

MEA Aeroskills
TRAINING PACKAGE
Version 5
WA NOMINAL HOURS GUIDE

Introduction

This Guide has been generated to enable the stakeholders in this Industry in Western Australia to participate in the managed implementation of the National MEA 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 5 of the MEA Aeroskills Training Package was released by Training.Gov.Au (TGA) on the 22/11/2022

Transition Arrangements

Registered Training Organisations (RTOs) are required to deliver Training Package qualifications in accordance with the Standards for RTOs. For further information visit the Training Accreditation Council website www.tac.wa.gov.au

Nominal Hours

Nominal hours are the hours of training notionally required to achieve the outcomes of units of competency.

Nominal hours are identified for nationally endorsed qualifications. Nominal hours may vary for a qualification depending on the selection of units of competency.

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

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Qualifications and Nominal Hours

The following table provides a summary of the qualifications and nominal hours in the training package.

National Code	National Title	Nominal Hours
MEA20418	Certificate II in Aeroskills	520
MEA20518	Certificate II in Aircraft Line Maintenance	620
MEA20622	Certificate II in Aircraft Surface Finishing	520
MEA30118	Certificate III in Aircraft Surface Finishing	736
MEA30222	Certificate III in Aeroskills (Mechatronics)	1040
MEA30322	Certificate III in Aircraft Life Support and Furnishing	836
MEA40618	Certificate IV in Aeroskills (Avionics)	1300
MEA40718	Certificate IV in Aeroskills (Mechanical)	1300
MEA40922	Certificate IV in Aircraft Surface Finishing	996
MEA41122	Certificate IV in Aeronautical Life Support Equipment	980
MEA41222	Certificate IV in Aeroskills (Armament)	950
MEA41322	Certificate IV in Aeroskills (Structures)	1120
MEA50118	Diploma of Aeroskills (Avionics)	2020
MEA50219	Diploma of Aeroskills (Mechanical)	2475
MEA50422	Diploma of Aviation Maintenance Management	655
MEA50522	Diploma of Aeroskills (Non-Destructive Testing)	1689
MEA60222	Advanced Diploma of Aviation Maintenance Management	1070
MEA60322	Advanced Diploma of Aviation Non-Destructive Testing	2320

Skill Sets and Nominal Hours

The following table provides a summary of the skill sets and nominal hours in the training package.

National Code	National Title	Nominal Hours
MEASS00271	LME001 Electrical - B1.1 Licence Exclusions E1 and E4 Removal	310
MEASS00272	LME002 Electrical B1.1 Licence Exclusions E1 and E4 Removal (small aircraft with gas turbine engine)	160
MEASS00273	LME003 Electrical - B1.2, B1.3 or B1.4 Licence Exclusions E1 and E4 Removal	300
MEASS00274	LME004 Electrical - B1.2 or B1.4 Licence Exclusions E1 and E4 Removal (small aircraft/helicopters)	160
MEASS00275	LME005 Electrical - B2 Licence Exclusions E1 and E4 Removal	210
MEASS00276	LME006 Electrical - B2 Licence Exclusions E1 and E4 Removal (small aircraft or helicopters)	120
MEASS00277	LME007 Airframe - B1.1 Licence Exclusion E2 Removal	970
MEASS00278	LME008 Airframe - B1.1 Licence Exclusion E2 Removal (small aircraft with gas turbine engine)	350
MEASS00279	LME009 Airframe - B1.2 Licence Exclusion E2 Removal	770
MEASS00280	LME010 Airframe - B1.2 Licence Exclusion E2 Removal (working on small aircraft)	350
MEASS00281	LME011 Airframe - B1.3 and B1.4 Licence Exclusion E2 Removal	1050
MEASS00282	LME012 Airframe - B1.4 Licence Exclusion E2 Removal (working on basic helicopters)	370
MEASS00283	LME013 Power Plant - B1.1 Licence Exclusion E3 Removal	530
MEASS00284	LME014 Power Plant - B1.2 Licence Exclusion E3 Removal	180
MEASS00285	LME015 Power Plant - B1.2 Licence Exclusion E3 Removal (working on small aircraft)	70
MEASS00286	LME016 Power Plant - B1.3 Licence Exclusion E3 Removal	410
MEASS00287	LME017 Power Plant - B1.4 Licence Exclusion E3 Removal	180
MEASS00288	LME018 Power Plant - B1.4 Licence Exclusion E3 Removal (working on basic helicopters)	70
MEASS00289	LME019 Instrument - B1 Licence Exclusions E5 and E7 Removal	340
MEASS00290	LME020 Instrument - B1.2 and B1.4 Licence Exclusions E5 and E7 Removal (small aircraft/helicopters)	160
MEASS00291	LME021 Instrument - B2 Licence Exclusions E5 and E7 Removal	750
MEASS00292	LME022 Instrument and Radio - B1 Licence Exclusion E6 Removal	340
MEASS00293	LME023 Instrument and Radio - B1.2 and 1.4 Licence Exclusion E6 Removal (small aircraft/helicopters)	220

MEASS00294	LME024 Instrument and Radio - B2 Licence Exclusion E6 Removal	970
MEASS00295	LME025 Instrument and Radio - B2 Licence Exclusion E6 Removal (non-type rated aircraft/helicopters)	180
MEASS00296	LME026 Radio - B1 Licence Exclusion E8 Removal	340
MEASS00297	LME027 Radio - B1.2 and B1.4 Licence Exclusion E8 Removal (working on small aircraft/helicopters)	160
MEASS00298	LME028 Radio - B2 Licence Exclusion E8 Removal	620
MEASS00299	LME029 Radio - B2 Licence Exclusion E8 Removal (non-type rated aircraft and helicopters)	60
MEASS00300	LME030 Airframe - B1 Licence Exclusion E9 and E43 Removal	50
MEASS00301	LME031 Airframe - B1 Licence Exclusion E10 Removal	50
MEASS00302	LME032 Radio - B2 Licence Exclusion E11 Removal	120
MEASS00303	LME033 Airframe/Engine - B1.1 and B1.2 Licence Exclusion E12 Removal	120
MEASS00304	LME034 Airframe - B1 Licence Exclusion E13 Removal	180
MEASS00305	LME035 Airframe - B1 Licence Exclusion E14 Removal	150
MEASS00306	LME036 Airframe - B1.1 and B1.3 Licence Exclusion E15 Removal	150
MEASS00307	LME037 Airframe - B1.1 Licence Exclusion E15 Removal	420
MEASS00308	LME038 Airframe - B1.1 Licence Exclusion E16 Removal	790
MEASS00309	LME039 Airframe - B1.2 Licence Exclusion E16 Removal	150
MEASS00310	LME040 Radio - B2 Licence Exclusion E18 Removal	120
MEASS00311	LME041 Radio - B2 Licence Exclusion E19 Removal	270
MEASS00312	LME042 Radio - B2 Licence Exclusion E20 Removal	240
MEASS00313	LME043 Radio - B2 Licence Exclusion E21 Removal	200
MEASS00314	LME044 Radio - B2 Licence Exclusion E22 Removal	200
MEASS00315	LME045 Radio - B2 Licence Exclusion E23 Removal	200
MEASS00316	LME046 Radio - B2 Licence Exclusion E24 Removal	200
MEASS00317	LME047 Radio - B2 Licence Exclusion E25 Removal	200
MEASS00318	LME048 Radio - B2 Licence Exclusion E26 Removal	220
MEASS00319	LME049 Instrument - B2 Licence Exclusion E27 Removal	220
MEASS00320	LME050 Instrument - B2 Licence Exclusion E28 Removal	260

MEASS00321	LME051 Instrument - B2 Licence Exclusion E29 Removal	120
MEASS00322	LME052 Instrument - B2 Licence Exclusion E30 Removal	180
MEASS00323	LME053 Instrument - B2 Licence Exclusion E31 Removal	100
MEASS00324	LME054 Electrical - B2 Licence Exclusion E32 Removal	180
MEASS00325	LME055 Engine - B1.2 or B1.4 Licence Exclusions E33 and E38 Removal	180
MEASS00326	LME056 Electrical/Instrument/Radio - B2 Licence Exclusion E34 Removal	720
MEASS00327	LME057 Airframe - B1.1 or B1.2 Licence Exclusion E35 Removal	200
MEASS00328	LME058 Engine - B1.2 or B1.4 Licence Exclusions E36 and E37 Removal	180
MEASS00329	LME059 Engine - B1.2 or B1.4 Licence Exclusions E36 and E37 Removal (small aircraft/helicopters)	70
MEASS00330	LME060 Airframe - B1.1 or B1.3 Licence Exclusions E39 Removal	120
MEASS00331	LME061 Airframe - B1.2 or B1.4 Licence Exclusion E39 Removal (small aircraft/helicopters)	70
MEASS00332	LME062 Airframe - B1 Licence Exclusion E40 Removal	120
MEASS00333	LME063 Airframe - B1 Licence Exclusion E41 Removal	100
MEASS00334	LME064 Airframe - B1 Licence Exclusion E42 Removal	400
MEASS00335	LME065 Electrical - B1 Licence Exclusion E44 Removal	100
MEASS00336	LME066 Units of competency for A1 licence if Certificate IV in Aeroskills (Mechanical) is held	340
MEASS00337	LME067 Units of competency for A2 licence if Certificate IV in Aeroskills (Mechanical) is held	340
MEASS00338	LME068 Units of competency for A3 licence if Certificate IV in Aeroskills (Mechanical) is held	340
MEASS00339	LME069 Units of competency for A4 licence if Certificate IV in Aeroskills (Mechanical) is held	340
MEASS00340	LME070 Units of competency for A1 licence if Certificate IV in Aeroskills (Avionics) is held	280
MEASS00341	LME071 Units of competency for A2 licence if Certificate IV in Aeroskills (Avionics) is held	280
MEASS00342	LME072 Units of competency for A3 licence if Certificate IV in Aeroskills (Avionics) is held	280
MEASS00343	LME073 Units of competency for A4 licence if Certificate IV in Aeroskills (Avionics) is held	280
MEASS00344	LME074 Units of competency for A1 licence if a B2 licence is held	180
MEASS00345	LME075 Units of competency for A2 licence if a B2 licence is held	180
MEASS00346	LME076 Units of competency for A3 licence if a B2 licence is held	180
MEASS00347	LME077 Units of competency for A4 licence if a B2 licence is held	180

