

Name of Assessed Person:

Registration:

UNIT MEA203: Remove and Install Advanced Aircraft Electrical System Components							
1. Remove AC and DC Aircraft Electrical System Components	a. At least one component from DC and AC power generation and distribution system components, including generators and related multi-sourced DC power generation, starter generators alternators and regulation, control and distribution system components	No. of Entries	1	2	3		
		Tail / Job No.					
		LAME Sign.					
		Date					
		Simulated	Yes	No	Yes	No	Yes
	b. Transformer Rectifier Units and / or Inverters	No. of Entries	1	2	3		
		Tail / Job No.					
		LAME Sign.					
		Date					
		Simulated	Yes	No	Yes	No	Yes
	c. Batteries and related Bus Tie or Interlock System Components and Battery Temperature Monitoring Systems	No. of Entries	1	2	3		
		Tail / Job No.					
		LAME Sign.					
		Date					
		Simulated	Yes	No	Yes	No	Yes
	d. Motors and Actuators	No. of Entries	1	2	3		
		Tail / Job No.					
		LAME Sign.					
		Date					
		Simulated	Yes	No	Yes	No	Yes
Performance Criteria:							
1.1 System is rendered safe and prepared in accordance with the applicable maintenance manual and isolation tags are fitted where necessary to ensure personnel safety.							
1.2 Electrical component removal is carried out in accordance with the applicable maintenance manual while observing all relevant work health and safety (WHS) requirements.							
1.3 Required maintenance documentation is completed and processed in accordance with standard enterprise procedures.							
1.4 Removed components are tagged and packaged in accordance with specified procedures.							

Name of Assessed Person:

Registration:

UNIT MEA203: Remove and Install Advanced Aircraft Electrical System Components						
1. Cont'd Remove AC and DC Aircraft Electrical System Components	e. Components of Gas Turbine and / or Piston Engine Ignition and Starting System Components (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. External / Internal Lights	No. of Entries	1	2	3	
		Tail / Job No.				
		LAME Sign.				
		Date				
		Simulated	Yes No	Yes No	Yes	No
	g. And three (3) components that are applicable to the enterprise from: Electrical Components of Specific Electrical Systems such as Air Cycle Air Conditioning, Combustion Heaters, Equipment Cooling, Anti-Icing And De-Icing, Landing Gear, Anti-Skid, Flight Control, Master and Central Warning, Fuel Storage and Distribution, Fire Warning and Extinguishing and Engine/Propeller Control	No. of Entries	1	2	3	
		Tail / Job No.				
		LAME Sign.				
		Date				
		Simulated	Yes No	Yes No	Yes	No
Performance Criteria:						
1.1 System is rendered safe and prepared in accordance with the applicable maintenance manual and isolation tags are fitted where necessary to ensure personnel safety.						
1.2 Electrical component removal is carried out in accordance with the applicable maintenance manual while observing all relevant work health and safety (WHS) requirements.						
1.3 Required maintenance documentation is completed and processed in accordance with standard enterprise procedures.						
1.4 Removed components are tagged and packaged in accordance with specified procedures.						

Name of Assessed Person:

Registration:

UNIT MEA203: Remove and Install Advanced Aircraft Electrical System Components

2. Install AC and DC Aircraft Electrical System Components	a. At least one component from DC and AC power generation and distribution system components, including generators and related multi-sourced DC power generation, starter generators alternators and regulation, control and distribution system components	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Transformer Rectifier Units and / or Inverters	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Batteries and related Bus Tie or Interlock System Components and Battery Temperature Monitoring Systems	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	d. Motors and Actuators	No. of Entries	1	2	3
Tail / Job No.					
LAME Sign.					
Date					
Simulated		Yes No	Yes No	Yes No	

Performance Criteria:

- 2.1 Electrical components to be installed are checked to confirm correct part numbers, modification status, serviceability and shelf life.
- 2.2 Physical installation of electrical components is performed in accordance with the applicable maintenance manual, ensuring appropriate adjustment/alignment with mechanical interface is carried out.
- 2.3 System is reinstated to correct operational condition in preparation for testing, as necessary.
- 2.4 Required maintenance documentation is completed and processed in accordance with standard enterprise procedures.

Name of Assessed Person:

Registration:

UNIT MEA203: Remove and Install Advanced Aircraft Electrical System Components		No. of Entries	1	2	3
2. Cont'd Install AC and DC Aircraft Electrical System Components	e. Components of Gas Turbine and / or Piston Engine Ignition and Starting System Components (may be omitted where not applicable to the enterprise)	Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
		No. of Entries	1	2	3
	f. External / Internal Lights	Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
		No. of Entries	1	2	3
	g. And three (3) components that are applicable to the enterprise from: Electrical Components of Specific Electrical Systems such as Air Cycle Air Conditioning, Combustion Heaters, Equipment Cooling, Anti-Icing And De-Icing, Landing Gear, Anti-Skid, Flight Control, Master and Central Warning, Fuel Storage and Distribution, Fire Warning and Extinguishing and Engine/Propeller Control	Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
		No. of Entries	1	2	3

Performance Criteria:

- 2.1 Electrical components to be installed are checked to confirm correct part numbers, modification status, serviceability and shelf life.
- 2.2 Physical installation of electrical components is performed in accordance with the applicable maintenance manual, ensuring appropriate adjustment/alignment with mechanical interface is carried out.
- 2.3 System is reinstated to correct operational condition in preparation for testing, as necessary.
- 2.4 Required maintenance documentation is completed and processed in accordance with standard enterprise procedures.

Name of Assessed Person:

Registration:

Confirmation of Underpinning Knowledge and Skills to Remove and Install Advanced Aircraft Electrical System 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 g) and on three components from Group g). **(Group e) 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 MEA203: Remove and Install Advanced Aircraft Electrical System 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 style="text-align: center;">201</p>	
Evidence has been confirmed of the knowledge requirements for this unit as delivered by a CASR 147 Approved Organisation. <p style="text-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: _____

Name of Assessed Person:

Registration:

This Page Intentionally Left Blank