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**Registration:** 

		ot Fixed Wing Aircraft Automatic Flight Control Systems and Componer	No. of Entries	-	L	2		3	3
			Tail / Job No.						
	a.	Automatic Pilot	LAME Sign.						
1			Date						
			Simulated	Yes	No	Yes	No	Yes	No
		Flight Director	No. of Entries	-	L	2		3	3
			Tail / Job No.						
1. Prepare for Troubleshooting	b.		LAME Sign.						
			Date						
			Simulated	Yes	No	Yes	No	Yes	No
		No. of Entries	-	L	2		3		
			Tail / Job No.						
	c.	Automatic Trim	LAME Sign.						
			Date						
			Simulated	Yes	No	Yes	No	Yes	No
Performance Criteria:									
1.1 Relevant maintenance do	cume	ntation and modification status, including systems defect reports, where	e relevant, are use	d to id	entify	/ unser	vicea	bility.	

			Trade Unit Certification Sheets	AA TT PRO 01a
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**Registration:** 

UNIT MEA230: Test and Troubl	esho	ot Fixed Wing Aircraft Automatic Flight Control Systems and Componer	its							
			No. of Entries	1	-	2	2	(1)	3	
			Tail / Job No.							
1. Cont'd		Yaw Damper	LAME Sign.							
			Simulated	Yes	No	Yes	No	Yes	No	
Prepare for Troubleshooting	e. Automatic Throttle and Automatic Landing (may be omitted where	No. of Entries	1	-	2		Э	\$		
		e. Automatic Throttle and Automatic Landing (may be omitted where not applicable to the enterprise)	Tail / Job No.							
			LAME Sign.							
			Date							
			Simulated	Yes	No	Yes	No	Yes	No	
Performance Criteria:										
1.1 Relevant maintenance documentation and modification status, including systems defect reports, where relevant, are used to identify unserviceability.										

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**Registration:** 

UNIT MEA230: Test and Troubl	esho	ot Fixed Wing Aircraft Automatic Flight Control Systems and Componer	nts						
			No. of Entries	1	L	2	2	(11)	3
			Tail / Job No.						
	a.	Automatic Pilot	LAME Sign.						
2.			Date						
			Simulated	Yes	No	Yes	No	Yes	No
			No. of Entries	1	L	2		3	
	b. Flight Director	Flight Director	Tail / Job No.						
Test / Adjust Automatic Flight			LAME Sign.						
Control System		Date							
		-	Simulated	Yes	No	Yes	No	Yes	No
			No. of Entries	1	L	2	2	(1)	\$
			Tail / Job No.						
	с.	Automatic Trim	LAME Sign.						
			Date						
		Simulated	Yes	No	Yes	No	Yes	No	
Performance Criteria:									

- 2.1 Aircraft and system are prepared in accordance with applicable maintenance manual for the application of power/system operation.
- 2.2 Automatic flight control system is functionally tested in accordance with maintenance manual for evidence of serviceability or malfunction while observing all relevant work health and safety (WHS) requirements.
- 2.3 System calibration or adjustments are performed in accordance with maintenance manual as appropriate.



**Registration:** 

UNIT MEA230: Test and Troubleshoot Fixed Wing Aircraft Automatic Flight Control Systems and Components											
		Yaw Damper	No. of Entries	1		2	-	3	3		
			Tail / Job No.								
	d.		LAME Sign.								
			Date								
2. Cont'd Test / Adjust Automatic Flight			Simulated	Yes	No	Yes	No	Yes	No		
Control System		e. Automatic Throttle and Automatic Landing (may be omitted where not applicable to the enterprise)	No. of Entries	1		2		3	3		
control system			Tail / Job No.								
	e.		LAME Sign.								
		not applicable to the enterprise	Date								
			Simulated	Yes	No	Yes	No	Yes	No		
Performance Criteria:											

2.1 Aircraft and system are prepared in accordance with applicable maintenance manual for the application of power/system operation.