MEASS00349	MTA002 In-flight entertainment system maintenance	320
MEASS00393	MTA046 Liquid penetrant inspection approval for aerospace	312
MEASS00394	MTA047 Magnetic particle inspection approval for aerospace	312
MEASS00395	MTA048 Eddy current inspection approval for aerospace	330
MEASS00396	MTA049 Ultrasonic inspection approval for aerospace	330
MEASS00397	MTA050 Radiographic inspection approval for aerospace	366
MEASS00398	MTA051 Basic visual liquid dye penetrant inspection approval for aerospace	258
MEASS00399	MTA052 Basic magnetic particle inspection approval for aerospace	258
MEASS00400	MTA053 Basic eddy current inspection approval for aerospace	258
MEASS00401	MTA054 Ultrasonic thickness testing inspection approval for aerospace	258
MEASS00458	AMW001 Electrical component repair/overhaul	296
MEASS00459	AMW002 Mechanical and electro-mechanical instrument component repair/overhaul	312
MEASS00460	AMW003 Aircraft display, control and distribution system component repair/overhaul	312
MEASS00461	AMW004 Oxygen system component repair/overhaul	160
MEASS00462	AMW005 Aircraft radio frequency communication and navigation system component repair/overhaul	296
MEASS00463	AMW006 Aircraft pulse system component repair/overhaul	296
MEASS00464	AMW007 Aircraft audio and visual system and reproducer repair/overhaul	296
MEASS00465	AMW008 Hydraulic system component repair/overhaul	210
MEASS00466	AMW009 Electro-hydraulic component repair/overhaul	310
MEASS00467	AMW010 Pneumatic system component repair/overhaul	210
MEASS00468	AMW011 Electro-pneumatic component repair/overhaul	310
MEASS00469	AMW012 Fuel system component repair/overhaul	170
MEASS00470	AMW013 Gas turbine engine air inlet and compressor module/component repair/overhaul	170
MEASS00471	AMW014 Gas turbine engine combustion section module/component repair/overhaul	170
MEASS00472	AMW015 Gas turbine engine turbine and exhaust module/component repair/overhaul	170
MEASS00473	AMW016 Gas turbine engine ancillary section module/component repair/overhaul	170
MEASS00474	AMW017 Piston engine disassembly for repair/overhaul	135

MEASS00475	AMW018 Repair and/or overhaul aircraft piston engine cylinder assembly components	135
MEASS00476	AMW019 Repair and/or overhaul aircraft piston engine crankcase assembly components	135
MEASS00477	AMW020 Reassemble aircraft piston engines	135
MEASS00478	AMW021 Assemble aircraft piston engine quick engine change unit	125
MEASS00479	AMW022 Test aircraft piston engines after repair or overhaul	300
MEASS00480	AMW023 Propeller repair/overhaul	210
MEASS00481	AMW024 Rotary wing dynamic component repair/overhaul	290
MEASS00482	AMW025 Mechanical system component repair/overhaul	230
MEASS00483	AMW026 Composite structure maintenance	160
MEASS00561	MTA001 Aircraft egress system maintenance	360
MEASS00563	MTA003 Borescope inspection approval	50
MEASS00564	MTA004 Aircraft composite structure repair/modification using hot and cold bonding	410
MEASS00565	MTA005 Aircraft composite structure repair/modification using cold bonding only	370
MEASS00566	MTA006 Aircraft welding using the gas welding process - aluminium alloys	492
MEASS00567	MTA007 Aircraft welding using the gas welding process - magnesium alloys	492
MEASS00568	MTA008 Aircraft welding using the gas welding process - carbon and low alloy steels	492
MEASS00569	MTA009 Aircraft welding using the gas welding process - corrosion and heat resisting steels	492
MEASS00570	MTA010 Aircraft welding using the gas welding process - nickel alloys	492
MEASS00571	MTA011 Aircraft welding using the gas welding process - copper based alloys	492
MEASS00572	MTA012 Aircraft welding using the gas welding process - titanium alloys	492
MEASS00573	MTA013 Aircraft welding using the braze welding process - aluminium alloys	294
MEASS00574	MTA014 Aircraft welding using the braze welding process - magnesium alloys	294
MEASS00575	MTA015 Aircraft welding using the braze welding process - carbon and low alloy steels	294
MEASS00576	MTA016 Aircraft welding using the braze welding process - corrosion and heat resisting steels	294
MEASS00577	MTA017 Aircraft welding using the braze welding process - nickel alloys	294
MEASS00578	MTA018 Aircraft welding using the braze welding process - copper based alloys	294
MEASS00579	MTA019 Aircraft welding using the braze welding process - titanium alloys	294

MEASS00580	MTA020 Aircraft welding using the gas metal arc welding process - aluminium alloys	612
MEASS00581	MTA021 Aircraft welding using the gas metal arc welding process - magnesium alloys	612
MEASS00582	MTA022 Aircraft welding using the gas metal arc welding process - carbon and low alloy steels	612
MEASS00583	MTA023 Aircraft welding using the gas metal arc welding process - corrosion and heat resisting steel	612
MEASS00584	MTA024 Aircraft welding using the gas metal arc welding process - nickel alloys	612
MEASS00585	MTA025 Aircraft welding using the gas metal arc welding process - copper based alloys	612
MEASS00586	MTA026 Aircraft welding using the gas metal arc welding process - titanium alloys	612
MEASS00587	MTA027 Aircraft welding using the gas tungsten arc welding process - aluminium alloys	612
MEASS00588	MTA028 Aircraft welding using the gas tungsten arc welding process - magnesium alloys	612
MEASS00589	MTA029 Aircraft welding using the gas tungsten arc welding process - carbon and low alloy steels	612
MEASS00590	MTA030 Aircraft welding using gas tungsten arc welding process - corrosion and heat resisting steel	612
MEASS00591	MTA031 Aircraft welding using the gas tungsten arc welding process - nickel alloys	612
MEASS00592	MTA032 Aircraft welding using the plasma arc welding process - aluminium alloys	612
MEASS00593	MTA033 Aircraft welding using the plasma arc welding process - magnesium alloys	612
MEASS00594	MTA034 Aircraft welding using the plasma arc welding process - carbon and low alloy steels	612
MEASS00595	MTA035 Aircraft welding using the plasma arc welding process - corrosion and heat resisting steels	612
MEASS00596	MTA036 Aircraft welding using the plasma arc welding process - nickel alloys	612
MEASS00597	MTA037 Aircraft welding using the plasma arc welding process - copper based alloys	612
MEASS00598	MTA038 Aircraft welding using the plasma arc welding process - titanium alloys	612
MEASS00599	MTA039 Aircraft welding using the manual metal arc welding process - aluminium alloys	612
MEASS00600	MTA040 Aircraft welding using the manual metal arc welding process - magnesium alloys	612
MEASS00601	MTA041 Aircraft welding using the manual metal arc welding process - carbon and low alloy steels	612
MEASS00602	MTA042 Aircraft welding using manual metal arc welding process - corrosion and heat resisting steels	612
MEASS00603	MTA043 Aircraft welding using the manual metal arc welding process - nickel alloys	612
MEASS00604	MTA044 Aircraft welding using the manual metal arc welding process - copper based alloys	612
MEASS00605	MTA045 Aircraft welding using the manual metal arc welding process - titanium alloys	612
MEASS00615	MTA055 Basic radiographic inspection approval for aerospace	294

MEASS00616	MTA056 Electroplate aeronautical product component parts	316
MEASS00617	MTA057 Produce anodised film on aluminium alloy components	154
MEASS00618	MTA058 Metal spray aeronautical product component parts	190
MEASS00619	MTA059 Machine aeronautical product component parts (general)	436
MEASS00620	MTA060 Grind aeronautical product component parts	400
MEASS00621	MTA061 Precision jig boring of aeronautical product component parts	364
MEASS00622	MTA062 Complex milling of aeronautical product component parts	391
MEASS00623	MTA063 Machine aeronautical product component parts using horizontal and/or vertical boring machines	310
MEASS00624	MTA064 Machine aeronautical product component parts using NC/CNC machines	364
MEASS00625	MTA065 Machine aeronautical product component parts using NC/CNC machining centres	382
MEASS00626	MTA066 Machine plastic aeronautical product component parts	274
MEASS00627	MTA067 Aeronautical product component parts - metal spinning lathe operations	346
MEASS00629	MTA069 Aircraft tyre retreading (advanced)	146

Units of Competency and Nominal Hours

The following table provides a summary of the units of competency and nominal hours in the training package.

