

Name of Assessed Person:

Registration:

UNIT MEASTR0001: Inspect Aircraft Structures

1. Plan and prepare to inspect aircraft structure	a. Preparation for non-destructive testing (NDT) (access to relevant Structural Zones and Components)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Non-ferrous and Ferrous Alloys and Composites used in Aircraft Construction	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Structural fastening and attachment hardware and/or devices.	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 defect reports.
- 1.2 Prepare aircraft structure and access to allow for comprehensive inspection in accordance with maintenance documentation while observing all relevant work health and safety (WHS) requirements, including the use of material safety data sheets (MSDSs) and items of personal protective equipment (PPE).

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UNIT MEASTR0001: Inspect Aircraft Structures

<p>1. Cont'd Plan and prepare to inspect aircraft structure</p>	d. Seals, Sealants.	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	e. Glass, Moulded Plastics.	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	f. Doors, hinges, and locking mechanisms for damage/misalignment.	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 defect reports.
- 1.2 Prepare aircraft structure and access to allow for comprehensive inspection in accordance with maintenance documentation while observing all relevant work health and safety (WHS) requirements, including the use of material safety data sheets (MSDSs) and items of personal protective equipment (PPE).

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1. Cont'd Plan and prepare to inspect aircraft structure	g. Inspections applicable to each of the safe life, damage-tolerant, and fail-safe structures relevant 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 Identify specific inspection requirements using maintenance documentation and modification status, including relevant defect reports.
- 1.2 Prepare aircraft structure and access to allow for comprehensive inspection in accordance with maintenance documentation while observing all relevant work health and safety (WHS) requirements, including the use of material safety data sheets (MSDSs) and items of personal protective equipment (PPE).

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2. Assess and document aircraft structure maintenance requirements	a. Preparation for non-destructive testing (NDT) (access to relevant Structural Zones and Components)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Non-ferrous and Ferrous Alloys and Composites used in Aircraft Construction	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Structural fastening and attachment hardware and/or devices.	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
Date					
Simulated		Yes No	Yes No	Yes No	

Performance Criteria:

- 2.1 Visually and physically check aircraft structure for signs of deformation, defects or damage in accordance with maintenance documentation and approved procedures while observing all relevant WHS requirements, including use of MSDSs and items of PPE.
- 2.2 Assess damage or defects against damage or wear limits specified in structural repair manual, or other approved data, to determine if repair or replacement is required.
- 2.3 Complete and process maintenance documentation in accordance with standard enterprise procedures.

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2. Cont'd Assess and document aircraft structure maintenance requirements	d. Seals, Sealants.	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	e. Glass, Moulded Plastics.	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	f. Doors, hinges, and locking mechanisms for damage/misalignment.	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

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2. Cont'd Assess and document aircraft structure maintenance requirements	g. Inspections applicable to each of the safe life, damage-tolerant, and fail-safe structures relevant to the enterprise	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

- 2.1 Visually and physically check aircraft structure for signs of deformation, defects or damage in accordance with maintenance documentation and approved procedures while observing all relevant WHS requirements, including use of MSDSs and items of PPE.
- 2.2 Assess damage or defects against damage or wear limits specified in structural repair manual, or other approved data, to determine if repair or replacement is required.
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Confirmation of Underpinning Knowledge and Skills to Inspect Aircraft Structures

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 g) 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 MEASTR0001: Inspect Aircraft Structures	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 style="text-align: center;">107, 154, 155, 156, 157, 158</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: _____

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Registration:

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