Name of Assessed Person: **Registration:**

UNIT MEA398: Remove and install aircraft hydro-mechanical and landing gear system components					
1. **Remove hydro-mechanical system components.**	a. Hydraulic accumulators, filters, reservoirs, valves, pumps, motors, actuators, regulators and direct reading gauges	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Hydraulic system rigid and flexible pipelines, hoses and fittings	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Fuel system filters, valves, pumps, rigid and flexible storage cells/tanks	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	d. Fuel system rigid and flexible pipelines, hoses and fittings	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

1.1 Render hydro-mechanical system safe and prepared according to applicable maintenance manual, including fitting isolation tags where necessary to ensure personal safety.

1.2 Remove hydro-mechanical components according to applicable maintenance manual and work health and safety (WHS) requirements.

1.3 Complete and process required maintenance documentation.

1.4 Tag, seal, and package removed components according to specified procedures**.**

Name of Assessed Person: **Registration:**

UNIT MEA398: Remove and install aircraft hydro-mechanical and landing gear system components					
2. **Remove landing gear components.**	a. Wheel assemblies or skids	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Brake units ***(may be omitted if not applicable to enterprise)***	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Struts/oleos ***(may be omitted if not applicable to enterprise)***	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

2.1 Jack aircraft as specified in maintenance manual for landing gear component removal.
2.2 Remove components according to applicable maintenance manual and WHS requirements.
2.3 Complete and process required maintenance documentation.
2.4 Tag, seal, and package removed components according to specified procedures.

**** Note: Coverage of Retraction, Steering and Brake Systems, Brake Units and Struts / Oleos are not required where the aircraft is Rotary Wing and is fitted with Skids or Floats**

Name of Assessed Person: **Registration:**

UNIT MEA398: Remove and install aircraft hydro-mechanical and landing gear system components					
3. **Install hydro-mechanical system components.**	a. Hydraulic accumulators, filters, reservoirs, valves, pumps, motors, actuators, regulators and direct reading gauges	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Hydraulic system rigid and flexible pipelines, hoses and fittings	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Fuel system filters, valves, pumps, rigid and flexible storage cells/tanks	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	d. Fuel system rigid and flexible pipelines, hoses and fittings	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

3.1 Check components to be installed to confirm correct part numbers, serviceability, and modification status.
3.2 Install components according to applicable maintenance manual and WHS requirements.
3.3 Complete and process required maintenance documentation according to standard organisational procedures.

Name of Assessed Person: **Registration:**

UNIT MEA398: Remove and install aircraft hydro-mechanical and landing gear system components					
4. **Install landing gear components.**	a. Wheel assemblies or skids	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Brake units ***(may be omitted if not applicable to enterprise)***	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	c. Struts/oleos ***(may be omitted if not applicable to enterprise)***	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

4.1 Check components to be installed to confirm correct part numbers, serviceability, and modification status.
4.2 Install components according to applicable maintenance manual and WHS requirements.
4.3 Complete and process required maintenance documentation according to standard organisational procedures.

**** Note: Coverage of Retraction, Steering and Brake Systems, Brake Units and Struts / Oleos are not required where the aircraft is Rotary Wing and is fitted with Skids or Floats**

Name of Assessed Person: **Registration:**

Certification of Underpinning Knowledge and Skills to Remove and Install Aircraft Hydro-Mechanical and Landing Gear 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 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 d) that are applicable to the enterprise. ***(Groups 2b & c and Groups 4b & c) 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 Assessment Guidelines).

UNIT MEA398: Remove and install aircraft hydro-mechanical and landing gear 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). **154**	
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:** _____

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