National Code	National Title	Nominal Hours
MEA107	Interpret and use aviation maintenance industry manuals and specifications	40
MEA111	Perform administrative processes to prepare for certification of civil aircraft maintenance	40
MEA112	Plan and implement civil aircraft maintenance activities	80
MEA113	Supervise civil aircraft maintenance activities and manage human resources in the workplace	80
MEA116	Apply work health and safety procedures at supervisor level in aviation maintenance	40
MEA117	Apply self in the aviation maintenance environment	20
MEA118	Conduct self in the aviation maintenance environment	20
MEA119	Perform administrative processes to prepare for certification of civil aircraft A level line mainten	60
MEA142	Manage self in the aviation maintenance environment	40
MEA148	Apply mathematics and physics in aviation maintenance	55
MEA154	Apply work health and safety practices in aviation maintenance	40
MEA155	Plan and organise aviation maintenance work activities	40
MEA156	Apply quality standards during aviation maintenance activities	40
MEA157	Complete aviation maintenance industry documentation	40
MEA158	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	40
MEA160	Manage aircraft and equipment system performance testing	80
MEA163	Perform aviation technical publication management activities	40
MEA201	Remove and install miscellaneous aircraft electrical hardware/components	40
MEA202	Remove and install basic aircraft electrical system components	40
MEA203	Remove and install advanced aircraft electrical system components	60
MEA206	Remove and install aircraft basic radio communication and navigation system components	40
MEA208	Remove and install aircraft pressurisation control system components	40
MEA209	Remove and install aircraft oxygen system components	40

MEA210	Inspect, test and troubleshoot basic aircraft electrical systems and components	80
MEA213	Inspect, test and troubleshoot advanced aircraft instrument systems and components	80
MEA214	Inspect, test and troubleshoot aircraft basic communication and radio navigation systems and compone	80
MEA215	Inspect, test and troubleshoot advanced aircraft communications systems and components	80
MEA216	Inspect, test and troubleshoot instrument landing systems and components	60
MEA217	Inspect, test and troubleshoot fixed wing autopilot systems and components	60
MEA218	Inspect, test and troubleshoot rotary wing autopilot systems and components	60
MEA219	Inspect, test and troubleshoot aircraft pressurisation control systems and components	60
MEA220	Inspect, test and troubleshoot aircraft primary radar systems and components	60
MEA221	Inspect, test and troubleshoot aircraft secondary radar systems and components	60
MEA222	Inspect, test and troubleshoot aircraft oxygen systems and components	60
MEA223	Inspect aircraft electrical systems and components	40
MEA224	Inspect aircraft instrument systems and components	40
MEA225	Inspect fixed wing aircraft automatic flight control systems and components	40
MEA226	Inspect aircraft electronic systems and components	50
MEA227	Test and troubleshoot aircraft electrical systems and components	110
MEA228	Test and troubleshoot aircraft instrument systems and components	150
MEA229	Test and troubleshoot aircraft radio frequency navigation and communications systems and components	100
MEA230	Test and troubleshoot fixed wing aircraft automatic flight control systems and components	40
MEA231	Inspect, test and troubleshoot rotary wing aircraft automatic flight control systems and components	40
MEA232	Test and troubleshoot aircraft pulse systems and components	80
MEA233	Inspect, test and troubleshoot aircraft inertial navigation and reference systems and components	40
MEA234	Inspect, test and troubleshoot aircraft global navigation systems and components	40
MEA235	Perform advanced troubleshooting in aircraft avionic maintenance	210
MEA241	Perform aircraft weight and balance calculations as a result of modifications	25
MEA246	Fabricate and/or repair aircraft electrical hardware or parts	40

MEA264	Remove and install aircraft electrical/avionic components during line maintenance	40
MEA265	Remove and install general aircraft electrical hardware	40
MEA270	Lay out avionic systems	120
MEA271	Lay out avionic flight management systems	120
MEA274	Maintain basic light aircraft electrical systems and components	60
MEA275	Maintain basic light aircraft instrument systems and components	60
MEA276	Maintain basic aircraft communication and radio navigation systems and components	60
MEA277	Maintain twin engine aircraft electrical systems and components	60
MEA278	Inspect, test and troubleshoot instrument display systems and components	60
MEA291	Inspect, test and troubleshoot fixed wing single axis autopilot systems and components	80
MEA292	Remove and install advanced aircraft instrument system components	40
MEA293	Remove and install aircraft electronic system components	140
MEA294	Inspect, test and troubleshoot advanced aircraft electrical systems and components	140
MEA295	Use electrical test equipment to perform basic electrical tests on aircraft and components	20
MEA296	Use electrical test equipment in aviation maintenance activities	20
MEA297	Maintain basic avionic systems and components	60
MEA3000	Maintain small piston engine aircraft pressurisation systems	70
MEA301	Perform aircraft flight servicing	120
MEA303	Remove and install aircraft pneumatic system components	60
MEA304	Remove and install non-pressurised aircraft structural and non-structural components	60
MEA305	Remove and install aircraft fixed wing flight control system components	60
MEA306	Remove and install engines and engine system components	60
MEA307	Remove and install propeller systems and components	60
MEA308	Remove and install rotary wing rotor and flight control system components	60
MEA309	Inspect, test and troubleshoot aircraft hydro-mechanical and landing gear systems and components	120
MEA310	Inspect, test and troubleshoot aircraft pneumatic systems and components	60
MEA312	Inspect, test and troubleshoot aircraft fixed wing flight control systems and components	60

MEA313	Inspect, test and troubleshoot piston engine systems and components	120
MEA315	Inspect, test and troubleshoot propeller systems and components	60
MEA316	Inspect, test and troubleshoot rotary wing rotor and control systems and components	80
MEA317	Remove and install pressurised aircraft structural and non-structural components	60
MEA318	Inspect aircraft hydro-mechanical, mechanical, gaseous and landing gear systems and components	60
MEA319	Inspect gas turbine engine systems and components	80
MEA320	Test and troubleshoot aircraft hydro-mechanical, gaseous and landing gear systems and components	60
MEA321	Test and troubleshoot aircraft fixed wing flight control systems and components	60
MEA322	Test and troubleshoot gas turbine engine systems and components	60
MEA323	Perform advanced troubleshooting in aircraft mechanical maintenance	210
MEA325	Weigh aircraft and perform aircraft weight and balance calculations as a result of modifications	40
MEA328	Maintain and/or repair aircraft mechanical components or parts	100
MEA339	Inspect, repair and maintain aircraft structures	140
MEA343	Remove and install avionic system components	40
MEA344	Remove and install aircraft components	60
MEA345	Perform scheduled line maintenance activities on gas turbine engine fixed wing aircraft	80
MEA346	Perform scheduled line maintenance activities on gas turbine engine rotary wing aircraft	80
MEA347	Perform scheduled line maintenance activities on piston engine fixed wing aircraft	80
MEA348	Perform scheduled line maintenance activities on piston engine rotary wing aircraft	80
MEA351	Maintain airframe systems of basic light fixed wing aircraft	90
MEA352	Maintain basic rotary wing aircraft systems	110
MEA353	Maintain basic light aircraft engines and propellers	70
MEA354	Maintain light aircraft pneumatic systems	70
MEA355	Maintain light aircraft air cycle air conditioning systems	50
MEA357	Inspect, test and repair aircraft fabric surfaces	50
MEA358	Re-cover aircraft fabric surfaces	50
MEA359	Inspect and repair aircraft wooden structures	50

MEA362	Maintain aircraft vapour cycle air conditioning systems	50
MEA364	Maintain and/or repair small aircraft mechanical components or parts	90
MEA365	Assess structural repair/modification requirements and evaluate structural repairs and modifications	60
MEA369	Inspect and maintain structures and related components of non-pressurised small aircraft	55
MEA370	Repair the structure of non-pressurised small aircraft	55
MEA398	Remove and install aircraft hydro-mechanical and landing gear system components	60
MEA399	Lay out and set up aircraft systems	120
MEA418	Perform basic repair of aircraft internal fittings during line maintenance	40
MEA436	Inspect, repair and modify non-primary structure components in aircraft cabins and cockpits	50
MEA701	Produce aeronautical engineering related graphics	70
MEA702	Produce avionics engineering related graphics	70
MEA703	Apply aeronautical modelling for computer-aided engineering	70
MEA704	Apply avionic modelling for computer-aided engineering	70
MEA709	Apply aeronautical structure design techniques	70
MEA710	Apply aeronautical system design techniques	70
MEA711	Apply avionic analogue design techniques	70
MEA712	Apply avionic digital design techniques	70
MEA713	Integrate aeronautical fundamentals into an engineering task	70
MEA714	Integrate avionic fundamentals into an engineering task	70
MEA715	Evaluate aeroplane flight control systems	70
MEA716	Evaluate avionic analogue systems	70
MEA717	Evaluate avionic digital systems	70
MEA718	Evaluate rotorcraft flight control systems	70
MEA719	Evaluate aircraft electrical systems	70
MEA720	Evaluate aircraft gas turbine engine power plants	70
MEA721	Evaluate aircraft hydro-mechanical systems	70
MEA722	Evaluate aircraft piston engine power plants	70

MEA723	Evaluate aircraft pneumatic systems	70
MEA724	Evaluate aircraft structure	70
MEA725	Apply advanced scientific principles and techniques in avionic engineering situations	55
MEA726	Apply aircraft electrical system design techniques	55
MEA727	Apply calculus in avionic engineering situations	55
MEA729	Apply configuration management procedures in airworthiness engineering management	70
MEAARM0001	Maintain aircraft egress systems	120
MEAARM0002	Remove and install aircraft stores management system components	60
MEAARM0003	Remove and install aircraft stores suspension system components	60
MEAARM0004	Inspect, test and troubleshoot aircraft stores management systems and components	60
MEAARM0005	Inspect, test and troubleshoot aircraft stores suspension systems and components	80
MEAABI0002	Remove and install basic aircraft electrical system components	40
MEAABI0004	Remove and install basic aircraft instrument system components	40
MEAABI0008	Inspect, test and troubleshoot basic aircraft electrical systems and components	80
MEAABI0009	Inspect, test and troubleshoot basic aircraft instrument systems and components	80
MEAABI0010	Inspect, test and troubleshoot advanced aircraft instrument systems and components	80
MEAABI0011	Inspect, test and troubleshoot basic aircraft communication and radio navigation systems and components	80
MEAABI0012	Inspect, test and troubleshoot advanced aircraft communications systems and components	80
MEAABI0013	Inspect, test and troubleshoot instrument landing systems and components	60
MEAABI0014	Inspect, test and troubleshoot fixed wing autopilot systems and components	60
MEAABI0015	Inspect, test and troubleshoot rotary wing autopilot systems and components	60
MEAABI0017	Inspect, test and troubleshoot aircraft primary radar systems and components	60
MEAABI0018	Inspect, test and troubleshoot aircraft secondary radar systems and components	60
MEAABI0030	Inspect, test and troubleshoot aircraft inertial navigation and reference systems and components	40
MEAABI0031	Inspect, test and troubleshoot aircraft global navigation systems and components	40
MEAABI0033	Perform routine removal and installation of miscellaneous aircraft electrical hardware or components	20
MEAABI0034	Fabricate aircraft electrical looms and harnesses	40

