

# **MEA11 AEROSKILLS TRAINING PACKAGE**

## **Version 2**

### **WA NOMINAL HOURS GUIDE**

**Western Australian Department of Training and Workforce  
Development**

**October 2013**

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## Introduction

This Guide has been generated to enable the stakeholders in the Aeroskills Industry in Western Australia to participate in the managed implementation of version 2 of the National MEA11 Aeroskills Training Package.

This Guide is designed to aid Registered Training Organisations (RTOs) to convert from existing Training Package qualifications to new Training Package qualifications within the scope of their training delivery.

The Guide should be read in conjunction with the endorsed components of the Training Package

**Version 2** of the MEA11 Aeroskills Training Package was released on Training.Gov.Au (TGA) on the **23 August 2013**.

## Obtaining the Training Package

The MEA11 Aeroskills Training Package can be purchased from:



Office: Level 8, 80 Arthur Street  
North Sydney NSW 2060  
Postal: PO Box 289  
North Sydney NSW 2059  
T: 1800 358 458 | F: (02) 9955 8044  
E: [info@mskills.com.au](mailto:info@mskills.com.au)  
W: [www.mskills.com.au](http://www.mskills.com.au)

Information on National Training Packages is also available through Training.Gov (TGA), which can be located on the Internet at: [www.training.gov.au](http://www.training.gov.au)

**All RTOs who have Training Package qualifications on their Scope of Delivery must have access to the relevant Training Package.**

## Transition Arrangements

Registered Training Organisations (RTOs) are required to deliver Training Package qualifications within 12 months of the release date of the Training Package on to Training.gov.au (TGA) [www.training.gov.au](http://www.training.gov.au)

Students currently enrolled in an existing version of the Training Package qualification should be permitted to complete the program they enrolled in initially, unless the move to the related qualification from a Training Package can be made without disadvantage to a student.

## Nominal Hours

The Commonwealth Department of Employment, Education and Workplace Relations' definition of nominal hours states:

***“The value assigned to a structured program of study that nominally represents the anticipated hours of supervised learning and/or training deemed necessary to conduct training/learning and assessment activities associated with the program of study”***

Source: National Quality Council Training Package Glossary Version V2.1 17/03/2010  
<http://www.deewr.gov.au/Skills/Overview/Policy/TPDH/Downloads/Documents/TrainingPackGlossary.pdf>

Nominal hours are identified for each Training Package qualification. Total nominal hours may vary within a qualification depending on the units of competency.

In Western Australia, nominal hours are used as a mechanism for funding allocation.

## Licensing Requirements

This section provides information on licensing/registration requirements for this Training Package, with the following important disclaimer.

*Licensing and registration requirements that apply to specific industries, and VET, vary between each state and territory, and can regularly change. The developers of this Training Package consider that the licensing/registration requirements described in this section apply to RTOs, assessors or candidates with respect to this Training Package. While reasonable care has been taken in its preparation, the developers of this Training Package and the Department cannot guarantee that the list is definitive or accurate at the time of reading; the information in this section is provided in good faith on that basis.*

Contact the relevant state or territory department(s) to check if the licensing/registration requirements described below still apply, and to check if there are any others with which you must comply. For further information contact the Civil Aviation Safety Authority (CASA) in accordance with the advice provided below.

### 1) Advice to contact CASA for authoritative information on licensing requirements

*Selected units of competency and qualifications in this Training Package have been designed to satisfy CASA requirements for Licensed Aircraft Maintenance Engineers specified in Civil Aviation Safety Regulation Part 66.*

*Training programs will allow entry to optional licensing pathways leading to both trade recognition and preparation for CASA licensing. These programs will be conducted by Registered Training Organisations which will also have complementary CASA approval as maintenance training organisations under Civil Aviation Safety Regulation Part 147. Authoritative information on licensing, current and proposed compliance requirements can be obtained from CASA on telephone 131 757 or at [www.casa.gov.au](http://www.casa.gov.au).*

### 2) Requirements for Assessors

In order to conduct assessment for statutory licensing or other industry registration requirements, assessors must meet the requirements outlined in the following chart, in addition to the AQTF requirements.

Licence/Registration	Jurisdiction	Requirements
A1 A2 A3 A4 B1.1 B1.2 B1.3 B1.4 B2	Commonwealth	Assessors must have been appointed by a Maintenance Training Organisation that is operating under the provisions of Civil Aviation Safety Regulation Part 147.

