

Name of Assessed Person:

Registration:

UNIT MEASTR0005: Maintain Aircraft Structure and Components

| | | | | | |
|---|--|----------------|--------|--------|--------|
| 1. Prepare to Remove Corrosion Damage. | a. Removing Corrosion by Chemical and Mechanical Methods | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |
| | b. Restoring Protective Coatings | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |
| | c. Applying Sealants and Jointing Compounds | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| Date | | | | | |
| Simulated | | Yes No | Yes No | Yes No | |

Performance Criteria:

- 1.1 Assess the extent of damage to assist in determining the removal procedure.
- 1.2 Support and prepare the structure in accordance with the maintenance manual to ensure personnel safety and freedom from damage.
- 1.3 Identify appropriate corrosion removal procedures in accordance with the structural repair manual and approved data.
- 1.4 Obtain specialist advice to establish an approved repair scheme where a standard corrosion removal procedure cannot be identified or damage criteria are out of limits.
- 1.5 Organise all required materials and equipment to support removal.

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| | | | | | |
|--|--|----------------|--------|--------|--------|
| 2. Remove Corrosion Damage. | a. Removing Corrosion by Chemical and Mechanical Methods | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |
| | b. Restoring Protective Coatings | No. of Entries | 1 | 2 | 3 |
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| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |
| | c. Applying Sealants and Jointing Compounds | No. of Entries | 1 | 2 | 3 |
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| | | LAME Sign. | | | |
| Date | | | | | |
| Simulated | | Yes No | Yes No | Yes No | |

Performance Criteria:

- 2.1 Perform corrosion removal and apply protective coatings, sealants, and jointing compounds in accordance with the approved repair scheme, using aircraft standard practices and following process requirements, including relevant work health and safety procedures (WHS) and the use of material safety data sheets (MSDSs) and items of personal protective equipment (PPE).
- 2.2 Clean waste materials and contaminants from structure or components in accordance with standard enterprise procedures
- 2.3 Restore sealing and surface finishes to operate within prescribed specifications.
- 2.4 Complete and process required maintenance and repair documentation in accordance with standard enterprise procedures.
- 2.5 Tag, seal, and package or cradle repaired components or assemblies in accordance with specified procedures.

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Confirmation of Underpinning Knowledge and Skills to Maintain Aircraft Structure / Components

A person cannot be assessed as competent until it can be demonstrated to the satisfaction of the workplace assessor that the relevant elements of this unit of competency are being achieved under routine supervision on each type of system and on at least one (1) component of each group listed in the assessment conditions a) to c) that are 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 MEASTR0005: Maintain Aircraft Structure 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 the attainment of the elements of competency specified in this unit). <p align="center">STR0001</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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