Sample Course Product Description

Training Product	Subsidised Certificate IV Aeroskills for Apprentices MEA40718 Certificate IV in Aeroskills (Mechanical)
Intro	Flight One School of Engineering offers a Certificate IV in Aeroskills programme for South Australian Apprentices. Delivered at purpose-built facilities at Adelaide Airport, this course provides a strong foundation in aviation engineering, covering Mechanical and basics. Through practical training and theoretical learning, students develop essential hand skills, workplace safety awareness, and an understanding of aircraft maintenance principles. This course is only available to apprentices employed under a training contract in South Australia. Participant Eligibility Criteria apply. Visit www.skills.sa.gov.au for Participant Eligibility Criteria.
Who is this Course Suitable for?	This course is only available to apprentices employed under a training contract in South Australia.
Overview	Aeroskills Apprenticeship MEA40718 The Flight One Certificate IV in Aeroskills is delivered to apprentices throughout South Australia under a training contract and is subsidised by Skills SA The course is designed to run over 4 years and cover all aspects of inspecting, repairing and maintaining all mechanical aspects of general, commercial and defence sectors. Aeroskills Certificate IV's can be tailored to suit the specific outcome requirements of the Apprentice and Employer. This can be Fixed or Rotary wing, Piston or Gas Turbine engine. Apprentices will graduate with a Certificate IV, giving them a recognised trade qualification in Aircraft Maintenance Engineering. What Will I Learn? • Fundamentals of aircraft maintenance and repair • Safe use of precision hand tools and workshop equipment • Workplace safety and aviation industry standards • Mechanical systems, including engines, hydraulics, and airframes • Understanding of aircraft components and their functions • Practical experience in a real aviation training environment
Class Times	**Class Times:** • Class is available online and can be started and finished at anytime • Classes for the CASA Modules are also available on request and the schedule is released at the beginning of each year **Location:** Flight One School of Engineering 17 James Schofield Drive Adelaide Airport SA 5950 **Campus Maps:** • Open in Google Maps >>

	• Download PDF Map >>
Inclusions	The Certificate IV in Aeroskills: • 8 Common Core Units • 13 Elective Units • https://training.gov.au/training/details/MEA40718/qualdetails • All training must conform to the packaging rules outlined at training.gov
Entry Criteria	**General Requirements** Following are the general entry requirements for the Certificate IV in Aeroskills in South Australia. • Employed under a Training Contract in South Australia • Pass S.A. Government required LLN assessment and; • Eligible for a training account • Other terms and conditions may apply **Visa Requirements for Non-Australian Citizens** In accordance with South Australian funding regulations, only holders of the following visas are eligible for subsidised training: • All permanent residency visa holders • Skilled – Work Regional (subclass 491) • Skilled – Regional (Provisional) Visa (subclass 489) • Skilled Employer Sponsored Regional (subclass 494) • Business Innovation and Investment (Provisional) Visa, subclass 188 • Safe Haven Enterprise Visa (SHEV), subclass 790 • Bridging Visa A, subclass 010* • Bridging Visa E (BE), subclass 050 and 051* • Temporary Protection Visa (TPV), subclass 785* • Bridging Visa B (BVB), subclass 020* • Bridging Visa F (BVF), subclass 060* • Partner Visa (Temporary), subclass 820 and 309 • Temporary Humanitarian Stay visa (subclass 449) • Temporary Humanitarian Concern (THC) visa (subclass 786) *Individuals on bridging visas are only eligible where they are waiting on the outcome of an application for a permanent visa or one of the temporary visas listed above. Visa holders with the following repealed provisional visas are also eligible for subsidised training: • Skilled – Regional (Provisional) Visa (subclass 489) • Skilled – Regional Sponsored Visa (subclass 475) • Skilled – Regional Sponsored Visa (subclass 487) • Skilled Independent – Regional (Provisional) Visa (subclass 495) • Senior Executive (Provisional) Visa (subclass 161) • Investor (Provisional) Visa (subclass 162) • State/Territory Sponsored Business Owner (Provisional) Visa, subclass 163 • State/Territory Sponsored Senior Executive (Provisional) Visa, subclass 164 • State/Territory Sponsored Investor (Provisional) Visa, subclass 165