### 3) Requirements for RTOs

Selected units of competency and qualifications in this Training Package provide the basis for a range of statutory licensing and industry registration arrangements. To satisfy these licensing and registration arrangements, RTOs must meet the additional requirements detailed in the following chart.

Licence/ Registration	Jurisdiction	Requirements
A1 A2 A3 A4 B1.1 B1.2 B1.3 B1.4 B2	Commonwealth	RTOs delivering training leading to the grant of an Aircraft Maintenance Engineer Licence must be Maintenance Training Organisations operating under the provisions of Civil Aviation Safety Regulation Part 147. Underpinning skills and knowledge must fully cover the Civil Aviation Safety Regulation Part 66 licensing topics as listed by licence and unit of competency in Appendix 1 to this Training Package.

### 4) Requirements for Candidates

Individuals being assessed under statutory licensing and industry registration systems must comply with training and experience requirements additional to the minimum requirements identified in this Training Package. These additional requirements are specified in Civil Aviation Safety Regulation Part 66 and include:

- For an A Licence, attainment of all units of competency specified in Section 2 for MEA20511 Certificate II in Aircraft Line Maintenance with elective units selected according to the licence (A1, A2, A3 or A4) sought
- For a B1 Licence, attainment of all units of competency specified in Section 2 for MEA50211 Diploma of Aeroskills (Mechanical) with elective units selected according to the licence (B1.1, B1.2, B1.3 or B1.4) sought
- For a B2 Licence, attainment of all units of competency specified in Section 2 for MEA50111 Diploma of Aeroskills (Avionics)
- In all cases, one of the requirements to demonstrate eligibility will be the presentation of a Log of Industrial Experience and Achievement in which experience and attainment of units of competency have been correctly certified.

Where units of competency have been attained other than through an RTO that is also a Maintenance Training Organisation under Civil Aviation Safety Regulation Part 147 and a licence is being sought, the individual will be required to undergo an RPL assessment conducted by a Maintenance Training Organisation.

## Version Modification History

The version details of this endorsed Training Package are in the table below.  
The latest information is at the top of the table.

TGA Release		
Version	Date	Modification History
2	23 August 2013	<p><b>Endorsement:</b></p> <ul style="list-style-type: none"> <li>• Addition of eight (8) new elective units of competency</li> <li>• One (1) unit of competency not carried forward</li> <li>• One (1) revised qualification</li> </ul> <p><b>ISC upgrades:</b></p> <ul style="list-style-type: none"> <li>• New electives included in existing qualifications</li> <li>• Minor editorial corrections to some existing units of competency</li> <li>• Licensing requirements clarified in qualifications</li> <li>• Twelve (12) new Skill Sets</li> <li>• Three (3) revised Skill Sets - One typographical error corrected; one unit code updated; and one unit replaced</li> <li>• Imported unit codes updated to current versions</li> <li>• Appendix 1: Cross reference to CASA licensing syllabus amended to align it with changes in CASA/EASA licensing examination</li> </ul> <p>Refer to mapping for details.</p>
1	25 January 2012	Primary release



## Qualifications and Nominal Hours

The following table provides a summary of the qualifications and nominal hours in version 2 of the MEA11 Aeroskills Training Package

Please note: The new qualification in version 2 is highlighted in red text

National ID	Title	Nominal Hours
MEA20411	Certificate II in Aeroskills	520
MEA20511	Certificate II in Aircraft Line Maintenance	620
MEA20611	Certificate II in Aircraft Surface Finishing	520
MEA30111	Certificate III in Aircraft Surface Finishing	736
MEA30211	Certificate III in Aeroskills (Mechatronics)	1140
MEA30311	Certificate III in Aircraft Life Support and Furnishing	836
MEA40611	Certificate IV in Aeroskills (Avionics)	1300
MEA40711	Certificate IV in Aeroskills (Mechanical)	1300
MEA40911	Certificate IV in Aircraft Surface Finishing	996
MEA41011	Certificate IV in Aeroskills (Mechatronics)	1600
MEA41111	Certificate IV in Aircraft Life Support and Furnishing	980
MEA41213	Certificate IV in Aeroskills (Armament)	1150
MEA41311	Certificate IV in Aeroskills (Structures)	1120
MEA50111	Diploma of Aeroskills (Avionics)	1965
MEA50211	Diploma of Aeroskills (Mechanical)	2430
MEA50311	Diploma of Aviation Maintenance Management (Avionics)	540
MEA50411	Diploma of Aviation Maintenance Management (Mechanical)	640
MEA50511	Diploma of Aeroskills (Non-Destructive Testing)	1140
MEA60111	Advanced Diploma of Aviation Maintenance Management (Avionics)	1170
MEA60211	Advanced Diploma of Aviation Maintenance Management (Mechanical)	1170
MEA60311	Advanced Diploma of Aviation Non-Destructive Testing	1720