MEAavi0037	Test, align and troubleshoot aircraft synchro and servo system components	16
MEAavi0038	Use electronic test equipment	20
MEAavi0039	Modify and repair aircraft component single-layer printed circuit boards	16
MEAavi0040	Modify and repair aircraft component multi-layer printed circuit boards	16
MEAavi0043	Terminate and repair aircraft optical fibre cable	35
MEAavi0044	Maintain basic light aircraft electrical systems and components	60
MEAavi0045	Maintain basic light aircraft instrument systems and components	60
MEAavi0046	Maintain basic aircraft communication and radio navigation systems and components	60
MEAavi0047	Maintain twin-engine aircraft electrical systems and components	60
MEAavi0048	Inspect, test and troubleshoot aircraft instrument display systems and components	60
MEAavi0049	Inspect, test and troubleshoot full authority digital engine control systems	60
MEAavi0050	Inspect, test and troubleshoot flight management systems and components	60
MEAavi0051	Maintain light aircraft AC-powered instrument systems and components	60
MEAavi0052	Repair and overhaul aircraft pulse system components	60
MEAavi0053	Repair and overhaul aircraft display, control and distribution system components	60
MEAavi0054	Repair and overhaul aircraft instrument system components	60
MEAavi0055	Repair and overhaul aircraft radio frequency	60
MEAavi0056	Repair and overhaul aircraft electrical and electro-mechanical components	60
MEAavi0057	Repair and overhaul aircraft oxygen system	60
MEAavi0058	Repair and overhaul aircraft audio and visual systems and reproducers	60
MEAavi0059	Fit avionics modification sheet metal components	60
MEAavi0060	Inspect, test and troubleshoot fixed wing single-axis autopilot systems and components	80
MEACOM0005	Certify aeronautical product maintenance	60
MEACOM0006	Plan and implement aeronautical product maintenance activities	40
MEACOM0011	Manage an aviation maintenance quality system	60
MEACOM0012	Manage aviation maintenance work environment policy and practices	40
MEACOM0013	Develop aviation maintenance personnel	40

MEACOM0014	Manage aircraft maintenance activities	100
MEACOM0015	Provide technical advice in the maintenance and management of aircraft and aeronautical product	80
MEACOM0016	Provide engineering advice for modifying, maintaining and managing aircraft systems	80
MEACOM0017	Investigate technical aspects of aviation occurrences	80
MEACOM0018	Manage deployed and detached aviation maintenance activities	120
MEACOM0019	Manage the custody, transfer and disposal of aircraft, aeronautical product and support equipment	40
MEACOM0020	Manage budgetary resources in the aviation maintenance environment	60
MEACOM0021	Establish, maintain and evaluate the organisations work health and safety system	40
MEACOM0022	Use computers in aviation maintenance-related integrated logistic support activities	40
MEACOM0023	Perform aviation maintenance-related integrated logistic support management activities	120
MEACOM0024	Supervise aviation maintenance teams and perform maintenance quality inspections	40
MEACOM0025	Manage risk in aviation maintenance	60
MEACOM0027	Develop and manage maintenance error management programs	60
MEACOM0028	Coordinate change programs in the aviation maintenance environment	35
MEACOM0029	Convert skills and knowledge from allied trades for employment in aviation maintenance workshops	60
MEACOM0030	Prepare and manage aviation maintenance organisation budgets and financial plans	80
MEACOM0032	Communicate aviation technical and maintenance management knowledge	35
MEACOM0038	Manage aircraft and aeronautical product configuration	60
MEACOM0040	Assess aviation maintenance spares and manage repairable items	80
MEACOM0041	Write aviation technical publications	40
MEACOM0043	Perform airworthiness management and maintenance program tasks	50
MEAENG0001	Apply basic scientific principles and techniques in aeronautical engineering situations	110
MEAENG0002	Apply basic scientific principles and techniques in avionic engineering situations	70
MEAENG0003	Select and test aviation engineering materials	70
MEAENG0004	Apply systems engineering procedures to airworthiness engineering design project management	70
MEAENG0005	Perform aircraft weight control activities	70
MEALSU0001	Maintain and fit anti-G suits	30

MEALSU0002	Maintain and fit helmets	30
MEALSU0003	Maintain and fit immersion suits	30
MEALSU0004	Maintain and fit oxygen masks	30
MEALSU0005	Maintain and pack parachutes	30
MEALSU0006	Maintain, pack and fit survival inflatable buoyancy vests	30
MEALSU0007	Maintain, install and remove restraint systems	30
MEALSU0008	Manufacture, repair and alter aircraft-related fabric components	30
MEALSU0009	Maintain seat and pod electrical and electronic systems	30
MEALSU0010	Operate and maintain sewing machines and overlockers	50
MEALSU0011	Maintain general aviation recovery devices with ballistic parachute systems	55
MEALSU0012	Maintain and pack survival inflatable life rafts	35
MEALSU0013	Maintain and pack escape slides	35
MEAMEC0013	Inspect, test and troubleshoot gas turbine engine systems and components	120
MEAMEC0024	Fabricate and repair aircraft mechanical components or component parts	100
MEAMEC0026	Maintain aircraft basic hydraulic and pneumatic components or component parts	60
MEAMEC0027	Maintain aircraft non-primary structural removable components or parts and internal fittings	60
MEAMEC0028	Maintain aircraft gas turbine engine components or component parts	60
MEAMEC0029	Maintain aircraft mechanical components or component parts	60
MEAMEC0030	Maintain aircraft piston engine components or component parts	60
MEAMEC0032	Apply basic aircraft design characteristics	120
MEAMEC0033	Apply basic aircraft power plant design characteristics	120
MEAMEC0040	Maintain airframe systems of basic light fixed wing aircraft	90
MEAMEC0041	Maintain basic rotary wing aircraft systems	110
MEAMEC0042	Maintain basic light aircraft engines and propellers	70
MEAMEC0043	Maintain light aircraft pneumatic systems	70
MEAMEC0044	Maintain light aircraft air cycle air conditioning systems	50
MEAMEC0048	Maintain aircraft diesel engines	70

MEAMEC0049	Maintain aircraft two stroke petrol engines	70
MEAMEC0051	Maintain and repair small aircraft mechanical components and parts	90
MEAMEC0053	Perform borescope inspections	50
MEAMEC0054	Modify and repair aircraft composite structure using cold bonding	60
MEAMEC0055	Shot-peen aircraft components	40
MEAMEC0056	Inspect and maintain structures and related components of non-pressurised small aircraft	55
MEAMEC0057	Repair the structure of non-pressurised small aircraft	55
MEAMEC0058	Perform major modifications and repairs to small aircraft metal structure	90
MEAMEC0059	Perform mechanical elementary maintenance	55
MEAMEC0060	Repair and overhaul aircraft hydraulic system components	110
MEAMEC0061	Repair and overhaul aircraft pneumatic system components	110
MEAMEC0062	Repair and overhaul aircraft fuel system components	70
MEAMEC0063	Repair and overhaul gas turbine engine air inlet and compressor components and modules	70
MEAMEC0064	Repair and overhaul gas turbine engine combustion section components and modules	70
MEAMEC0065	Repair and overhaul gas turbine, engine turbine and exhaust section components	70
MEAMEC0066	Repair and overhaul gas turbine engine ancillary section components	70
MEAMEC0067	Test gas turbine engines and engine modules after overhaul or repair	70
MEAMEC0068	Repair and overhaul propellers	110
MEAMEC0069	Repair and overhaul rotary wing dynamic components	190
MEAMEC0070	Repair and overhaul aircraft mechanical system components	130
MEAMEC0071	Disassemble aircraft piston engines	35
MEAMEC0072	Repair and overhaul aircraft piston engine cylinder assembly components	35
MEAMEC0073	Repair and overhaul aircraft piston engine crankcase assembly components	35
MEAMEC0074	Reassemble aircraft piston engines	35
MEAMEC0075	Assemble aircraft piston engine quick engine change unit	25
MEAMEC0076	Test aircraft piston engines after repair or overhaul	35
MEASTR0001	Inspect aircraft structures	60

MEASTR0002	Modify and repair aircraft composite materials structures and components	100
MEASTR0003	Modify and repair aircraft non-primary structural sheet metal components	60
MEASTR0004	Modify and repair aircraft non-primary structural non-metallic components	60
MEASTR0005	Maintain aircraft structure and components	80
MEASTR0006	Remove surface coatings from aircraft or aircraft components	40
MEASTR0007	Pre-treat aluminium alloy surfaces	40
MEASTR0008	Seal aircraft and aircraft component structural seams	40
MEASTR0009	Remove light corrosion from aircraft	80
MEASTR0010	Paint aircraft surfaces	60
MEASTR0011	Apply aircraft identification markings, graphics and decals	60
MEASTR0012	Apply specialty coatings to aircraft	80
MEASTR0014	Fabricate basic structural components for aircraft	100
MEASTR0015	Fabricate advanced structural components for aircraft	100
MEASTR0016	Repair and modify aircraft metal structure	80
MEASTR0017	Perform major disassembly and reassembly on aircraft structure	80
MEASTR0018	Evaluate aircraft non-destructive tests	80
MEASTR0019	Perform bolted repairs to composite skins	25
MEASTR0020	Gas weld aircraft components	40
MEASTR0021	Braze weld aircraft components	40
MEASTR0022	Weld aircraft components using the gas tungsten arc welding process	40
MEASTR0023	Weld aircraft components using the gas metal arc welding process	40
MEASTR0024	Weld aircraft components using the plasma arc welding process	40
MEASTR0025	Weld aircraft components using the manual metal arc welding process	40

Mapping Qualifications

The following table provides an overview of the qualifications from version 5 which replace qualifications from the existing version of the MEA Aeroskills Training Package.