	SA Funding Participant Eligibility Criteria All Participants must: • reside or work in South Australia; and • be an Australian or New Zealand citizen; or • be a permanent Australian resident; or • hold a State sponsored visa on a pathway to permanent residency; or • hold a humanitarian temporary visa of a class specified by the Minister from time to time; and are • not enrolled in school, and aged 16 years or over; or • enrolled in school, and in Year 10 or above, and undertaking training as an apprentice or trainee through a Training Contract; or • in Year 11 or above, aged 16 years or over or turning 16 in the current year of enrolment, undertaking fulltime SACE or equivalent, and undertaking training through identified subsidised arrangements (such as VET for School Students), after having completed a relevant preparatory VET Pathway. **Conditions** For conditions associated with funded activities, download our SA Funded Training Access Policy.
Tuition Fees	**Certificate IV in Aeroskills MEA40718** **The fee below assumes the student qualifies for subsidised training in SA** The Certificate IV in Aeroskills has a nominal student co-contribution of $1937.50, this figure is due to the qualification being subsidised.
Units of Competency	Dependant upon the stream being sought and must be compliant with packaging rules at then link below: https://training.gov.au/training/details/MEA40718/qualdetails
How to Enrol	**How to Enrol In This Course** First, talk with your employer to decide what pathway you wish to pursue. Employer sends EOI to commence the UAN process. Up front assessment of needs process commences (UAN), upon success completion of the process, the course will commence.

MEA40718 Certificate IV in Aeroskills (Mechanical)

Modification History

Release	Comments
3	Elective unit code updated. Error in unit title corrected.
2	Elective unit codes updated. Supersedes and is equivalent to MEA40718 Certificate IV in Aeroskills (Mechanical) (Release 1).
1	This qualification was first released in MEA Aeroskills Training Package Release 2.0.

Qualification Description

This qualification applies to employees of Civil Aviation Maintenance Organisations (AMOs) or to members of the Australian Defence Force (ADF) who perform scheduled inspections, fault diagnosis and repair, and modification of airframes and airframe mechanical, hydraulic and pneumatic systems and components and of aircraft engines and (where applicable) propellers.

The qualification applies to either aircraft maintenance performed on flight lines/ramps and in hangars, or to airframe and engine component repair and overhaul performed in workshops. These outcomes are defined in two streams:

- aircraft maintenance stream
- component maintenance workshop stream.

The qualification consists of:

- common units that apply to all Aeroskills specialist streams at AQF Certificate III and IV levels
- mechanical and structures technical stream units relating to airframe and engine system and component maintenance
- mechanical technical stream units and a small number of avionic stream units that are applicable to the aircraft component maintenance workshop stream.

Because of the wide application of this qualification there is considerable flexibility in the selection of technical stream units and individuals should be mindful of their future career aspirations when selecting units for, in particular, the aircraft maintenance stream. Provided that the correct elective units are selected, the qualification articulates with the MEA50219 Diploma of Aeroskills (Mechanical), which qualifies individuals for the grant by Civil Aviation Safety Authority (CASA) of a B1 Aircraft Maintenance Engineer Licence.

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The qualification also provides credit towards the MEA50422 Diploma of Aviation Maintenance Management and the MEA60222 Advanced Diploma of Aviation Maintenance Management.

Licensing/Regulatory Information

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

Nil.

Packaging Rules

To be awarded the MEA40718 Certificate IV in Aeroskills (Mechanical) – aircraft maintenance stream, competency must be demonstrated in 21 units, consisting of:

- all 8 core units
- 13 units from Group A.

To be awarded the MEA40718 Certificate IV in Aeroskills (Mechanical) – component maintenance workshop stream, competency must be demonstrated in 14 units, consisting of:

- all 8 core units
- 6 units from Groups B and C, consisting of:
    - at least 3 units from Group B
    - 3 units or fewer from Group C.

CORE UNITS

Unit code	Unit title	Prerequisites
MEA107	Interpret and use aviation maintenance industry manuals and specifications	
MEA118	Conduct self in the aviation maintenance environment	
MEA154	Apply work health and safety practices in aviation maintenance	
MEA155	Plan and organise aviation maintenance work activities	MEA154
MEA156	Apply quality standards during aviation maintenance activities	MEA107, MEA154

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MEA157	Complete aviation maintenance industry documentation	
MEA158	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	
MSMENV272	Participate in environmentally sustainable work practices	

ELECTIVE UNITS

Group A (Aircraft Maintenance Stream)

Choose 13 of the elective mechanical and structures technical stream units listed below while observing the unit selection guidelines in column 4.

