

AA TT PRO 01a

Name of Assessed Person: Registration:

UNIT MEAMEC0063: Repair	and Ove	rhaul Gas Turbine Engine Air Inlet and Compressor Components and	Modules					
			No. of Entries	1		2		3
		Air in let etweet we and blace in deeps whose those it care are mant of	Tail / Job No.					
	a.	Air inlet structure and blow-in doors where these items are part of an engine change unit or engine module	LAME Sign.					
		an engine change unit of engine module	Date					
			Simulated	Yes No	Ye	No.	Yes	No
b.			No. of Entries	1		2		3
	h	Ean where applicable (may be emitted if not applicable to	Tail / Job No. LAME Sign.					
	Б.	Fan, where applicable (may be omitted if not applicable to enterprise)	LAME Sign.					
		enterprise	Date					
1.			Simulated	Yes No	Ye	No.	Yes	No
Determine Requirements			No. of Entries	1		2		3
			Tail / Job No.					
	c.	Inlet guide vanes	LAME Sign.					
			Date					
			Simulated	Yes No	Ye	No.	Yes	No
			No. of Entries	1		2		3
	d.	Centrifugal or axial flow compressor assemblies (low and high	Tail / Job No.					
	u.	pressure)	LAME Sign.					
		pi coodi cj	Date					
		Simulated	Yes No	Ye	No.	Yes	No	

- 1.1 Interpret and match component defect reports (removal tags) or customer order by part and serial numbers.
- 1.2 Inspect and/or operate air inlet and compressor components through prescribed test procedures to establish serviceability and confirm defects, when required.
- 1.3 Clearly establish modification status to assist in determining the overhaul requirements for the components.
- 1.4 Identify and document extent of overhaul or repair in accordance with standard enterprise procedures.



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Cont'd. Determine Requirements		. Compressor bleed valves, where applicable (may be omitted if not applicable to enterprise)	No. of Entries	1		2		3	}		
	e.		Tail / Job No.								
			LAME Sign.								
				Date							
				Simulated	Yes	No	Yes	No	Yes	No	

- 1.1 Interpret and match component defect reports (removal tags) or customer order by part and serial numbers.
- 1.2 Inspect and/or operate air inlet and compressor components through prescribed test procedures to establish serviceability and confirm defects, when required.
- 1.3 Clearly establish modification status to assist in determining the overhaul requirements for the components.
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			No. of Entries	1		2	3	3		
		Air inlet structure and blow in dears where these items are nort of	Tail / Job No.							
	a.	Air inlet structure and blow-in doors where these items are part of an engine change unit or engine module	LAME Sign.							
		an engine change unit of engine module	Date							
			Simulated	Yes No	Yes	No	Yes	No		
			No. of Entries	1		2	3	3		
b. 2. Troubleshoot Air Inlet and	h	Ean where applicable (may be emitted if not applicable to	Tail / Job No.							
	Б.	Fan, where applicable (may be omitted if not applicable to enterprise)	LAME Sign.							
		circi priscy	Date							
			Simulated	Yes No	Yes	No	Yes	No		
Compressor Components			No. of Entries	1		2	:	3		
compressor components			Tail / Job No.							
	c.	Inlet guide vanes	LAME Sign.							
			Date							
d			Simulated	Yes No	Yes	No	Yes	No		
			No. of Entries	1		2		3		
	4	Centrifugal or axial flow compressor assemblies (low and high	Tail / Job No.							
	u.	pressure)	LAME Sign.							
		pressure <i>j</i>	Date							
		Simulated	Yes No	Yes	No	Yes	No			

- 2.1 Use available information from maintenance records and test results, when required, to assist in fault determination.
- 2.2 Use logical processes to ensure efficient and accurate troubleshooting.
- 2.3 Obtain specialist advice, when required, to assist with, or confirm, the fault and rectification requirement.
- 2.4 Locate air inlet and compressor component faults and clearly identify the causes of the faults.
- 2.5 Determine fault rectification requirements to assist in planning the repair.



