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:** _____