## Units of Competency and Nominal Hours

The following table provides a summary of the units of competency and nominal hours in version 2 of the MEA11 Aeroskills Training Package

Please note: The new units of competency in version 2 is highlighted in red text

National ID	Title	Nominal Hours
MEA101B	Interpret occupational health and safety practices in aviation maintenance	40
MEA103B	Plan and organise aviation maintenance work activities	40
MEA105C	Apply quality standards applicable to aviation maintenance processes	40
MEA107B	Interpret and use aviation maintenance industry manuals and specifications	40
MEA108B	Complete aviation maintenance industry documentation	40
MEA109B	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA111C	Perform administrative processes to prepare for certification of civil aircraft maintenance	40
MEA112B	Plan and implement civil aircraft maintenance activities	80
MEA113C	Supervise civil aircraft maintenance activities and manage human resources in the workplace	80
MEA114A	Certify aeronautical product maintenance	60
MEA115A	Plan and implement aeronautical product maintenance activities	40
MEA116B	Apply occupational health and safety procedures at supervisor level in aviation maintenance	40
MEA117A	Apply self in the aviation maintenance environment	20
MEA118A	Conduct self in the aviation maintenance environment	20
MEA119B	Perform administrative processes to prepare for certification of civil aircraft A level line maintenance	60
MEA120B	Manage an aviation maintenance quality system	60
MEA121B	Manage aircraft/aeronautical product configuration	60
MEA122B	Manage aircraft/equipment system performance testing	80
MEA123B	Manage aviation maintenance work environment policy and practices	40
MEA124B	Coordinate change programs in the aviation maintenance environment	40
MEA125B	Develop aviation maintenance personnel	40
MEA126B	Manage aircraft maintenance activities	100
MEA127B	Provide technical advice in the maintenance and management of aircraft and aeronautical product	80
MEA128B	Provide engineering advice in the modification, maintenance and management of aircraft systems	80
MEA129A	Investigate technical aspects of aviation occurrences	80
MEA130A	Manage deployed/detached aviation maintenance activities	120
MEA131B	Manage the custody of aircraft, aeronautical product and support equipment	40
MEA132A	Manage budgetary resources in the aviation maintenance environment	60
MEA133B	Communicate aviation technical and maintenance management knowledge	40
MEA134B	Establish, maintain and evaluate the organisation's occupational health and safety system	40
MEA135A	Use computers in aviation maintenance-related integrated logistic support activities	40
MEA136A	Assess aviation maintenance spares and manage repairable items	80
MEA137A	Write aviation technical publications	40
MEA138B	Perform aviation technical publication management activities	40
MEA139A	Perform aviation maintenance related integrated logistic support management activities	120
MEA140A	Supervise aviation maintenance teams and perform maintenance quality inspections	40
MEA141B	Manage risk in aviation maintenance	60

