

Registration:

UNIT MEA315: Inspect, test	and t	roubleshoot propeller system and components					
			No. of Entries	1	2	3	
			Tail / Job No.				
	a.	Propellers, including spinners, where fitted	LAME Sign.				
			Date				
			Simulated	Yes No	Yes No	Yes	No
			No. of Entries	1	2	3	
			Tail / Job No.				
	b.	Constant speed, feathering and reversing propeller drives	LAME Sign.				
			Date				
 Ispect propeller system and –		Simulated	Yes No	Yes No	Yes	No	
components.			No. of Entries	1	2	3	
components.			Tail / Job No.				
	с.	Beta control systems and governors	LAME Sign.				
			Date				
			Simulated	Yes No	Yes No	Yes	No
			No. of Entries	1	2	3	
			Tail / Job No.				
	d.	Controls and linkages	LAME Sign.				
			Date				
			Simulated	Yes No	Yes No	Yes	No

Performance Criteria:

1.1 Isolation tags already attached to the system or related systems are checked and aircraft configured for safe system inspection and operation in accordance with applicable maintenance manual.

1.2 Propeller system is visually or physically checked for rigging and external signs of defects in accordance with applicable maintenance manual while observing all relevant work health and safety (WHS) requirements, including the use of material safety data sheets (MSDS) and items of personal protective equipment (PPE).

		Trade Unit Certification Sheets	AA TT PRO 01a
Name	of Assessed Person:	Registration	1:

UNIT	MEA315: Inspect, test an	d troub	leshoot propeller system and components							
				No. of Entries	1	1	2	2		3
1. C	ont'd		Tail / Job No.							
Inspe	ect propeller system and	e De-ice/anti-ice equipment (may be omitted where it is not								
comp	oonents.		applicable to the enterprise).	Date						
				Simulated	Yes	No	Yes	No	Yes	No
1.1 1.2	accordance with applicat Propeller system is visua	ole main Ily or ph ork healt	o the system or related systems are checked and aircraft configured fon Itenance manual. Hysically checked for rigging and external signs of defects in accordance Ith and safety (WHS) requirements, including the use of material safety	e with applicable n	nainte	nance	manu	ual wh	ile	



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UNIT MEA315: Inspect, tes	t and t	roubleshoot propeller system and components							
			No. of Entries	1		2			3
			Tail / Job No.						
	a.	Propellers, including spinners, where fitted	LAME Sign.						
			Date						
			Simulated	Yes N	0	Yes	No	Yes	No
			No. of Entries	1		2	-		3
			Tail / Job No.						
	b.	Constant speed, feathering and reversing propeller drives	LAME Sign.						
			Date						
2.			Simulated	Yes N	0	Yes	No	Yes	No
Test propeller systems			No. of Entries	1		2	-		3
			Tail / Job No.						
	с.	Beta control systems and governors	LAME Sign.						
			Date						
			Simulated	Yes N	0	Yes	No	Yes	No
			No. of Entries	1		2			3
			Tail / Job No.						
	d.	Controls and linkages	LAME Sign.						
			Date						
			Simulated	Yes N	0	Yes	No	Yes	No

Performance Criteria:

- 2.1 Aircraft and system are correctly prepared, in accordance with maintenance manual, for the operation of engine and propeller system.
- 2.2 Propeller and system are functionally tested in accordance with applicable maintenance manual for evidence of malfunction or defects.
- 2.3 System calibration or adjustments are performed in accordance with applicable maintenance manual.

Aviation AUSTRALIA	Trade Unit Certification Sheets	AA TT PRO 01a
Name of Assessed Person:	Registra	tion:

			No. of Entries	1	1		2	3	3
		Do ico/anti ico oquinmont (may be amitted where it is not	Tail / Job No.						
2. Cont'd	e.	De-ice/anti-ice equipment (may be omitted where it is not applicable to the enterprise).	LAME Sign.						
Test propeller systems		applicable to the enterprise).	Date						
			Simulated	Yes	No	Yes	No	Yes	No
-		ly prepared, in accordance with maintenance manual, for the ope onally tested in accordance with applicable maintenance manual		•	•				



Registration:

			No. of Entries	1	2	3	
			Tail / Job No.				
	a.	Propellers, including spinners, where fitted	LAME Sign.				
			Date				
			Simulated	Yes No	Yes No	Yes	Ν
			No. of Entries	1	2	3	
			Tail / Job No.				
	b.	Constant speed, feathering and reversing propeller drives	LAME Sign.				
			Date				
			Simulated	Yes No	Yes No	Yes	١
epare for troubleshooting			No. of Entries	1	2	3	
			Tail / Job No.				
	с.	Beta control systems and governors	LAME Sign.				
			Date				
			Simulated	Yes No	Yes No	Yes	١
			No. of Entries	1	2	3	
			Tail / Job No.				
	d.	Controls and linkages	LAME Sign.				
			Date				
	1		Simulated	Yes No	Yes No	Yes	Ν

3.1 Relevant maintenance documentation and modification status, including system defect reports, where relevant, are interpreted to identify an unserviceability.

	Trade Unit Certification Sheets		T 91a						
lame of Assessed Person:	of Assessed Person: Registration:								
UNIT MEA315: Inspect, test a	l troubleshoot propeller system and components								
		No. of Entries	1		2)	3	;	
		Tail / Job No.							
3. Cont'd Prepare for troubleshooting	e. De-ice/anti-ice equipment (may be omitted where it is not applicable to the enterprise).	LAME Sign.							
Prepare for troubleshooting	applicable to the enterprise).	Date							
		Simulated	Yes	No	Yes	No	Yes	Ν	
Performance Criteria:									
3.1 Relevant maintenance d unserviceability.	cumentation and modification status, including system defect reports, whe	ere relevant, are inte	erprete	d to io	dentify	/ an			



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UNIT MEA315: Inspect, test	t and t	roubleshoot propeller system and components							
			No. of Entries	1		2	2		3
			Tail / Job No.						
	a.	Propellers, including spinners, where fitted	LAME Sign.						
			Date						
			Simulated	Yes	No	Yes	No	Yes	No
			No. of Entries	1		2	2		3
			Tail / Job No.						
	b.	Constant speed, feathering and reversing propeller drives	LAME Sign.						
			Date						
4. Troubleshoot propeller —		S	Simulated	Yes	No	Yes	No	Yes	No
systems			No. of Entries	1		2	2		3
Systems			Tail / Job No.						
	с.	Beta control systems and governors	LAME Sign.						
			Date						
			Simulated	Yes	No	Yes	No	Yes	No
			No. of Entries	1		2	2	:	3
			Tail / Job No.						
	d.	Controls and linkages	LAME Sign.						
			Date						
			Simulated	Yes	No	Yes	No	Yes	No

Performance Criteria:

- 4.1 Available information from maintenance documentation and inspection and test results is used, where necessary, to assist in fault determination.
- 4.2 Maintenance manual fault diagnosis guide and logical processes are used to ensure efficient and accurate troubleshooting to line replacement level.
- 4.3 Specialist advice is obtained, where required, to assist with the troubleshooting process.
- 4.4 Propeller system faults are located and the causes of the faults are clearly identified and correctly recorded in maintenance documentation, where required.
- 4.5 Fault rectification requirements are determined to assist in planning the repair.

		Trade Unit Certification Sheets	AA TT PRO 01a
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Registration:

				No. of Entries		1	2	2		3
4. Cont'd				Tail / Job No.						
Troubleshoot	propeller	e.	De-ice/anti-ice equipment (may be omitted where it is not	LAME Sign.						
systems			applicable to the enterprise).	Date						
				Simulated	Yes	No	Yes	No	Yes	No
4.1 Availab	la information fro	m main	tenance documentation and inspection and test results is used, wh	ore possessive to as	cict in f	oult d	otorm	inatio		

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

Registration:

Certification of Underpinning Knowledge and Skills to Inspect, test and troubleshoot propeller system 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 (1) item from each of the following groups listed in the assessment conditions a) to e) that are applicable to the enterprise. (Group e) may be omitted where they are not Applicable to the Enterprise). This shall be established via the records in the Log of Industrial Experience or, where appropriate, an equivalent Industry Evidence Guide.

UNIT MEA315: Inspect, test and troubleshoot propeller system and 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).	
307	
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	:
Approved by: Technical Training Manager		01/12/2023 Uncontrolled if Printed		F	R: 3	Page: 9 of 10

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