2.2 Automatic flight control system is functionally tested in accordance with maintenance manual for evidence of serviceability or malfunction while observing all relevant work health and safety (WHS) requirements.

2.3 System calibration or adjustments are performed in accordance with maintenance manual as appropriate.



**Registration:** 

UNIT MEA230: Test and Troub	lesho	ot Fixed Wing Aircraft Automatic Flight Control Systems and Componer	nts						
			No. of Entries	1		2		(1)	3
	a.		Tail / Job No.						
3.		Automatic Pilot	LAME Sign.						
			Date						
			Simulated	Yes	No	Yes	No	Yes	No
			No. of Entries	1		2		3	}
		Flight Director	Tail / Job No.						
Troubleshoot Automatic			LAME Sign.						
Flight Control System		Date							
			Simulated	Yes	No	Yes	No	Yes	No
			No. of Entries	1		2		3	3
			Tail / Job No.						
	с.	Automatic Trim	LAME Sign.						
			Date						
			Simulated	Yes	No	Yes	No	Yes	No

#### Performance Criteria:

- 3.1 Available information from maintenance documents and inspection and test results is used, where necessary, to assist in fault determination.
- 3.2 Maintenance manual fault diagnosis guides and logic processes are used to ensure efficient and accurate *Troubleshooting* to line replacement level.
- 3.3 Specialist advice is obtained, where required, to assist with the troubleshooting process.
- 3.4 Automatic flight control system faults are located and the causes of the faults are clearly identified and correctly recorded in maintenance documentation, where required.
- 3.5 Rectification requirements are determined.

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



**Registration:** 

UNIT MEA230: Test and Troub	UNIT MEA230: Test and Troubleshoot Fixed Wing Aircraft Automatic Flight Control Systems and Components										
		Yaw Damper	No. of Entries	1		2		3			
			Tail / Job No.								
2 Counted	d.		LAME Sign.								
			Date								
3. Cont'd Troubleshoot Automatic			Simulated	Yes	No	Yes	No	Yes	No		
Flight Control System			No. of Entries	1		2		3			
right control system			Tail / Job No.								
	e.	Automatic Throttle and Automatic Landing (may be omitted where not applicable to the enterprise)	LAME Sign.								
		not applicable to the enterprise)	Date								
			Simulated	Yes	No	Yes	No	Yes	No		
Performance Criteria:											

- 3.1 Available information from maintenance documents and inspection and test results is used, where necessary, to assist in fault determination.
- 3.2 Maintenance manual fault diagnosis guides and logic processes are used to ensure efficient and accurate *Troubleshooting* to line replacement level.
- 3.3 Specialist advice is obtained, where required, to assist with the troubleshooting process.
- 3.4 Automatic flight control system faults are located and the causes of the faults are clearly identified and correctly recorded in maintenance documentation, where required.
- 3.5 Rectification requirements are determined.

**\*\* 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:					

**Registration:** 

Confirmation of Underpinning Knowledge and Skills to Test and Troubleshoot Fixed Wing Aircraft Automatic Flight Control Systems and Components

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 routine supervision on at least one item from each of Groups a) to d) (Group e) may be omitted where the listed systems are not applicable to the enterprise) as listed in the Range Statement. 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 MEA230: Test	and Troubleshoot Fixed Wing Aircraft Automatic Flight Control Systems and Components	Date / MTO Stamp					
	rmed 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).						
	225, 246						
Evidence has been confi Organisation.	Evidence has been confirmed of the knowledge requirements for this unit as delivered by a CASR 147 Approved Organisation.						
	OR						
Assessment has been co accordance with the Cor	nducted to determine that the underpinning knowledge and skills have been achieved in mpetency 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.	МТО:	Dat	e:
Approved by: Technical Training Manager	01/12/2023		R: 3	Page: 7 of 8
	Uncontrolled if Printe	ed		

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

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