National ID	Title	Nominal Hours
MEA142B	Manage self in the aviation maintenance environment	40
MEA143B	Develop and manage civil aircraft maintenance error management programs	60
MEA145A	Conversion from allied trades for employment in aviation maintenance workshops	60
MEA146A	Prepare and manage aviation maintenance organisation budgets and financial plans	80
<b>MEA147A</b>	<b>Perform airworthiness management and maintenance program tasks</b>	<b>50</b>
MEA201B	Remove and install miscellaneous aircraft electrical hardware/components	40
MEA202C	Remove and install basic aircraft electrical system components	40
MEA203C	Remove and install advanced aircraft electrical system components	60
MEA204C	Remove and install basic aircraft instrument system components	40
MEA205C	Remove and install advanced aircraft instrument system components	40
MEA206C	Remove and install aircraft basic radio communication and navigation system components	40
MEA207C	Remove and install aircraft electronic system components	140
MEA208C	Remove and install aircraft pressurisation control system components	40
MEA209C	Remove and install aircraft oxygen system components	40
MEA210C	Inspect, test and troubleshoot basic aircraft electrical systems and components	80
MEA211C	Inspect, test and troubleshoot advanced aircraft electrical systems and components	140
MEA212C	Inspect, test and troubleshoot basic aircraft instrument systems and components	80
MEA213C	Inspect, test and troubleshoot advanced aircraft instrument systems	80
MEA214C	Inspect, test and troubleshoot aircraft basic communication and radio navigation systems and components	80
MEA215C	Inspect, test and troubleshoot advanced aircraft communications systems and components	80
MEA216C	Inspect, test and troubleshoot instrument landing systems and components	60
MEA217C	Inspect, test and troubleshoot fixed wing autopilot systems and components	60
MEA218C	Inspect, test and troubleshoot rotary wing autopilot systems and components	60
MEA219C	Inspect, test and troubleshoot aircraft pressurisation control systems and components	60
MEA220C	Inspect, test and troubleshoot aircraft primary radar systems and components	60
MEA221C	Inspect, test and troubleshoot aircraft secondary radar systems and components	60
MEA222C	Inspect, test and troubleshoot aircraft oxygen systems and components	60
MEA223D	Inspect aircraft electrical systems and components	40
MEA224C	Inspect aircraft instrument systems and components	40
MEA225C	Inspect fixed wing aircraft automatic flight control systems and components	40
MEA226D	Inspect aircraft electronic systems and components	50
MEA227D	Test and troubleshoot aircraft electrical systems and components	110
MEA228D	Test and troubleshoot aircraft instrument systems and components	150
MEA229D	Test and troubleshoot aircraft radio frequency navigation and communications systems and components	100
MEA230C	Test and troubleshoot fixed wing aircraft automatic flight control systems and components	40
MEA231C	Inspect, test and troubleshoot rotary wing aircraft automatic flight control systems and components	40
MEA232C	Test and troubleshoot aircraft pulse systems and components	80
MEA233C	Inspect, test and troubleshoot inertial navigation and reference systems and components	40
MEA234C	Inspect, test and troubleshoot aircraft global navigation systems and	40

National ID	Title	Nominal Hours
	components	
MEA235B	Perform advanced troubleshooting in aircraft avionic maintenance	210
MEA238B	Perform routine removal and installation of miscellaneous aircraft electrical hardware/components	20
MEA239B	Fabricate aircraft electrical looms and harnesses	40
MEA240B	Use electrical test equipment to perform basic electrical tests	20
MEA241C	Perform aircraft weight and balance calculations as a result of modifications	25
MEA246C	Fabricate and/or repair aircraft electrical hardware or parts	40
MEA247B	Repair or overhaul aircraft electrical/electro-mechanical components	120
MEA248B	Repair or overhaul aircraft instrument and display system components	140
MEA249B	Test, align and troubleshoot analogue circuitry	180
MEA250B	Test, align and troubleshoot digital circuitry	80
MEA251B	Repair or overhaul aircraft oxygen system components	16
MEA252B	Test, align and troubleshoot aircraft synchro and servo system components	16
MEA260B	Use electrical test equipment	20
MEA261C	Use electronic test equipment	20
MEA262B	Modify/repair aircraft component single layer printed circuit boards	16
MEA263B	Modify/repair aircraft component multi-layer printed circuit boards	16
MEA264A	Remove and install aircraft electrical/avionic components during line maintenance	40
MEA265A	Remove and install general aircraft electrical hardware	40
MEA270A	Lay out avionic systems	120
MEA271A	Lay out avionic flight management systems	120
MEA272C	Apply basic scientific principles and techniques in avionic engineering situations	80
MEA273A	Select and test avionic engineering materials	60
MEA274A	Maintain basic light aircraft electrical systems and components	60
MEA275A	Maintain basic light aircraft instrument systems and components	60
MEA276A	Maintain basic aircraft communication and radio navigation systems and components	60
MEA277A	Maintain twin engine aircraft electrical systems and components	60
MEA278A	Inspect, test and troubleshoot instrument display systems and components	60
MEA279A	Inspect, test and troubleshoot full authority digital engine control systems	60
MEA280A	Inspect, test and troubleshoot flight management systems and components	60
MEA281A	Maintain light aircraft AC powered instrument systems and components	60
MEA282A	Repair or overhaul aircraft pulse system components	60
MEA283A	Repair or overhaul aircraft display, control and distribution system components	60
MEA284A	Repair or overhaul aircraft instrument system components	60
MEA285A	Repair or overhaul aircraft radio frequency communication and navigation system components	60
MEA286A	Repair or overhaul aircraft electrical/electro-mechanical components	60
MEA287A	Repair or overhaul aircraft oxygen system components	60
MEA288A	Repair or overhaul aircraft audio and visual systems and reproducers	60
MEA289A	Maintain basic light aircraft avionic systems and components	60
MEA290A	Fit avionic modification sheetmetal components	60
MEA291A	Inspect, test and troubleshoot fixed wing single axis autopilot systems and components	80
MEA301C	Perform aircraft flight servicing	120
MEA302C	Remove and install aircraft hydro-mechanical and landing gear system components	60
MEA303D	Remove and install pneumatic system components	60
MEA304C	Remove and install non-pressurised aircraft structural and non-structural components	60
MEA305C	Remove and install aircraft fixed wing flight control system components	60
MEA306C	Remove and install engines and engine system components	60
MEA307C	Remove and install propeller systems and components	60