Unit code	**Unit title**	**Prerequisites**	**Unit Selection Guidelines**
AVIF0044	Marshal aircraft		
MEA201	Remove and install miscellaneous aircraft electrical hardware/components	MEA107, MEA154, MEA155 MEA156, MEA157, MEA158	
MEA246	Fabricate and/or repair aircraft electrical hardware or parts	MEA201, MEA296	
MEA296	Use electrical test equipment in aviation maintenance activities	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158	
MEA301	Perform aircraft flight servicing	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158	

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MEA303	Remove and install aircraft pneumatic system components	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158	
MEA304	Remove and install non-pressurised aircraft structural and non-structural components	MEA398	Do not take with MEA317
MEA305	Remove and install aircraft fixed wing flight control system components	MEA398	
MEA306	Remove and install engines and engine system components	MEA398	
MEA307	Remove and install propeller systems and components	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158	
MEA308	Remove and install rotary wing rotor and flight control system components	MEA398	
MEA309	Inspect, test and troubleshoot aircraft hydro-mechanical and landing gear systems and components	MEA398	Do not take with MEA318 or MEA320
MEA310	Inspect, test and troubleshoot aircraft pneumatic systems and components	MEA303	Do not take with MEA318 or MEA320
MEA312	Inspect, test and troubleshoot aircraft fixed wing flight control systems and components	MEA305	Do not take with MEA318 or MEA321

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MEA313	Inspect, test and troubleshoot piston engine systems and components	MEA306	
MEA315	Inspect, test and troubleshoot propeller systems and components	MEA307	
MEA316	Inspect, test and troubleshoot rotary wing rotor and control systems and components	MEA308	
MEA317	Remove and install pressurised aircraft structural and non-structural components	MEA398, MEA303	Do not take with MEA304
MEA318	Inspect aircraft hydro-mechanical, mechanical, gaseous and landing gear systems and components	MEA305, MEA398, MEA303	Do not take with MEA309 or MEA310
MEA319	Inspect gas turbine engine systems and components	MEA306	Do not take with MEA314
MEA320	Test and troubleshoot aircraft hydro-mechanical, gaseous and landing gear systems and components	MEA318	Do not take with MEA309 or MEA310
MEA321	Test and troubleshoot aircraft fixed wing flight control systems and components	MEA318	Do not take with MEA312
MEA322	Test and troubleshoot gas turbine engine systems and components	MEA319	Do not take with MEAMEC0013
MEA328	Maintain and/or repair aircraft mechanical components or parts	MEA398, MEA303	Do not take with MEAMEC0024
MEA339	Inspect, repair and maintain aircraft structures	MEA317 or MEA304	Do not take with MEASTR0001 or MEASTR0005

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MEA398	Remove and install aircraft hydro-mechanical and landing gear system components	MEA154	
MEAMEC0013	Inspect, test and troubleshoot gas turbine engine systems and components	MEA306	Do not take with MEA319 or MEA322
MEAMEC0024	Fabricate and repair aircraft mechanical components or component parts	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158	Do not take with MEA328
MEAMEC0053	Perform borescope inspections		Should be combined with a unit where CASA borescope inspection authority is required: MEA313, MEA322, MEAMEC0013 or MEAMEC0067
MEAMEC0077	Maintain aircraft vapour cycle air conditioning systems	MEA201, MEA246	
MEASTR0001	Inspect aircraft structures	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158	Do not take with MEA339 or MEAMEC0058
MEASTR0005	Maintain aircraft structure and components	MEASTR0001	Do not take with MEA339

Group B and C (Component Maintenance Workshop Stream)

Choose at least 3 units from Group B and no more than 3 units from Group C to make up a total of 6 elective units.

Unit code	Unit title	Prerequisites

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MEAMEC0060	Repair and overhaul aircraft hydraulic system components	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAMEC0061	Repair and overhaul aircraft pneumatic system components	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAMEC0062	Repair and overhaul aircraft fuel system components	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAMEC0063	Repair and overhaul gas turbine engine air inlet and compressor components and modules	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAMEC0064	Repair and overhaul gas turbine engine combustion section components and modules	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAMEC0065	Repair and overhaul gas turbine, engine turbine and exhaust section components	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAMEC0066	Repair and overhaul gas turbine engine ancillary section components	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAMEC0067	Test gas turbine engines and engine modules after overhaul or repair	MEAMEC0063, MEAMEC0064, MEAMEC0065, MEAMEC0066
MEAMEC0068	Repair and overhaul propellers	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAMEC0069	Repair and overhaul rotary wing dynamic components	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAMEC0070	Repair and overhaul aircraft mechanical system components	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAMEC0071	Disassemble aircraft piston engines	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAMEC0072	Repair and overhaul aircraft piston engine cylinder assembly components	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAMEC0073	Repair and overhaul aircraft piston engine crankcase assembly components	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158

