

Name of Assessed Person:

**Registration:** 

UNIT MEAAVI0037:	Test, Al	lign and 1	Froubleshoot Aircraft Synchro and Servo System Components				
1. Test Synchro and Servo System Components				No. of Entries	1	2	3
			Sunchus Suctors Components (Air Data Computers, Auto Dilat	Tail / Job No.			
		a. Synchro System Components (Air Data Computers, Auto Pilot Servos, Remote Position Indicators and Other Similar applications)	Synchro System Components (Air Data Computers, Auto Pilot Serves, Remote Resition Indicators and Other Similar applications)	LAME Sign.			
			Serves, Remote Position indicators and Other Similar applications	Date			
			Simulated	Yes No	Yes No	Yes No	
	b. Servo System Cor Remote Position			No. of Entries 1		2	3
		h	h Come Sustan Components (Air Data Computers, Auto Bilat Come	Tail / Job No.			
		Servo System Components (Air Data Computers, Auto Pilot Servos, Remote Position Indicators and Other Similar applications)	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.



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		No. of Entries	1		2			3		
	a. Synchro System Components (Air Data Computers, Auto Pilot Servos, Remote Position Indicators and Other Similar applications)	Tail / Job No.								
		LAME Sign.								
_		Date								
2. Align Synchro and Servo		Simulated	Yes	No     Yes     No       L     2     3						
	<ul> <li>b. Servo System Components (Air Data Computers, Auto Pilot Servos, Remote Position Indicators and Other Similar applications)</li> </ul>	No. of Entries	1		2			3		
System components		Tail / Job No.								
		LAME Sign.								
		Date								
		Simulated	Yes	No	Yes	No	Yes	No		
Performance Criteria:										
2.1 Adjust synchro and se standard enterprise p	vo system components until operating within prescribed limits or tolerances in a cedures to meet specifications.	accordance with m	naintena	nce	manua	als an	d			



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		No. of Entries	1	2		3	,		
	a - Currahan Curtana Comunanta (Ain Data Comunitaria Auto Dilat	Tail / Job No.							
	a. Synchro System Components (Air Data Computers, Auto Pilot	LAME Sign.							
	Servos, Remote Position indicators and Other Similar applications)	Date							
3. Troublashoot Synchro and		Simulated Yes No Yes							
Servo System Components		No. of Entries	1	2		3			
Servo System components	h - Comio Sustano Componente (Air Date Computere Auto Bilat Comios	Tail / Job No.							
	b. Servo System Components (Air Data Computers, Auto Pilot Servos, Pomoto Position Indicators and Other Similar applications)	LAME Sign.							
	Remote Position indicators and Other Similar applications)	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 de	termination.							

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.

Aviation	Trade Unit Certification Sheets	AA TT PRO 01a			
Name of Assessed Person:	Registration	n:			

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## 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.

Assessor No.		МТО:		Date:		
	01/12/2023		R: 3		Page: 4 of 4	
	_ Assessor No	Assessor No.	Assessor No MTO:	Assessor No. MTO:	Assessor No MTO: Date: 01/12/2023 R: 3	