

Name of Assessed Person:

Registration:

UNIT MEAAVI0037: Test, Align and Troubleshoot Aircraft Synchro and Servo System Components

1. Test Synchro and Servo System Components	a. Synchro System Components (Air Data Computers, Auto Pilot Servos, Remote Position Indicators and Other Similar applications)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Servo System Components (Air Data Computers, Auto Pilot Servos, Remote Position Indicators and Other Similar applications)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

- 1.1 Prepare and connect synchro and servo system components to the appropriate test equipment or rig in accordance with standard enterprise procedures.
- 1.2 Perform functional testing on components, or cycle components through prescribed test procedures, for evidence of serviceability or malfunction in accordance with maintenance manual while observing all relevant work health and safety (WHS) requirements.
- 1.3 Identify and record faults or unserviceabilities in required maintenance documentation.

Name of Assessed Person:

Registration:

UNIT MEAAVI0037: Test, Align and Troubleshoot Aircraft Synchro and Servo System Components

2. Align Synchro and Servo System Components	a. Synchro System Components (Air Data Computers, Auto Pilot Servos, Remote Position Indicators and Other Similar applications)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Servo System Components (Air Data Computers, Auto Pilot Servos, Remote Position Indicators and Other Similar applications)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

2.1 Adjust synchro and servo system components until operating within prescribed limits or tolerances in accordance with maintenance manuals and standard enterprise procedures to meet specifications.

Name of Assessed Person:

Registration:

UNIT MEAAVI0037: Test, Align and Troubleshoot Aircraft Synchro and Servo System Components

3. Troubleshoot Synchro and Servo System Components	a. Synchro System Components (Air Data Computers, Auto Pilot Servos, Remote Position Indicators and Other Similar applications)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No
	b. Servo System Components (Air Data Computers, Auto Pilot Servos, Remote Position Indicators and Other Similar applications)	No. of Entries	1	2	3
		Tail / Job No.			
		LAME Sign.			
		Date			
		Simulated	Yes No	Yes No	Yes No

Performance Criteria:

- 3.1 Use available information from maintenance records and inspection and test results to assist in fault determination.
- 3.2 Troubleshoot faults and unserviceabilities using maintenance manual fault diagnosis guides and logic processes.
- 3.3 Locate synchro and servo system component faults and identify and record causes of faults in required maintenance documentation.
- 3.4 Determine requirements for rectification of faults.

**** Note:** Troubleshooting: involves the use of fault finding charts or similar, to line replacement level.

Name of Assessed Person:

Registration:

Certification of Underpinning Knowledge and Skills to Test, Align and Troubleshoot Aircraft Synchro and Servo 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 a representative range of components applicable to the enterprise from each type of system and on at least one (1) item of each group listed in the assessment conditions a) to b). 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 MEAAVI0037: Test, Align and Troubleshoot Aircraft Synchro and Servo System Components	
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).	
201, 296, AVI0038	
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:** _____