



Australian Government

MEA30322 Certificate III in Aircraft Life Support and Furnishing

Release 1

MEA30322 Certificate III in Aircraft Life Support and Furnishing

Modification History

Release1. Supersedes and is equivalent to MEA30318 Certificate III in Aircraft Life Support and Furnishing. Unit codes updated.

Qualification Description

This qualification applies to members of the Australian Defence Force (ADF) and to employees of Aircraft Maintenance Organisations (AMOs) who maintain aircraft and personal life support equipment and aircraft furnishings.

The qualification consists of a number of common units plus mandatory and elective technical stream units, including a number of imported units dealing with explosive ordnance (pyrotechnics) safety and inspection, and with sewing, trimming and use of fabric adhesives.

The qualification articulates with MEA41122 Certificate IV in Aeronautical Life Support Equipment and the common units provide a number of credits towards other Aeroskills qualifications at Certificate II, III and IV levels.

This qualification applies to workplaces that operate under the airworthiness regulatory systems of the Defence Aviation Safety Authority (DASA) and the Civil Aviation Safety Authority (CASA). Any regulatory/licensing requirements associated with any MEA units of competency must be met.

Entry Requirements

Nil.

Packaging Rules

To be awarded the MEA30322 Certificate III in Aircraft Life Support and Furnishing, competency must be demonstrated in 21 units of competency, as follows:

- 9 core units
- 12 elective units (technical stream and imported units) chosen in accordance with the unit selection guidelines in column 4.

CORE UNITS

Unit Code	Unit Title	Prerequisites
MEA107	Interpret and use aviation maintenance industry manuals and specifications	

Unit Code	Unit Title	Prerequisites
MEA118	Conduct self in the aviation maintenance environment	
MEA154	Apply work health and safety practices in aviation maintenance	
MEA155	Plan and organise aviation maintenance work activities	MEA154
MEA156	Apply quality standards during aviation maintenance activities	MEA107, MEA154
MEA157	Complete aviation maintenance industry documentation	
MEA158	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	
MEM12001	Use comparison and basic measuring devices	
MSMENV272	Participate in environmentally sustainable work practices	

ELECTIVE UNITS

Unit code	Unit title	Prerequisites	Unit Selection Guidelines
AURVTT004	Trim vehicle components		Do not take with MSFUP3012
AURVTT005	Select trim and fabric materials		
AURVTT006	Apply trim and fabric adhesives		Do not take with MSTTF2008
DEFEXO001	Work safely with explosive ordnance		
DEFEXO005	Package explosives		
DEFEXO006	Unpackage explosives		

Unit code	Unit title	Prerequisites	Unit Selection Guidelines
DEFEXO008	Conduct explosives inspection		
MEA295	Use electrical test equipment to perform basic electrical tests on aircraft and components	MEA107, MEA154, MEA155 MEA156, MEA157, MEA158	
MEA301	Perform aircraft flight servicing	MEA107, MEA154, MEA155 MEA156, MEA157, MEA158	
MEA303	Remove and install aircraft pneumatic system components	MEA107, MEA154, MEA155 MEA156, MEA157, MEA158	
MEA304	Remove and install non-pressurised aircraft structural and non-structural components	MEA398	Do not take with MEA317
MEA317	Remove and install pressurised aircraft structural and non-structural components	MEA398, MEA303	Do not take with MEA304
MEA398	Remove and install aircraft hydro-mechanical and landing gear system components	MEA154	
MEA436	Inspect, repair and modify non-primary structure components in aircraft cabins and cockpits	MEA154	Do not take with MEASTR0009
MEASTR0006	Remove surface coatings from aircraft	MEA107, MEA154,	

Unit code	Unit title	Prerequisites	Unit Selection Guidelines
	or aircraft components	MEA155 MEA156, MEA157, MEA158	
MEASTR0007	Pre-treat aluminium alloy surfaces	MEA107, MEA154, MEA155 MEA156, MEA157, MEA158	
MEASTR0009	Remove light corrosion from aircraft	MEA107, MEA154, MEA155 MEA156, MEA157, MEA158	Do not take with MEA436
MEASTR0011	Apply aircraft identification markings, graphics and decals	MEA107, MEA154, MEA155 MEA156, MEA157, MEA158	
MEALSU0001	Maintain and fit anti-G suits	MEA107, MEA154, MEA155, MEA156, MEA157, MEA158 MEA118, MEALSU0010 MSFSF2002	
MEALSU0002	Maintain and fit helmets	MEA107, MEA154, MEA155 MEA156, MEA157, MEA158 MEA118, MEA295	
MEALSU0003	Maintain and fit immersion suits	MEA107, MEA118, MEA154, MEA155, MEA156, MEA157, MEA158, MSTTF2008	
MEALSU0004	Maintain and fit oxygen masks	MEA107, MEA118, MEA154, MEA155, MEA156, MEA157, MEA158,	

Unit code	Unit title	Prerequisites	Unit Selection Guidelines
		MEA295	
MEALSU0005	Maintain and pack parachutes	MEA107, MEA118, MEA154, MEA155, MEA156, MEA157, MEA158, MEALSU0010, MSFSF2002	
MEALSU0006	Maintain, pack and fit survival inflatable buoyancy vests	MEA107, MEA118, MEA154, MEA155, MEA156, MEA15, MEA158,	
MEALSU0007	Maintain, install and remove restraint systems	MEA107, MEA118, MEA154, MEA155, MEA156, MEA157, MEA158, MEALSU0010, MSFSF2002	
MEALSU0008	Manufacture, repair and alter aircraft related fabric components	MEA107, MEA118, MEA154, MEA155, MEA156, MEA157, MEA158, MEALSU0010, MSFSF2002	
MEALSU0009	Maintain seat and pod electrical and electronic systems	MEA295	
MEALSU0010	Operate and maintain sewing machines and overlockers		
MEALSU0012	Maintain and pack survival inflatable life rafts	MEA107, MEA118, MEA154, MEA155, MEA156, MEA157, MEA158	
MEALSU0013	Maintain and pack escape slides	MEA107, MEA118, MEA154, MEA155, MEA156, MEA157, MEA158	

Unit code	Unit title	Prerequisites	Unit Selection Guidelines
MSFSF2015	Cut single layer fabrics		
MSFSF2002	Machine sew materials		
MSFUP3012	Apply marine sewing and installation techniques		Do not take with AURVTT004
MSTTF2008	Use adhesives		Do not take with AURVTT006

Qualification Mapping Information

Release 1. Supersedes and is equivalent to MEA30318 Certificate III in Aircraft Life Support and Furnishing.

Links

Companion Volume implementation guides are found in VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ce216c9c-04d5-4b3b-9bcf-4e81d0950371>