National ID	Title	Nominal Hours
MEA308C	Remove and install rotary wing rotor and flight control system components	60
MEA309C	Inspect, test and troubleshoot aircraft hydro-mechanical and landing gear systems and components	120
MEA310C	Inspect, test and troubleshoot aircraft pneumatic systems and components	60
MEA311D	Inspect and repair_modify aircraft structures	80
MEA312C	Inspect, test and troubleshoot aircraft fixed wing flight control systems and components	60
MEA313C	Inspect, test and troubleshoot piston engine systems and components	120
MEA314C	Inspect, test and troubleshoot gas turbine engine systems and components	120
MEA315C	Inspect, test and troubleshoot propeller systems and components	60
MEA316C	Inspect, test and troubleshoot rotary wing rotor and control systems and components	80
MEA317C	Remove and install pressurised aircraft structural and non-structural components	60
MEA318C	Inspect aircraft hydro-mechanical, mechanical, gaseous and landing systems and components	60
MEA319C	Inspect gas turbine engine systems and components	80
MEA320C	Test and troubleshoot aircraft hydro-mechanical, mechanical, gaseous and landing gear systems and components	60
MEA321C	Test and troubleshoot aircraft fixed wing flight control systems and components	60
MEA322C	Test and troubleshoot gas turbine engine systems and components	60
MEA323B	Perform advanced troubleshooting in aircraft mechanical maintenance	210
MEA325B	Weigh aircraft and perform aircraft weight and balance calculations as a result of modifications	40
MEA327B	Fabricate and/or repair aircraft mechanical components or parts	100
MEA328C	Maintain and/or repair aircraft mechanical components or parts	100
MEA329B	Dismantle, inspect, maintain and assemble aircraft basic hydraulic and pneumatic components or parts	60
MEA330B	Dismantle, inspect, maintain and assemble aircraft non-primary structural removable components or parts and internal fittings	60
MEA331B	Dismantle, inspect, maintain and assemble aircraft gas turbine engine components or parts	60
MEA332B	Dismantle, inspect, maintain and assemble aircraft mechanical components or parts	60
MEA333B	Dismantle, inspect, maintain and assemble aircraft piston engine components or parts	60
MEA334B	Repair and/or overhaul aircraft hydro-mechanical systems and components	260
MEA335B	Repair and/or overhaul aircraft gas turbine engine components and/or modules	240
MEA336B	Repair and/or overhaul aircraft piston engines	260
MEA337B	Repair and/or overhaul propellers	220
MEA339C	Inspect, repair and maintain aircraft structures	140
MEA340A	Lay out and set up aircraft systems	120
MEA341A	Apply basic aircraft design characteristics	120
MEA342A	Apply basic aircraft power plant design characteristics	120
MEA343B	Remove and install avionic system components	40
MEA344A	Remove and install aircraft components	60
MEA345A	Perform scheduled line maintenance activities on gas turbine engine fixed wing aircraft	80
MEA346A	Perform scheduled line maintenance activities on gas turbine engine rotary wing aircraft	80
MEA347A	Perform scheduled line maintenance activities on piston engine fixed wing aircraft	80
MEA348A	Perform scheduled line maintenance activities on piston engine rotary wing aircraft	80
MEA349B	Apply basic scientific principles and techniques in aeronautical engineering	120