MEA Current Qualification				MEA Replacement Qualification		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
MEA20618	Certificate II in Aircraft Surface Finishing	520	E	MEA20622	Certificate II in Aircraft Surface Finishing	520
MEA30218	Certificate III in Aeroskills (Mechatronics)	1040	E	MEA30222	Certificate III in Aeroskills (Mechatronics)	1040
MEA30318	Certificate III in Aircraft Life Support and Furnishing	836	E	MEA30322	Certificate III in Aircraft Life Support and Furnishing	836
MEA40918	Certificate IV in Aircraft Surface Finishing	996	E	MEA40922	Certificate IV in Aircraft Surface Finishing	996
MEA41119	Certificate IV in Aeronautical Life Support Equipment	980	E	MEA41122	Certificate IV in Aeronautical Life Support Equipment	980
MEA41218	Certificate IV in Aeroskills (Armament)	950	E	MEA41222	Certificate IV in Aeroskills (Armament)	950
MEA41318	Certificate IV in Aeroskills (Structures)	1120	E	MEA41322	Certificate IV in Aeroskills (Structures)	1120
MEA50318	Diploma of Aviation Maintenance Management (Avionics)	575	NE	MEA50422	Diploma of Aviation Maintenance Management	655
MEA50418	Diploma of Aviation Maintenance Management (Mechanical)	630	NE			
MEA50518	Diploma of Aeroskills (Non-Destructive Testing)	1689	E	MEA50522	Diploma of Aeroskills (Non-Destructive Testing)	1689
MEA60218	Advanced Diploma of Aviation Maintenance Management (Mechanical)	1120	NE	MEA60222	Advanced Diploma of Aviation Maintenance Management	1070
MEA60118	Advanced Diploma of Aviation Maintenance Management (Avionics)	1065	NE			
MEA60318	Advanced Diploma of Aviation Non-Destructive Testing	2320	E	MEA60322	Advanced Diploma of Aviation Non-Destructive Testing	2320

Mapping Skill Sets

The following table provides an overview of the skill sets from Version 5 which replace skill sets from the existing version of the MEA Aeroskills Training Package

MEA Current Skill Sets				MEA Replacement Skill Sets		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
MEASS00245	AMW001 Electrical component repair/overhaul	296	E	MEASS00458	AMW001 Electrical component repair/overhaul	296
MEASS00246	AMW002 Mechanical and electro-mechanical instrument component repair/overhaul	312	E	MEASS00459	AMW002 Mechanical and electro-mechanical instrument component repair/overhaul	312
MEASS00247	AMW003 Aircraft display, control and distribution system component repair/overhaul	312	E	MEASS00460	AMW003 Aircraft display, control and distribution system component repair/overhaul	312
MEASS00248	AMW004 Oxygen system component repair/overhaul	160	E	MEASS00461	AMW004 Oxygen system component repair/overhaul	160
MEASS00249	AMW005 Aircraft radio frequency communication and navigation system component repair/overhaul	296	E	MEASS00462	AMW005 Aircraft radio frequency communication and navigation system component repair/overhaul	296
MEASS00250	AMW006 Aircraft pulse system component repair/overhaul	296	E	MEASS00463	AMW006 Aircraft pulse system component repair/overhaul	296
MEASS00251	AMW007 Aircraft audio and visual system and reproducer repair/overhaul	296	E	MEASS00464	AMW007 Aircraft audio and visual system and reproducer repair/overhaul	296
MEASS00252	AMW008 Hydraulic system component repair/overhaul	210	E	MEASS00465	AMW008 Hydraulic system component repair/overhaul	210
MEASS00253	AMW009 Electro-hydraulic component repair/overhaul	310	E	MEASS00466	AMW009 Electro-hydraulic component repair/overhaul	310
MEASS00254	AMW010 Pneumatic system component repair/overhaul	210	E	MEASS00467	AMW010 Pneumatic system component repair/overhaul	210
MEASS00255	AMW011 Electro-pneumatic component repair/overhaul	310	E	MEASS00468	AMW011 Electro-pneumatic component repair/overhaul	310
MEASS00256	AMW012 Fuel system component repair/overhaul	170	E	MEASS00469	AMW012 Fuel system component repair/overhaul	170
MEASS00257	AMW013 Gas turbine engine air inlet and compressor module/component repair/overhaul	170	E	MEASS00470	AMW013 Gas turbine engine air inlet and compressor module/component repair/overhaul	170
MEASS00258	AMW014 Gas turbine engine combustion section module/component repair/overhaul	170	E	MEASS00471	AMW014 Gas turbine engine combustion section module/component repair/overhaul	170

MEASS00259	AMW015 Gas turbine engine turbine and exhaust module/component repair/overhaul	170	E	MEASS00472	AMW015 Gas turbine engine turbine and exhaust module/component repair/overhaul	170
MEASS00260	AMW016 Gas turbine engine ancillary section module/component repair/overhaul	170	E	MEASS00473	AMW016 Gas turbine engine ancillary section module/component repair/overhaul	170
MEASS00261	AMW017 Piston engine disassembly for repair/overhaul	135	E	MEASS00474	AMW017 Piston engine disassembly for repair/overhaul	135
MEASS00262	AMW018 Repair and/or overhaul aircraft piston engine cylinder assembly components	135	E	MEASS00475	AMW018 Repair and/or overhaul aircraft piston engine cylinder assembly components	135
MEASS00263	AMW019 Repair and/or overhaul aircraft piston engine crankcase assembly components	135	E	MEASS00476	AMW019 Repair and/or overhaul aircraft piston engine crankcase assembly components	135
MEASS00264	AMW020 Reassemble aircraft piston engines	135	E	MEASS00477	AMW020 Reassemble aircraft piston engines	135
MEASS00265	AMW021 Assemble aircraft piston engine quick engine change unit	125	E	MEASS00478	AMW021 Assemble aircraft piston engine quick engine change unit	125
MEASS00266	AMW022 Test aircraft piston engines after repair or overhaul	300	E	MEASS00479	AMW022 Test aircraft piston engines after repair or overhaul	300
MEASS00267	AMW023 Propeller repair/overhaul	210	E	MEASS00480	AMW023 Propeller repair/overhaul	210
MEASS00268	AMW024 Rotary wing dynamic component repair/overhaul	290	E	MEASS00481	AMW024 Rotary wing dynamic component repair/overhaul	290
MEASS00269	AMW025 Mechanical system component repair/overhaul	230	E	MEASS00482	AMW025 Mechanical system component repair/overhaul	230
MEASS00270	AMW026 Composite structure maintenance	400	E	MEASS00483	AMW026 Composite structure maintenance	160
MEASS00348	MTA001 Aircraft egress system maintenance	360	E	MEASS00561	MTA001 Aircraft egress system maintenance	360
MEASS00350	MTA003 Borescope inspection approval	50	E	MEASS00563	MTA003 Borescope inspection approval	50
MEASS00351	MTA004 Aircraft composite structure repair/modification using hot and cold bonding	410	E	MEASS00564	MTA004 Aircraft composite structure repair/modification using hot and cold bonding	410
MEASS00352	MTA005 Aircraft composite structure repair/modification using cold bonding only	370	E	MEASS00565	MTA005 Aircraft composite structure repair/modification using cold bonding only	370
MEASS00353	MTA006 Aircraft welding using the gas welding process - aluminium alloys	492	E	MEASS00566	MTA006 Aircraft welding using the gas welding process - aluminium alloys	492
MEASS00354	MTA007 Aircraft welding using the gas welding process - magnesium alloys	492	E	MEASS00567	MTA007 Aircraft welding using the gas welding process - magnesium alloys	492
MEASS00355	MTA008 Aircraft welding using the gas welding process - carbon and low alloy steels	492	E	MEASS00568	MTA008 Aircraft welding using the gas welding process - carbon and low alloy steels	492

MEASS00356	MTA009 Aircraft welding using the gas welding process - corrosion and heat resisting steels	492	E	MEASS00569	MTA009 Aircraft welding using the gas welding process - corrosion and heat resisting steels	492
MEASS00357	MTA010 Aircraft welding using the gas welding process - nickel alloys	492	E	MEASS00570	MTA010 Aircraft welding using the gas welding process - nickel alloys	492
MEASS00358	MTA011 Aircraft welding using the gas welding process - copper based alloys	492	E	MEASS00571	MTA011 Aircraft welding using the gas welding process - copper based alloys	492
MEASS00359	MTA012 Aircraft welding using the gas welding process - titanium alloys	492	E	MEASS00572	MTA012 Aircraft welding using the gas welding process - titanium alloys	492
MEASS00360	MTA013 Aircraft welding using the braze welding process - aluminium alloys	294	E	MEASS00573	MTA013 Aircraft welding using the braze welding process - aluminium alloys	294
MEASS00361	MTA014 Aircraft welding using the braze welding process - magnesium alloys	294	E	MEASS00574	MTA014 Aircraft welding using the braze welding process - magnesium alloys	294
MEASS00362	MTA015 Aircraft welding using the braze welding process - carbon and low alloy steels	294	E	MEASS00575	MTA015 Aircraft welding using the braze welding process - carbon and low alloy steels	294
MEASS00363	MTA016 Aircraft welding using the braze welding process - corrosion and heat resisting steels	294	E	MEASS00576	MTA016 Aircraft welding using the braze welding process - corrosion and heat resisting steels	294
MEASS00364	MTA017 Aircraft welding using the braze welding process - nickel alloys	294	E	MEASS00577	MTA017 Aircraft welding using the braze welding process - nickel alloys	294
MEASS00365	MTA018 Aircraft welding using the braze welding process - copper based alloys	294	E	MEASS00578	MTA018 Aircraft welding using the braze welding process - copper based alloys	294
MEASS00366	MTA019 Aircraft welding using the braze welding process - titanium alloys	240	E	MEASS00579	MTA019 Aircraft welding using the braze welding process - titanium alloys	294
MEASS00367	MTA020 Aircraft welding using the gas metal arc welding process - aluminium alloys	612	E	MEASS00580	MTA020 Aircraft welding using the gas metal arc welding process - aluminium alloys	612
MEASS00368	MTA021 Aircraft welding using the gas metal arc welding process - magnesium alloys	612	E	MEASS00581	MTA021 Aircraft welding using the gas metal arc welding process - magnesium alloys	612
MEASS00369	MTA022 Aircraft welding using the gas metal arc welding process - carbon and low alloy steels	612	E	MEASS00582	MTA022 Aircraft welding using the gas metal arc welding process - carbon and low alloy steels	612
MEASS00370	MTA023 Aircraft welding using the gas metal arc welding process - corrosion and heat resisting steel	612	E	MEASS00583	MTA023 Aircraft welding using the gas metal arc welding process - corrosion and heat resisting steel	612
MEASS00371	MTA024 Aircraft welding using the gas metal arc welding process - nickel alloys	612	E	MEASS00584	MTA024 Aircraft welding using the gas metal arc welding process - nickel alloys	612
MEASS00372	MTA025 Aircraft welding using the gas metal arc welding process - copper based alloys	612	E	MEASS00585	MTA025 Aircraft welding using the gas metal arc welding process - copper based alloys	612