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MEAMEC0074	Reassemble aircraft piston engines	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAMEC0075	Assemble aircraft piston engine quick engine change unit	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAMEC0076	Test aircraft piston engines after repair or overhaul	MEAMEC0071, MEAMEC0072, MEAMEC0073, MEAMEC0074, MEAMEC0075

Group C

Unit code	Unit title	Prerequisites
MEA201	Remove and install miscellaneous aircraft electrical hardware/components	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEA246	Fabricate and/or repair aircraft electrical hardware or parts	MEA201, MEA296
MEA296	Use electrical test equipment in aviation maintenance activities	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEAMEC0055	Shot-peen aircraft components	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158
MEM13015	Work safely and effectively in manufacturing and engineering	
MEM16006	Organise and communicate information	MEM13015
MEM24012	Apply metallurgical principles	MEM13015, MEM16006
MEM24040	Undertake basic penetrant tests	MEM13015, MEM16006
MEM24041	Undertake basic magnetic particle tests	MEM13015, MEM16006

Pre-requisite Requirements

Unit of competency	Prerequisite requirement
MEAMEC0072 Repair and overhaul aircraft piston engine cylinder assembly components	MEA156 Apply quality standards applicable to aviation maintenance

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	MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEM16006 Organise and communicate information	MEM13015 Work safely and effectively in manufacturing and engineering
MEAMEC0013 Inspect, test and troubleshoot gas turbine engine systems and components	MEA306 Remove and install engines and engine system components
MEAMEC0062 Repair and overhaul aircraft fuel system components	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEA306 Remove and install engines and engine system components	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities

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	MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEA313 Inspect, test and troubleshoot piston engine systems and components	MEA306 Remove and install engines and engine system components
MEASTR0001 Inspect aircraft structures	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEAMEC0067 Test gas turbine engines and engine modules after overhaul or repair	MEAMEC0066 Repair and/or overhaul gas turbine engine ancillary section components MEAMEC0065 Repair and overhaul gas turbine, engine turbine and exhaust section components MEAMEC0064 Repair and overhaul gas turbine engine combustion section components and modules

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	MEAMEC0063 Repair and overhaul gas turbine engine air inlet and compressor components and modules
MEAMEC0066 Repair and overhaul gas turbine engine ancillary section components	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEAMEC0077 Maintain aircraft vapour cycle air conditioning systems	MEA246 Fabricate and/or repair aircraft electrical hardware or parts MEA201 Remove and install miscellaneous aircraft electrical hardware/components
MEAMEC0073 Repair and overhaul aircraft piston engine crankcase assembly components	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation

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	MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEA296 Use electrical test equipment in aviation maintenance activities	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEM24040 Undertake basic penetrant tests	MEM16006 Organise and communicate information MEM13015 Work safely and effectively in manufacturing and engineering
MEA156 Apply quality standards during aviation maintenance activities	MEA154 Interpret work health and safety practices in aviation maintenance MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEM24041 Undertake basic magnetic particle tests	MEM16006 Organise and communicate information MEM13015 Work safely and effectively in manufacturing and engineering
MEAMEC0076 Test aircraft piston engines after repair or overhaul	MEAMEC0072 Repair and/or overhaul aircraft piston engine cylinder assembly components

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	MEAMEC0073 Repair and overhaul aircraft piston engine crankcase assembly components MEAMEC0071 Disassemble aircraft piston engines MEAMEC0075 Assemble aircraft piston engine quick engine change unit MEAMEC0074 Reassemble aircraft piston engines
MEA303 Remove and install aircraft pneumatic system components	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEAMEC0065 Repair and overhaul gas turbine, engine turbine and exhaust section components	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation

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	MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEAMEC0055 Shot-peen aircraft components	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEA316 Inspect, test and troubleshoot rotary wing rotor and control systems and components	MEA308 Remove and install rotary wing rotor and flight control system components
MEA307 Remove and install propeller systems and components	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications

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MEA309 Inspect, test and troubleshoot aircraft hydro-mechanical and landing gear systems and components	MEA398 Remove and install aircraft hydro-mechanical and landing gear system components
MEAMEC0060 Repair and overhaul aircraft hydraulic system components	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEA319 Inspect gas turbine engine systems and components	MEA306 Remove and install engines and engine system components
MEA398 Remove and install aircraft hydro-mechanical and landing gear system components	MEA154 Interpret work health and safety practices in aviation maintenance
MEA301 Perform aircraft flight servicing	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation

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	MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEA246 Fabricate and/or repair aircraft electrical hardware or parts	MEA296 Use electrical test equipment MEA201 Remove and install miscellaneous aircraft electrical hardware/components
MEAMEC0071 Disassemble aircraft piston engines	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEAMEC0068 Repair and overhaul propellers	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications

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MEASTR0005 Maintain aircraft structure and components	MEASTR0001 Inspect aircraft structures
MEAMEC0064 Repair and overhaul gas turbine engine combustion section components and modules	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEA321 Test and troubleshoot aircraft fixed wing flight control systems and components	MEA318 Inspect aircraft hydro-mechanical, mechanical, gaseous and landing gear systems and components
MEA312 Inspect, test and troubleshoot aircraft fixed wing flight control systems and components	MEA305 Remove and install aircraft fixed wing flight control system components
MEA328 Maintain and/or repair aircraft mechanical components or parts	MEA303 Remove and install aircraft pneumatic system components MEA398 Remove and install aircraft hydro-mechanical and landing gear system components
MEAMEC0069 Repair and overhaul rotary wing dynamic components	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance

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	MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEAMEC0063 Repair and overhaul gas turbine engine air inlet and compressor components and modules	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEA201 Remove and install miscellaneous aircraft electrical hardware/components	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation

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	MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEA155 Plan and organise aviation maintenance work activities	MEA154 Interpret work health and safety practices in aviation maintenance
MEAMEC0070 Repair and overhaul aircraft mechanical system components	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEA322 Test and troubleshoot gas turbine engine systems and components	MEA319 Inspect gas turbine engine systems and components
MEAMEC0075 Assemble aircraft piston engine quick engine change unit	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications

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MEM24012 Apply metallurgical principles	MEM16006 Organise and communicate information MEM13015 Work safely and effectively in manufacturing and engineering
MEAMEC0074 Reassemble aircraft piston engines	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEA339 Inspect, repair and maintain aircraft structures	MEA304 Remove and install non-pressurised aircraft structural and non-structural components MEA317 Remove and install pressurised aircraft structural and non-structural components
MEA304 Remove and install non-pressurised aircraft structural and non-structural components	MEA398 Remove and install aircraft hydro-mechanical and landing gear system components
MEA320 Test and troubleshoot aircraft hydro-mechanical, gaseous and landing gear systems and components	MEA318 Inspect aircraft hydro-mechanical, mechanical, gaseous and landing gear systems and components
MEA310 Inspect, test and troubleshoot aircraft pneumatic systems and components	MEA303 Remove and install aircraft pneumatic system components
MEA318 Inspect aircraft hydro-mechanical, mechanical, gaseous and landing gear systems and components	MEA303 Remove and install aircraft pneumatic system components

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	MEA398 Remove and install aircraft hydro-mechanical and landing gear system components MEA305 Remove and install aircraft fixed wing flight control system components
MEA305 Remove and install aircraft fixed wing flight control system components	MEA398 Remove and install aircraft hydro-mechanical and landing gear system components
MEAMEC0061 Repair and overhaul aircraft pneumatic system components	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEAMEC0024 Fabricate and repair aircraft mechanical components or component parts	MEA156 Apply quality standards applicable to aviation maintenance MEA155 Plan and organise aviation maintenance work activities MEA154 Interpret work health and safety practices in aviation maintenance MEA158 Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance MEA157 Complete aviation maintenance industry documentation

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	MEA107 Interpret and use aviation maintenance industry manuals and specifications
MEA308 Remove and install rotary wing rotor and flight control system components	MEA398 Remove and install aircraft hydro-mechanical and landing gear system components
MEA317 Remove and install pressurised aircraft structural and non-structural components	MEA303 Remove and install aircraft pneumatic system components MEA369 Inspect and maintain structures and related components of non-pressurised small aircraft MEA398 Remove and install aircraft hydro-mechanical and landing gear system components
MEA315 Inspect, test and troubleshoot propeller systems and components	MEA307 Remove and install propeller systems and components

Qualification Mapping Information

Current Code and Title	Previous Code and Title	Comments	Equivalence
MEA40718 Certificate IV in Aeroskills (Mechanical)	MEA40715 Certificate IV in Aeroskills (Mechanical)		Equivalent

Links

Companion volumes, including implementation guides, are found on the national training register - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ce216c9c-04d5-4b3b-9bcf-4e81d0950371.

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