National ID	Title	Nominal Hours
	situations	
MEA350A	Select and test aeronautical engineering materials	80
MEA351A	Maintain airframe systems of basic light fixed wing aircraft	90
MEA352A	Maintain basic rotary wing aircraft systems	110
MEA353A	Maintain basic light aircraft engines and propellers	70
MEA354A	Maintain light aircraft pneumatic systems	70
MEA355A	Maintain light aircraft air cycle air conditioning systems	50
MEA356A	Maintain light piston engine aircraft pressurisation systems	70
MEA357A	Inspect, test and repair aircraft fabric surfaces	50
MEA358A	Re-cover aircraft fabric surfaces	50
MEA359A	Inspect and repair aircraft wooden structures	50
MEA360A	Maintain aircraft diesel engines	70
MEA361A	Maintain aircraft two stroke petrol engines	70
MEA362A	Maintain aircraft vapour cycle air conditioning systems	50
MEA363B	Inspect, repair and maintain structures and related components of non-pressurised small aircraft	120
MEA364A	Maintain and/or repair small aircraft mechanical components or parts	90
MEA365A	Assess structural repair/modification requirements and evaluate structural repairs and modifications	60
MEA366A	Perform borescope inspections	50
MEA367A	Repair/modify aircraft composite structure using cold bonding	60
MEA368A	Shot peen aircraft components	40
MEA380A	Repair and/or overhaul aircraft hydraulic system components	110
MEA381A	Repair and/or overhaul aircraft pneumatic system components	110
MEA382A	Repair and/or overhaul aircraft fuel system components	70
MEA383A	Repair and/or overhaul gas turbine engine air inlet and compressor components and/or modules	70
MEA384A	Repair and/or overhaul gas turbine engine combustion section components and/or modules	70
MEA385A	Repair and/or overhaul gas turbine engine turbine and exhaust section components	70
MEA386A	Repair and/or overhaul gas turbine engine ancillary section components	70
MEA387A	Test gas turbine engines and engine modules after overhaul or repair	70
MEA389A	Repair and/or overhaul propellers	110
MEA390A	Repair and/or overhaul rotary wing dynamic components	190
MEA391A	Repair and/or overhaul aircraft mechanical system components	130
MEA392A	Disassemble aircraft piston engines	35
MEA393A	Repair and/or overhaul aircraft piston engine cylinder assembly components	35
MEA394A	Repair and/or overhaul aircraft piston engine crankcase assembly components	35
MEA395A	Reassemble aircraft piston engines	35
MEA396A	Assemble aircraft piston engine quick engine change unit	25
MEA397A	Test aircraft piston engines after repair and overhaul	35
MEA401C	Inspect aircraft structures	60
MEA402B	Fabricate aircraft structural components	100
MEA403B	Repair, modify aircraft structure	80
MEA404B	Disassemble and reassemble aircraft structure for major repair or modification	80
MEA405B	Repair/modify aircraft composite material structure/components	100
MEA406B	Repair/modify aircraft non-primary structural sheetmetal components	60
MEA407B	Repair/modify aircraft non-primary structural non-metallic components	60
MEA408B	Inspect and repair aircraft wooden structures	40
MEA409B	Inspect, test, repair and re-cover aircraft fabric surfaces	40
MEA410C	Maintain aircraft structure/components	80
MEA411A	Remove surface coatings from aircraft or aircraft components	40