MEASS00373	MTA026 Aircraft welding using the gas metal arc welding process - titanium alloys	612	E	MEASS00586	MTA026 Aircraft welding using the gas metal arc welding process - titanium alloys	612
MEASS00374	MTA027 Aircraft welding using the gas tungsten arc welding process - aluminium alloys	612	E	MEASS00587	MTA027 Aircraft welding using the gas tungsten arc welding process - aluminium alloys	612
MEASS00375	MTA028 Aircraft welding using the gas tungsten arc welding process - magnesium alloys	612	E	MEASS00588	MTA028 Aircraft welding using the gas tungsten arc welding process - magnesium alloys	612
MEASS00376	MTA029 Aircraft welding using the gas tungsten arc welding process - carbon and low alloy steels	612	E	MEASS00589	MTA029 Aircraft welding using the gas tungsten arc welding process - carbon and low alloy steels	612
MEASS00377	MTA030 Aircraft welding using gas tungsten arc welding process - corrosion and heat resisting steel	612	E	MEASS00590	MTA030 Aircraft welding using gas tungsten arc welding process - corrosion and heat resisting steel	612
MEASS00378	MTA031 Aircraft welding using the gas tungsten arc welding process - nickel alloys	612	E	MEASS00591	MTA031 Aircraft welding using the gas tungsten arc welding process - nickel alloys	612
MEASS00379	MTA032 Aircraft welding using the plasma arc welding process - aluminium alloys	612	E	MEASS00592	MTA032 Aircraft welding using the plasma arc welding process - aluminium alloys	612
MEASS00380	MTA033 Aircraft welding using the plasma arc welding process - magnesium alloys	612	E	MEASS00593	MTA033 Aircraft welding using the plasma arc welding process - magnesium alloys	612
MEASS00381	MTA034 Aircraft welding using the plasma arc welding process - carbon and low alloy steels	612	E	MEASS00594	MTA034 Aircraft welding using the plasma arc welding process - carbon and low alloy steels	612
MEASS00382	MTA035 Aircraft welding using the plasma arc welding process - corrosion and heat resisting steels	612	E	MEASS00595	MTA035 Aircraft welding using the plasma arc welding process - corrosion and heat resisting steels	612
MEASS00383	MTA036 Aircraft welding using the plasma arc welding process - nickel alloys	612	E	MEASS00596	MTA036 Aircraft welding using the plasma arc welding process - nickel alloys	612
MEASS00384	MTA037 Aircraft welding using the plasma arc welding process - copper based alloys	612	E	MEASS00597	MTA037 Aircraft welding using the plasma arc welding process - copper based alloys	612
MEASS00385	MTA038 Aircraft welding using the plasma arc welding process - titanium alloys	612	E	MEASS00598	MTA038 Aircraft welding using the plasma arc welding process - titanium alloys	612
MEASS00386	MTA039 Aircraft welding using the manual metal arc welding process - aluminium alloys	612	E	MEASS00599	MTA039 Aircraft welding using the manual metal arc welding process - aluminium alloys	612
MEASS00387	MTA040 Aircraft welding using the manual metal arc welding process - magnesium alloys	612	E	MEASS00600	MTA040 Aircraft welding using the manual metal arc welding process - magnesium alloys	612
MEASS00388	MTA041 Aircraft welding using the manual metal arc welding process - carbon and low alloy steels	612	E	MEASS00601	MTA041 Aircraft welding using the manual metal arc welding process - carbon and low alloy steels	612

MEASS00389	MTA042 Aircraft welding using manual metal arc welding process - corrosion and heat resisting steels	612	E	MEASS00602	MTA042 Aircraft welding using manual metal arc welding process - corrosion and heat resisting steels	612
MEASS00390	MTA043 Aircraft welding using the manual metal arc welding process - nickel alloys	612	E	MEASS00603	MTA043 Aircraft welding using the manual metal arc welding process - nickel alloys	612
MEASS00391	MTA044 Aircraft welding using the manual metal arc welding process - copper based alloys	612	NE	MEASS00604	MTA044 Aircraft welding using the manual metal arc welding process - copper based alloys	612
MEASS00392	MTA045 Aircraft welding using the manual metal arc welding process - titanium alloys	612	NE	MEASS00605	MTA045 Aircraft welding using the manual metal arc welding process - titanium alloys	612
MEASS00402	MTA055 Basic radiographic inspection approval for aerospace	294	E	MEASS00615	MTA055 Basic radiographic inspection approval for aerospace	294
MEASS00403	MTA056 Electroplate aeronautical product component parts	316	E	MEASS00616	MTA056 Electroplate aeronautical product component parts	316
MEASS00404	MTA057 Produce anodised film on aluminium alloy components	154	E	MEASS00617	MTA057 Produce anodised film on aluminium alloy components	154
MEASS00405	MTA058 Metal spray aeronautical product component parts	190	E	MEASS00618	MTA058 Metal spray aeronautical product component parts	190
MEASS00406	MTA059 Machine aeronautical product component parts (general)	436	E	MEASS00619	MTA059 Machine aeronautical product component parts (general)	436
MEASS00407	MTA060 Grind aeronautical product component parts	400	E	MEASS00620	MTA060 Grind aeronautical product component parts	400
MEASS00408	MTA061 Precision jig boring of aeronautical product component parts	364	E	MEASS00621	MTA061 Precision jig boring of aeronautical product component parts	364
MEASS00409	MTA062 Complex milling of aeronautical product component parts	391	E	MEASS00622	MTA062 Complex milling of aeronautical product component parts	391
MEASS00410	MTA063 Machine aeronautical product component parts using horizontal and/or vertical boring machines	310	E	MEASS00623	MTA063 Machine aeronautical product component parts using horizontal and/or vertical boring machines	310
MEASS00411	MTA064 Machine aeronautical product component parts using NC/CNC machines	364	E	MEASS00624	MTA064 Machine aeronautical product component parts using NC/CNC machines	364
MEASS00412	MTA065 Machine aeronautical product component parts using NC/CNC machining centres	382	E	MEASS00625	MTA065 Machine aeronautical product component parts using NC/CNC machining centres	382
MEASS00413	MTA066 Machine plastic aeronautical product component parts	274	E	MEASS00626	MTA066 Machine plastic aeronautical product component parts	274
MEASS00414	MTA067 Aeronautical product component parts - metal spinning lathe operations	346	E	MEASS00627	MTA067 Aeronautical product component parts - metal spinning lathe operations	346

MEASS00416	MTA069 Aircraft tyre retreading (advanced)	159	E	MEASS00629	MTA069 Aircraft tyre retreading (advanced)	146
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Mapping Units of Competency

The following table provides an overview of the units of competency from Version 5 which replace Units of Competency from the existing version of the MEA Aeroskills Training Package

MEA Current Unit				MEA Replacement Unit		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
MEA601	Maintain aircraft egress systems	120	E	MEAARM0001	Maintain aircraft egress systems	120
MEA602	Remove and install aircraft stores management system components	60	E	MEAARM0002	Remove and install aircraft stores management system components	60
MEA603	Remove and install aircraft stores suspension system components	60	E	MEAARM0003	Remove and install aircraft stores suspension system components	60
MEA604	Inspect, test and troubleshoot aircraft stores management systems and components	60	E	MEAARM0004	Inspect, test and troubleshoot aircraft stores management systems and components	60
MEA605	Inspect, test and troubleshoot aircraft stores suspension systems and components	80	E	MEAARM0005	Inspect, test and troubleshoot aircraft stores suspension systems and components	80
MEA202	Remove and install basic aircraft electrical system components	40	E	MEAAVI0002	Remove and install basic aircraft electrical system components	40
MEA204	Remove and install basic aircraft instrument system components	40	E	MEAAVI0004	Remove and install basic aircraft instrument system components	40
MEA210	Inspect, test and troubleshoot basic aircraft electrical systems and components	80	E	MEAAVI0008	Inspect, test and troubleshoot basic aircraft electrical systems and components	80
MEA212	Inspect, test and troubleshoot basic aircraft instrument systems and components	80	E	MEAAVI0009	Inspect, test and troubleshoot basic aircraft instrument systems and components	80
MEA213	Inspect, test and troubleshoot advanced aircraft instrument systems and components	80	E	MEAAVI0010	Inspect, test and troubleshoot advanced aircraft instrument systems and components	80
MEA214	Inspect, test and troubleshoot aircraft basic communication and radio navigation systems and compone	80	E	MEAAVI0011	Inspect, test and troubleshoot basic aircraft communication and radio navigation systems and components	80
MEA215	Inspect, test and troubleshoot advanced aircraft communications systems and components	80	E	MEAAVI0012	Inspect, test and troubleshoot advanced aircraft communications systems and components	80
MEA216	Inspect, test and troubleshoot instrument landing systems and components	60	E	MEAAVI0013	Inspect, test and troubleshoot instrument landing systems and components	60
MEA217	Inspect, test and troubleshoot fixed wing autopilot systems and components	60	E	MEAAVI0014	Inspect, test and troubleshoot fixed wing autopilot systems and components	60

