

Name of Assessed Person:

Registration:

UNIT MEAMEC0026: Maintain aircraft basic hydraulic and pneumatic or components parts.

| | | | | | |
|--|---|----------------|--------|--------|--------|
| 1. Prepare to dismantle, inspect, maintain, and assemble basic hydraulic and pneumatic components or component parts | a. Hoses | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |
| | b. Pipes | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |
| | c. Simple check or shut off valves | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |
| | d. Basic hydraulic and pneumatic actuators and valves | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |

Performance Criteria:

- 1.1 Remove and disassemble components or component parts in accordance with enterprise procedures, relevant maintenance documentation, and qualified person guidance.
- 1.2 Confirm maintenance and repair requirements as defined by the qualified person, enterprise procedures, and the relevant maintenance documentation are understood.
- 1.3 Specify tagging and repair instructions in accordance with enterprise procedures and qualified person directions for parts requiring specialist repair.
- 1.4 Select and prepare appropriate materials, tools, equipment, and assembly or fabrication jigs, when required, for the particular maintenance and repair requirements in accordance with enterprise procedures and relevant maintenance documentation.

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|--|---|----------------|--------|--------|--------|
| 2. Dismantle, inspect, maintain and assemble basic hydraulic and pneumatic components or component parts | a. Pipes | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |
| | b. Hoses | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |
| | c. Simple check or shutoff valves | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |
| | d. Basic hydraulic and pneumatic actuators and valves | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |

Performance Criteria:

2.1 Carry out routine maintenance, repair, or modification procedures in accordance with manufacturers' bulletins, required enterprise procedures, and specifications 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). Assemble component parts within specified tolerances and in accordance with enterprise procedures and the appropriate maintenance documents.

2.3 Provide assistance, where applicable and as required by the qualified person, in the final adjustment and testing of components to confirm serviceability.

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|---|---|----------------|--------|--------|--------|
| 3. Complete maintenance and repair activities | a. Pipes | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |
| | b. Hoses | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |
| | c. Simple check or shut off valves. | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |
| | d. Basic hydraulic and pneumatic actuators and valves | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |

Performance Criteria:

3.1 Complete required documentation and process in accordance with standard enterprise procedures.

3.2 Tag, seal, and pack components within specified procedures.

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Certification of Underpinning Knowledge and Skills to Maintain aircraft basic hydraulic and pneumatic or components parts

The following conditions of assessment represent the requirements of the regulators Defence Aviation Safety Authority (DASA) and Civil Aviation Safety Authority (CASA) and maintenance stakeholders and must be rigorously observed.

Skills must have been demonstrated under routine supervision in the workplace or in a simulated environment that reflects workplace conditions and contingencies encountered in maintaining aircraft basic hydraulic and pneumatic components or component parts. The following conditions must be met for this unit:

use of suitable facilities, equipment and resources, including workplace procedures, manufacturing specifications, codes, standards, manuals, and reference materials relevant to maintaining aircraft basic hydraulic and pneumatic components or component; components, parts, tools and equipment specified in maintenance documentation; general- and special-purpose tools found in most routine situations.

Evidence of tasks demonstrating competency must be recorded in a log of industrial experience and achievement.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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|--|--|
| UNIT MEAMEC0026: Maintain aircraft basic hydraulic and pneumatic or components parts. | |
| 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). | |
| MEA107, MEA154, MEA155, MEA156, MEA157, MEA158 | |
| 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:** _____