National ID	Title	Nominal Hours
MEA412A	Pre-treat aluminium alloy surfaces	40
MEA413A	Seal aircraft and aircraft component structural seams	40
MEA414A	Remove light corrosion from aircraft	80
MEA415A	Paint aircraft surfaces	60
MEA416A	Apply aircraft identification markings, graphics and decals	60
MEA417A	Apply specialty coatings to aircraft	80
MEA418A	Perform basic repair of aircraft internal fittings during line maintenance	40
MEA419A	Inspect and repair/modify aircraft cabin/cockpit non-primary structure components	50
MEA420A	Fabricate basic structural components for aircraft	100
MEA421A	Fabricate advanced structural components for aircraft	100
MEA422A	Repair, modify aircraft metal structure	80
MEA423A	Aircraft structure major disassembly and reassembly	80
MEA424A	Evaluate aircraft non-destructive tests	80
MEA425A	Perform bolted composite skin repairs	25
MEA430A	Gas weld aircraft components	40
MEA431A	Braze weld aircraft components	40
MEA432A	Weld aircraft components using the gas tungsten arc welding process	40
MEA433A	Weld aircraft components using the gas metal arc welding process	40
MEA434A	Weld aircraft components using the plasma arc welding process	40
MEA435A	Weld aircraft components using the manual metal arc welding process	40
MEA501A	Maintain and fit anti-G suits	30
MEA502A	Maintain and fit helmets	30
MEA503A	Maintain and fit immersion suits	30
MEA504A	Maintain and fit oxygen masks	30
MEA505A	Maintain and pack parachutes	30
MEA506A	Maintain and pack survival inflatable life rafts and escape sides	30
MEA507A	Maintain, pack and fit survival inflatable buoyancy vests	30
MEA508A	Maintain, install and remove restraint systems	30
MEA509A	Manufacture, repair and alter aircraft-related fabric components	30
MEA510A	Maintain seat and pod electrical and electronic systems	30
MEA511A	Operate and maintain sewing machines and overlockers	50
MEA601A	Maintain aircraft egress systems	120
MEA602A	Remove and install aircraft stores management system components	60
MEA603A	Remove and install aircraft stores suspension systems and components	60
MEA604A	Inspect, test and troubleshoot aircraft stores management systems and components	60
MEA605A	Inspect, test and troubleshoot aircraft stores suspension systems and components	80

## Mapping of Qualifications

The following table provides an overview of the qualifications from the MEA11 Aeroskills Training Package which replaces qualifications from the existing version of the MEA07 Aeroskills Training Package.

MEA07 Current Qualification			MEA11 Replacement Qualification		
National ID	Title	Hours	National ID	Title	Hours
MEA41211	Certificate IV in Aeroskills (Armament)	1166	MEA41213	Certificate IV in Aeroskills (Armament)	1150



## Mapping of Units of Competency

The following table provides an overview of the units of competency from Version 1 of the MEA07 Aeroskills Training Package which are replaced by the units of competency from Version2

Version 1 Current Unit			Version 2 Replacement Unit		
National ID	Title	Hours	National ID	Title	Hours
<b>MEA388A</b>	<b>Repair and/or overhaul piston engines</b>	<b>190</b>		<b>Unit <u>not</u> carried forward – Content subsumed in following units: MEA392A, MEA393A, MEA394A, MEA3954A, MEA396A and MEA397A</b>	
	No previous equivalent		MEA147A	Perform airworthiness management and maintenance program tasks	50
	No previous equivalent		MEA392A	Disassemble aircraft piston engines	35
	No previous equivalent		MEA393A	Repair and/or overhaul aircraft piston engine cylinder assembly components	35
	No previous equivalent		MEA394A	Repair and/or overhaul aircraft piston engine crankcase assembly components	35
	No previous equivalent		MEA395A	Reassemble aircraft piston engines	35
	No previous equivalent		MEA396A	Assemble aircraft piston engine quick engine change unit	25
	No previous equivalent		MEA397A	Test aircraft piston engines after repair and overhaul	35
	No previous equivalent		MEA425A	Perform bolted composite skin repairs	25

## Traineeships and Apprenticeships

The following table provides a summary of the qualifications in version 2 of the MEA11 Aeroskills Training Package and the accredited traineeship and apprenticeship courses they will replace.

Version 1 Current Qualification				Version 2 Replacement Qualification		
National ID	Qualification Title	Traineeship/Apprenticeship	Hours	National ID	Qualification Title	Hours
<b>TRAINEESHIP</b>						
MEA20411	Certificate II in Aeroskills	Aeroskills (Aircraft Mechanical) Level 2	520		No change	
MEA50111	Diploma of Aeroskills (Avionics)	Aeroskills Engineer – Avionics level 5	1965		No change	
<b>APPRENTICESHIP</b>						
MEA40611	Certificate IV in Aeroskills (Avionics)	Aircraft Maintenance Engineer – Avionics	1300		No change	
MEA40711	Certificate IV in Aeroskills (Mechanical)	Aircraft Maintenance Engineer – Mechanical	1300		No change	
MEA41311	Certificate IV in Aeroskills (Structures)	Aircraft Maintenance Engineer – Structures	1040		No change	