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UNIT MEAMEC0063: Repair and Overhaul Gas Turbine Engine Air Inlet and Compressor Components and Modules											
				No. of Entries	1		2	<u>)</u>	(1)	8	
2. Cont'd.		Communication of values where continues	(many has a maitted if	Tail / Job No.							
Troubleshoot Air Inlet and	e.	Compressor bleed valves, where applicable not applicable to enterprise)	(may be omitted if	LAME Sign.							
Compressor Components		not applicable to enterprise;		Date							
				Simulated	Yes	No	Yes	No	Yes	No	

- 2.1 Use available information from maintenance records and test results, when required, to assist in fault determination.
- 2.2 Use logical processes to ensure efficient and accurate troubleshooting.
- 2.3 Obtain specialist advice, when required, to assist with, or confirm, the fault and rectification requirement.
- 2.4 Locate air inlet and compressor component faults and clearly identify the causes of the faults.
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UNIT MEAMEC0063: Repair	UNIT MEAMEC0063: Repair and Overhaul Gas Turbine Engine Air Inlet and Compressor Components and Modules											
			No. of Entries	1		2)	3	3			
		Air inlet structure and blow in deers where these items are part of	Tail / Job No.									
	a.	Air inlet structure and blow-in doors where these items are part of an engine change unit or engine module	LAME Sign.									
		an engine change unit of engine module	Date									
			Simulated	Yes	No	Yes	No	Yes	No			
			No. of Entries	1		2)	3	3			
3 .	h	Fan, where applicable (may be omitted if not applicable to	Tail / Job No.									
	D.	enterprise)	LAME Sign.									
		enterprise	Date									
Dismantle and Inspect Air			Simulated	Yes	No	Yes	No	Yes	No			
Inlet and Compressor			No. of Entries	1		2	2	3	3			
Component Parts			Tail / Job No.									
	c.	Inlet guide vanes	LAME Sign.									
			Date									
			Simulated	Yes	No	Yes	No	Yes	No			
			No. of Entries	1		2	-		3			
	d.	Centrifugal or axial flow compressor assemblies (low and high	Tail / Job No.									
	۱ u.	pressure)	LAME Sign.									
		p. 3332. 2)	Date									
			Simulated	Yes	No	Yes	No	Yes	No			

- 3.1 Dismantle air inlet and compressor component parts in accordance with maintenance manual while observing all relevant work health and safety (WHS) requirements, including the use of material safety data sheets (MSDSs) and items of personal protective equipment (PPE).
- 3.2 Assess component parts for serviceability in accordance with the relevant maintenance documentation.
- 3.3 Tag parts requiring specialist repair and specify repair instructions in accordance with standard enterprise procedures.
- 3.4 Prepare parts requiring non-destructive testing (NDT) for testing in accordance with the relevant maintenance documentation.
- 3.5 Compile and process parts lists in accordance with standard enterprise procedures.



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UNIT MEAMEC0063: Repair and Overhaul Gas Turbine Engine Air Inlet and Compressor Components and Modules											
				No. of Entries	1	•	2	<u>)</u>	3	}	
3. Cont'd.			(many be amitted if	Tail / Job No.							
Dismantle and Inspect Air Inlet and Compressor	e.	Compressor bleed valves, where applicable not applicable to enterprise)	(may be omitted if	LAME Sign.							
Component Parts		not applicable to enterprise;		Date							
Component raits				Simulated	Yes	No	Yes	No	Yes	No	

- 3.1 Dismantle air inlet and compressor component parts in accordance with maintenance manual while observing all relevant work health and safety (WHS) requirements, including the use of material safety data sheets (MSDSs) and items of personal protective equipment (PPE).
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			No. of Entries	1		2	<u>)</u>	(1)	3		
		Air inlet structure and blow in dears where these items are nort of	Tail / Job No.								
	a.	Air inlet structure and blow-in doors where these items are part of an engine change unit or engine module	LAME Sign.								
		an engine change unit of engine module	Date								
			Simulated	Yes	No	Yes	No	Yes	No		
			No. of Entries	1	-	2)	3	3		
b. 4. Benefit and for modify Air Inlet	h	Ean, where applicable /mgu he emitted if not applicable to	(may be omitted if not applicable to								
	D.	enterprise)	LAME Sign.								
		Citerprise	Date								
Repair and/or modify Air Inlet and Compressor Components			Simulated	Yes	No	Yes	No	Yes	No		
and compressor components	 -	No. of Entries	1		2	<u>-</u>	3	3			
			Tail / Job No.	lob No.							
	c.	Inlet guide vanes	LAME Sign.								
			Date								
			Simulated	Yes	No	Yes	No	Yes	No		
			No. of Entries	1		2	-	3	3		
	d.	Centrifugal or axial flow compressor assemblies (low and high	Tail / Job No.								
	۵.	pressure)	LAME Sign.								
	pressure)	Date									
		Simulated	Yes	No	Yes	No	Yes	No			

Performance Criteria:

- 4.1 Repair or replace component parts in accordance with the relevant maintenance documentation.
- 4.2 Modify components, when required, in accordance with relevant manufacturers' bulletins or procedures and/or customer requirements.

