

Name of Assessed Person:

Registration:

UNIT MEA241: Perform Aircraft Weight and Balance Calculations as a Result of Modifications

| | | | | | |
|---|---|----------------|--------|--------|--------|
| 1. Calculate the Weight and Balance Impact of a Modification | a. Aircraft centre of gravity is determined using the weight and moment arm data for a modification | No. of Entries | 1 | 2 | 3 |
| | | Tail / Job No. | | | |
| | | LAME Sign. | | | |
| | | Date | | | |
| | | Simulated | Yes No | Yes No | Yes No |

Performance Criteria:

- 1.1 The requirement for aircraft weighing is determined.
- 1.2 The new empty weight of the aircraft is determined and it is ensured that the weight is within the predetermined limits set by the Continuing Airworthiness Management Organisation (CAMO).
- 1.3 The new empty weight centre of gravity of the aircraft is calculated using the weight and moment arm data for a modification and it is ensured that the centre of gravity is within the predetermined limits set by the CAMO.
- 1.4 Maintenance records are updated with new figures.

Name of Assessed Person:

Registration:

Confirmation of Underpinning Knowledge and Skills to Perform Aircraft Weight and Balance Calculations as a Result of Modifications

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 supervision without intervention.

This shall be established via simulated activities at the CASR Part 147 Maintenance Training Organisation and performance during observed workplace activities.

| UNIT MEA241: Perform Aircraft Weight and Balance Calculations as a Result of Modifications | Date / MTO Stamp |
|---|------------------|
| <p>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> <p style="text-align: center;">*All Certificate IV Units (Avionics or Mechanical)</p> <p>*Note 1: "CASA licensing requirement that competency not be sought until all of the Cert IV units have been obtained."</p> | |
| <p>Evidence has been confirmed of the knowledge requirements for this unit as delivered by a CASR 147 Approved Organisation.</p> <p style="text-align: center;">OR</p> <p>Assessment has been conducted to determine that the underpinning knowledge and skills have been achieved in accordance with the Competency Unit.</p> | |

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: _____