MEA218	Inspect, test and troubleshoot rotary wing autopilot systems and components	60	E	MEAAVI0015	Inspect, test and troubleshoot rotary wing autopilot systems and components	60
MEA220	Inspect, test and troubleshoot aircraft primary radar systems and components	60	E	MEAAVI0017	Inspect, test and troubleshoot aircraft primary radar systems and components	60
MEA221	Inspect, test and troubleshoot aircraft secondary radar systems and components	60	E	MEAAVI0018	Inspect, test and troubleshoot aircraft secondary radar systems and components	60
MEA233	Inspect, test and troubleshoot aircraft inertial navigation and reference systems and components	40	E	MEAAVI0030	Inspect, test and troubleshoot aircraft inertial navigation and reference systems and components	40
MEA234	Inspect, test and troubleshoot aircraft global navigation systems and components	40	E	MEAAVI0031	Inspect, test and troubleshoot aircraft global navigation systems and components	40
MEA238	Perform routine removal and installation of miscellaneous aircraft electrical hardware/components	20	E	MEAAVI0033	Perform routine removal and installation of miscellaneous aircraft electrical hardware or components	20
MEA239	Fabricate aircraft electrical looms and harnesses	40	E	MEAAVI0034	Fabricate aircraft electrical looms and harnesses	40
MEA252	Test, align and troubleshoot aircraft synchro and servo system components	16	E	MEAAVI0037	Test, align and troubleshoot aircraft synchro and servo system components	16
MEA261	Use electronic test equipment	20	E	MEAAVI0038	Use electronic test equipment	20
MEA262	Modify/repair aircraft component single layer printed circuit boards	16	E	MEAAVI0039	Modify and repair aircraft component single-layer printed circuit boards	16
MEA263	Modify/repair aircraft component multi-layer printed circuit boards	16	E	MEAAVI0040	Modify and repair aircraft component multi-layer printed circuit boards	16
MEA266	Terminate and repair aircraft optical fibre cable	35	E	MEAAVI0043	Terminate and repair aircraft optical fibre cable	35
MEA274	Maintain basic light aircraft electrical systems and components	60	E	MEAAVI0044	Maintain basic light aircraft electrical systems and components	60
MEA275	Maintain basic light aircraft instrument systems and components	60	E	MEAAVI0045	Maintain basic light aircraft instrument systems and components	60
MEA276	Maintain basic aircraft communication and radio navigation systems and components	60	E	MEAAVI0046	Maintain basic aircraft communication and radio navigation systems and components	60
MEA277	Maintain twin engine aircraft electrical systems and components	60	E	MEAAVI0047	Maintain twin-engine aircraft electrical systems and components	60
MEA278	Inspect, test and troubleshoot instrument display systems and components	60	E	MEAAVI0048	Inspect, test and troubleshoot aircraft instrument display systems and components	60
MEA279	Inspect, test and troubleshoot full authority digital engine control systems	60	E	MEAAVI0049	Inspect, test and troubleshoot full authority digital engine control systems	60

MEA280	Inspect, test and troubleshoot flight management systems and components	60	E	MEAAVI0050	Inspect, test and troubleshoot flight management systems and components	60
MEA281	Maintain light aircraft AC powered instrument systems and components	60	E	MEAAVI0051	Maintain light aircraft AC-powered instrument systems and components	60
MEA282	Repair or overhaul aircraft pulse system components	60	E	MEAAVI0052	Repair and overhaul aircraft pulse system components	60
MEA283	Repair or overhaul aircraft display, control and distribution system components	60	E	MEAAVI0053	Repair and overhaul aircraft display, control and distribution system components	60
MEA284	Repair or overhaul aircraft instrument system components	60	E	MEAAVI0054	Repair and overhaul aircraft instrument system components	60
MEA285	Repair or overhaul aircraft radio frequency communication and navigation system components	60	E	MEAAVI0055	Repair and overhaul aircraft radio frequency	60
MEA286	Repair or overhaul aircraft electrical/electro-mechanical components	60	E	MEAAVI0056	Repair and overhaul aircraft electrical and electro-mechanical components	60
MEA287	Repair or overhaul aircraft oxygen system components	60	E	MEAAVI0057	Repair and overhaul aircraft oxygen system	60
MEA288	Repair or overhaul aircraft audio and visual systems and reproducers	60	E	MEAAVI0058	Repair and overhaul aircraft audio and visual systems and reproducers	60
MEA290	Fit avionics modification sheet metal components	60	E	MEAAVI0059	Fit avionics modification sheet metal components	60
MEA291	Inspect, test and troubleshoot fixed wing single axis autopilot systems and components	80	E	MEAAVI0060	Inspect, test and troubleshoot fixed wing single-axis autopilot systems and components	80
MEA114	Certify aeronautical product maintenance	60	E	MEACOM0005	Certify aeronautical product maintenance	60
MEA115	Plan and implement aeronautical product maintenance activities	40	E	MEACOM0006	Plan and implement aeronautical product maintenance activities	40
MEA120	Manage an aviation maintenance quality system	60	E	MEACOM0011	Manage an aviation maintenance quality system	60
MEA123	Manage aviation maintenance work environment policy and practices	40	E	MEACOM0012	Manage aviation maintenance work environment policy and practices	40
MEA125	Develop aviation maintenance personnel	40	E	MEACOM0013	Develop aviation maintenance personnel	40
MEA126	Manage aircraft maintenance activities	100	E	MEACOM0014	Manage aircraft maintenance activities	100
MEA127	Provide technical advice in the maintenance and management of aircraft and aeronautical product	80	E	MEACOM0015	Provide technical advice in the maintenance and management of aircraft and aeronautical product	80

MEA128	Provide engineering advice in the modification, maintenance and management of aircraft systems	80	E	MEACOM0016	Provide engineering advice for modifying, maintaining and managing aircraft systems	80
MEA129	Investigate technical aspects of aviation occurrences	80	E	MEACOM0017	Investigate technical aspects of aviation occurrences	80
MEA130	Manage deployed/detached aviation maintenance activities	120	E	MEACOM0018	Manage deployed and detached aviation maintenance activities	120
MEA131	Manage the custody, transfer and disposal of aircraft, aeronautical product and support equipment	40	E	MEACOM0019	Manage the custody, transfer and disposal of aircraft, aeronautical product and support equipment	40
MEA132	Manage budgetary resources in the aviation maintenance environment	60	E	MEACOM0020	Manage budgetary resources in the aviation maintenance environment	60
MEA134	Establish, maintain and evaluate the organisation's work health and safety system	40	E	MEACOM0021	Establish, maintain and evaluate the organisations work health and safety system	40
MEA135	Use computers in aviation maintenance-related integrated logistic support activities	40	E	MEACOM0022	Use computers in aviation maintenance-related integrated logistic support activities	40
MEA139	Perform aviation maintenance-related integrated logistic support management activities	120	E	MEACOM0023	Perform aviation maintenance-related integrated logistic support management activities	120
MEA140	Supervise aviation maintenance teams and perform maintenance quality inspections	40	E	MEACOM0024	Supervise aviation maintenance teams and perform maintenance quality inspections	40
MEA141	Manage risk in aviation maintenance	60	E	MEACOM0025	Manage risk in aviation maintenance	60
MEA143	Develop and manage maintenance error management programs	60	E	MEACOM0027	Develop and manage maintenance error management programs	60
MEA144	Coordinate change programs in the aviation maintenance environment	35	E	MEACOM0028	Coordinate change programs in the aviation maintenance environment	35
MEA145	Conversion from allied trades for employment in aviation maintenance workshops	60	E	MEACOM0029	Convert skills and knowledge from allied trades for employment in aviation maintenance workshops	60
MEA146	Prepare and manage aviation maintenance organisation budgets and financial plans	80	E	MEACOM0030	Prepare and manage aviation maintenance organisation budgets and financial plans	80
MEA153	Communicate aviation technical and maintenance management knowledge	35	E	MEACOM0032	Communicate aviation technical and maintenance management knowledge	35
MEA159	Manage aircraft and aeronautical product configuration	60	E	MEACOM0038	Manage aircraft and aeronautical product configuration	60
MEA161	Assess aviation maintenance spares and manage repairable items	80	E	MEACOM0040	Assess aviation maintenance spares and manage repairable items	80

MEA162	Write aviation technical publications	40	E	MEACOM0041	Write aviation technical publications	40
MEA164	Perform airworthiness management and maintenance program tasks	50	E	MEACOM0043	Perform airworthiness management and maintenance program tasks	50
MEA705	Apply basic scientific principles and techniques in aeronautical engineering situations	110	E	MEAENG0001	Apply basic scientific principles and techniques in aeronautical engineering situations	110
MEA706	Apply basic scientific principles and techniques in avionic engineering situations	70	E	MEAENG0002	Apply basic scientific principles and techniques in avionic engineering situations	70
MEA707	Select and test aeronautical engineering materials	70	NE	MEAENG0003	Select and test aviation engineering materials	70
MEA708	Select and test avionic engineering materials	55	NE	MEAENG0003	Select and test aviation engineering materials	70
MEA730	Apply systems engineering procedures to airworthiness engineering design project management	70	E	MEAENG0004	Apply systems engineering procedures to airworthiness engineering design project management	70
MEA731	Perform aircraft weight control activities	70	E	MEAENG0005	Perform aircraft weight control activities	70
MEA501	Maintain and fit anti-G suits	30	E	MEALSU0001	Maintain and fit anti-G suits	30
MEA502	Maintain and fit helmets	30	E	MEALSU0002	Maintain and fit helmets	30
MEA503	Maintain and fit immersion suits	30	E	MEALSU0003	Maintain and fit immersion suits	30
MEA504	Maintain and fit oxygen masks	30	E	MEALSU0004	Maintain and fit oxygen masks	30
MEA505	Maintain and pack parachutes	30	E	MEALSU0005	Maintain and pack parachutes	30
MEA507	Maintain, pack and fit survival inflatable buoyancy vests	30	E	MEALSU0006	Maintain, pack and fit survival inflatable buoyancy vests	30
MEA508	Maintain, install and remove restraint systems	30	E	MEALSU0007	Maintain, install and remove restraint systems	30
MEA509	Manufacture, repair and alter aircraft related fabric components	30	E	MEALSU0008	Manufacture, repair and alter aircraft-related fabric components	30
MEA510	Maintain seat and pod electrical and electronic systems	30	E	MEALSU0009	Maintain seat and pod electrical and electronic systems	30
MEA511	Operate and maintain sewing machines and overlockers	50	E	MEALSU0010	Operate and maintain sewing machines and overlockers	50
MEA512	Maintain general aviation recovery devices with ballistic parachute systems	55	E	MEALSU0011	Maintain general aviation recovery devices with ballistic parachute systems	55
MEA513	Maintain and pack survival inflatable life rafts	35	E	MEALSU0012	Maintain and pack survival inflatable life rafts	35
MEA514	Maintain and pack escape slides	35	E	MEALSU0013	Maintain and pack escape slides	35