Note:

Repair of component parts may include: a. Finishing or re-finishing of metal surfaces through processes, such as polishing and lapping. b. Removal of corrosion within maintenance manual limits.

c. Replacement of seals and backing rings. d. Replacement of bearings. e. Application of surface treatments, such as alodining. f. Restoration of paint finishes.



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UNIT MEAMEC0063: Repair and Overhaul Gas Turbine Engine Air Inlet and Compressor Components and Modules											
4. Cont'd. Repair and/or modify Air Inlet				No. of Entries	1		2		3	;	
		e. Compressor bleed valves, where applicable (may be omitted if not applicable to enterprise) Tail / Job No. LAME Sign. Date	Tail / Job No.								
	et e.										
and Compressor Component	s		Date								
				Simulated	Yes	No	Yes	No	Yes	No	

Performance Criteria:

- 4.1 Repair or replace component parts in accordance with the relevant maintenance documentation.
- 4.2 Modify components, when required, in accordance with relevant manufacturers' bulletins or procedures and/or customer requirements.

Note:

Repair of component parts may include:

- a. Finishing or re-finishing of metal surfaces through processes, such as polishing and lapping.
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			No. of Entries	1		2		3	}	
		Air inlet structure and blow in dears where these items are nort of	Tail / Job No.							
	a.	Air inlet structure and blow-in doors where these items are part of an engine change unit or engine module	LAME Sign.							
		an engine change unit of engine module	Date							
			Simulated	Yes	No	Yes	No	Yes	No	
b.			No. of Entries	1		2		3	}	
	 	For where applicable /www.he amitted if not applicable to	Tail / Job No.							
	D.	Fan, where applicable (may be omitted if not applicable to enterprise)	LAME Sign.							
		Da Sir	Date							
Assemble, Test and Adjust Air			Simulated	Yes	No	Yes	No	Yes	No	
Inlet and Compressor			No. of Entries	1		2		3	;	
Components			Tail / Job No.							
	c.	Inlet guide vanes	LAME Sign.							
			Date							
			Simulated	Yes	No	Yes	No	Yes	No	
			No. of Entries	1		2		3	}	
	d.	Centrifugal or axial flow compressor assemblies (low and high	Tail / Job No.							
	u.	pressure)	LAME Sign.					<u> </u>		
		p. 255 d. C,	Date					<u> </u>		
		Simulated	Yes	No	Yes	No	Yes	No		

- 5.1 Assemble air inlet and compressor component parts within specified tolerances and in accordance with the appropriate maintenance documents while observing all relevant WHS requirements, including the use of MSDSs and items of PPE.
- 5.2 Remove support or safety equipment, where fitted, at the appropriate time.
- 5.3 Adjust components to ensure that fits and clearances are within prescribed specifications, and seek required supervisory guidance for complex testing and adjustments.
- 5.4 Tag, seal and pack finished components in accordance with standard enterprise procedures.



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UNIT MEAMEC0063: Repair and Overhaul Gas Turbine Engine Air Inlet and Compressor Components and Modules										
			No. of Entries	1		2)	(3)	3	
5. Cont'd.		Compared to blood values who are similarly forms to a switted if	Tail / Job No.							
Assemble, Test and Adjust Air Inlet and Compressor	e.	Compressor bleed valves, where applicable (may be omitted if not applicable to enterprise)	LAME Sign.							
Components		not applicable to enterprise)	Date							
Components			Simulated	Yes	No	Yes	No	Yes	No	

- 5.1 Assemble air inlet and compressor component parts within specified tolerances and in accordance with the appropriate maintenance documents while observing all relevant WHS requirements, including the use of MSDSs and items of PPE.
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Name of Assessed Person: Registration:

Certification of Underpinning Knowledge and Skills to Repair and/or Overhaul Gas Turbine Engine Air Inlet and Compressor Components and/or Modules

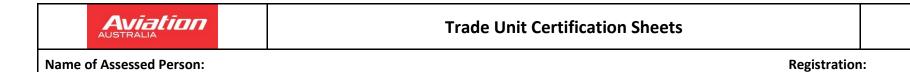
A person cannot be assessed as competent until it can be demonstrated to the satisfaction of the workplace assessor that the relevant elements of this unit of competency are being achieved under routine supervision on each type of system and on at least one (1) item of each group listed in the assessment conditions a) to e) that are applicable to the enterprise. (*Groups b and 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 and Achievement or, where appropriate, an equivalent Industry Evidence Guide (for details refer to the Companion Volume Implementation Guide).

UNIT MEAMEC0063: Repair and Overhaul Gas Turbine Engine Air Inlet and Compressor Components and Modules	
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).	
107, 154, 155, 156, 157 & 158	
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:



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