MEA314	Inspect, test and troubleshoot gas turbine engine systems and components	120	E	MEAMEC0013	Inspect, test and troubleshoot gas turbine engine systems and components	120
MEA327	Fabricate and/or repair aircraft mechanical components or parts	100	E	MEAMEC0024	Fabricate and repair aircraft mechanical components or component parts	100
MEA329	Maintain aircraft basic hydraulic and pneumatic components or parts	60	E	MEAMEC0026	Maintain aircraft basic hydraulic and pneumatic components or component parts	60
MEA330	Maintain aircraft non-primary structural removable components or parts and internal fittings	60	E	MEAMEC0027	Maintain aircraft non-primary structural removable components or parts and internal fittings	60
MEA331	Maintain aircraft gas turbine engine components or parts	60	E	MEAMEC0028	Maintain aircraft gas turbine engine components or component parts	60
MEA332	Maintain aircraft mechanical components or parts	60	E	MEAMEC0029	Maintain aircraft mechanical components or component parts	60
MEA333	Maintain aircraft piston engine components or parts	60	E	MEAMEC0030	Maintain aircraft piston engine components or component parts	60
MEA341	Apply basic aircraft design characteristics	120	E	MEAMEC0032	Apply basic aircraft design characteristics	120
MEA342	Apply basic aircraft power plant design characteristics	120	E	MEAMEC0033	Apply basic aircraft power plant design characteristics	120
MEA351	Maintain airframe systems of basic light fixed wing aircraft	90	E	MEAMEC0040	Maintain airframe systems of basic light fixed wing aircraft	90
MEA352	Maintain basic rotary wing aircraft systems	110	E	MEAMEC0041	Maintain basic rotary wing aircraft systems	110
MEA353	Maintain basic light aircraft engines and propellers	70	E	MEAMEC0042	Maintain basic light aircraft engines and propellers	70
MEA354	Maintain light aircraft pneumatic systems	70	E	MEAMEC0043	Maintain light aircraft pneumatic systems	70
MEA355	Maintain light aircraft air cycle air conditioning systems	50	E	MEAMEC0044	Maintain light aircraft air cycle air conditioning systems	50
MEA360	Maintain aircraft diesel engines	70	E	MEAMEC0048	Maintain aircraft diesel engines	70
MEA361	Maintain aircraft two stroke petrol engines	70	E	MEAMEC0049	Maintain aircraft two stroke petrol engines	70
MEA364	Maintain and/or repair small aircraft mechanical components or parts	90	E	MEAMEC0051	Maintain and repair small aircraft mechanical components and parts	90
MEA366	Perform borescope inspections	50	E	MEAMEC0053	Perform borescope inspections	50
MEA367	Repair/modify aircraft composite structure using cold bonding	60	E	MEAMEC0054	Modify and repair aircraft composite structure using cold bonding	60
MEA368	Shot peen aircraft components	40	E	MEAMEC0055	Shot-peen aircraft components	40

MEA369	Inspect and maintain structures and related components of non-pressurised small aircraft	55	E	MEAMEC0056	Inspect and maintain structures and related components of non-pressurised small aircraft	55
MEA370	Repair the structure of non-pressurised small aircraft	55	E	MEAMEC0057	Repair the structure of non-pressurised small aircraft	55
MEA371	Perform major repairs and modifications to small aircraft metal structure	90	E	MEAMEC0058	Perform major modifications and repairs to small aircraft metal structure	90
MEA372	Perform mechanical elementary maintenance	55	E	MEAMEC0059	Perform mechanical elementary maintenance	55
MEA380	Repair and/or overhaul aircraft hydraulic system components	110	E	MEAMEC0060	Repair and overhaul aircraft hydraulic system components	110
MEA381	Repair and/or overhaul aircraft pneumatic system components	110	E	MEAMEC0061	Repair and overhaul aircraft pneumatic system components	110
MEA382	Repair and/or overhaul aircraft fuel system components	70	E	MEAMEC0062	Repair and overhaul aircraft fuel system components	70
MEA383	Repair and/or overhaul gas turbine engine air inlet and compressor components and/or modules	70	E	MEAMEC0063	Repair and overhaul gas turbine engine air inlet and compressor components and modules	70
MEA384	Repair and/or overhaul gas turbine engine combustion section components and/or modules	70	E	MEAMEC0064	Repair and overhaul gas turbine engine combustion section components and modules	70
MEA385	Repair and/or overhaul gas turbine engine turbine and exhaust section components	70	E	MEAMEC0065	Repair and overhaul gas turbine, engine turbine and exhaust section components	70
MEA386	Repair and/or overhaul gas turbine engine ancillary section components	70	E	MEAMEC0066	Repair and overhaul gas turbine engine ancillary section components	70
MEA387	Test gas turbine engines and engine modules after overhaul or repair	70	E	MEAMEC0067	Test gas turbine engines and engine modules after overhaul or repair	70
MEA389	Repair and/or overhaul propellers	110	E	MEAMEC0068	Repair and overhaul propellers	110
MEA390	Repair and/or overhaul rotary wing dynamic components	190	E	MEAMEC0069	Repair and overhaul rotary wing dynamic components	190
MEA391	Repair and/or overhaul aircraft mechanical system components	130	E	MEAMEC0070	Repair and overhaul aircraft mechanical system components	130
MEA392	Disassemble aircraft piston engines	35	E	MEAMEC0071	Disassemble aircraft piston engines	35
MEA393	Repair and/or overhaul aircraft piston engine cylinder assembly components	35	E	MEAMEC0072	Repair and overhaul aircraft piston engine cylinder assembly components	35
MEA394	Repair and/or overhaul aircraft piston engine crankcase assembly components	35	E	MEAMEC0073	Repair and overhaul aircraft piston engine crankcase assembly components	35
MEA395	Reassemble aircraft piston engines	35	E	MEAMEC0074	Reassemble aircraft piston engines	35

MEA396	Assemble aircraft piston engine quick engine change unit	25	E	MEAMEC0075	Assemble aircraft piston engine quick engine change unit	25
MEA397	Test aircraft piston engines after repair or overhaul	35	E	MEAMEC0076	Test aircraft piston engines after repair or overhaul	35
MEA401	Inspect aircraft structures	60	E	MEASTR0001	Inspect aircraft structures	60
MEA405	Repair/modify aircraft composite material structure/components	100	E	MEASTR0002	Modify and repair aircraft composite materials structures and components	100
MEA406	Repair/modify aircraft non-primary structural sheet metal components	60	E	MEASTR0003	Modify and repair aircraft non-primary structural sheet metal components	60
MEA407	Repair/modify aircraft non-primary structural non-metallic components	60	E	MEASTR0004	Modify and repair aircraft non-primary structural non-metallic components	60
MEA410	Maintain aircraft structure/components	80	E	MEASTR0005	Maintain aircraft structure and components	80
MEA411	Remove surface coatings from aircraft or aircraft components	40	E	MEASTR0006	Remove surface coatings from aircraft or aircraft components	40
MEA412	Pre-treat aluminium alloy surfaces	40	E	MEASTR0007	Pre-treat aluminium alloy surfaces	40
MEA413	Seal aircraft and aircraft component structural seams	40	E	MEASTR0008	Seal aircraft and aircraft component structural seams	40
MEA414	Remove light corrosion from aircraft	80	E	MEASTR0009	Remove light corrosion from aircraft	80
MEA415	Paint aircraft surfaces	60	E	MEASTR0010	Paint aircraft surfaces	60
MEA416	Apply aircraft identification markings, graphics and decals	60	E	MEASTR0011	Apply aircraft identification markings, graphics and decals	60
MEA417	Apply specialty coatings to aircraft	80	E	MEASTR0012	Apply specialty coatings to aircraft	80
MEA420	Fabricate basic structural components for aircraft	100	E	MEASTR0014	Fabricate basic structural components for aircraft	100
MEA421	Fabricate advanced structural components for aircraft	100	E	MEASTR0015	Fabricate advanced structural components for aircraft	100
MEA422	Repair/modify aircraft metal structure	80	E	MEASTR0016	Repair and modify aircraft metal structure	80
MEA423	Aircraft structure major disassembly and reassembly	80	E	MEASTR0017	Perform major disassembly and reassembly on aircraft structure	80
MEA424	Evaluate aircraft non-destructive tests	80	E	MEASTR0018	Evaluate aircraft non-destructive tests	80
MEA425	Perform bolted composite skin repairs	25	E	MEASTR0019	Perform bolted repairs to composite skins	25
MEA430	Gas weld aircraft components	40	E	MEASTR0020	Gas weld aircraft components	40
MEA431	Braze weld aircraft components	40	E	MEASTR0021	Braze weld aircraft components	40

MEA432	Weld aircraft components using the gas tungsten arc welding process	40	E	MEASTR0022	Weld aircraft components using the gas tungsten arc welding process	40
MEA433	Weld aircraft components using the gas metal arc welding process	40	E	MEASTR0023	Weld aircraft components using the gas metal arc welding process	40
MEA434	Weld aircraft components using the plasma arc welding process	40	E	MEASTR0024	Weld aircraft components using the plasma arc welding process	40
MEA435	Weld aircraft components using the manual metal arc welding process	40	E	MEASTR0025	Weld aircraft components using the manual metal arc welding process	40

Apprenticeships

The following table provides a summary of the apprenticeships that have been affected by changes in this MEA Aeroskills Training Package update.

Please refer to the current *Register of Class A and B qualifications* found on the Department of Training and Workforce Development website for the official list of apprenticeships in Western Australia.

National Code	National Title	Apprenticeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
MEA41318	Aeroskills (Structures)	AP00390: AIRCRAFT MAINTENANCE ENGINEER - STRUCTURES	1120	E	MEA41322	Aeroskills (Structures)	1120

Traineeships

The following table provides a summary of the traineeships that have been affected by changes in this MEA Aeroskills Training Package update.

Please refer to the current *Register of Class A and B qualifications* found on the Department of Training and Workforce Development website for the official list of apprenticeships in Western Australia.

National Code	National Title	Traineeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
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No changes occurred between versions 4 and 5.

Pre-apprenticeships

The following table provides a summary of the pre-apprenticeships that have been affected by changes in this MEA Aeroskills Training Package update.

Please refer to the current *list of pre-apprenticeship courses* found on the Department of Training and Workforce Development website for the official list of pre-apprenticeships in Western Australia.

National Code	National Title	Pre-apprenticeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
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No changes occurred between versions 4 and 5.