



Australian Government

MEA30315 Certificate III in Aircraft Life Support and Furnishing

Release 1

MEA30315 Certificate III in Aircraft Life Support and Furnishing

Modification History

Release 1 - New qualification

Qualification Description

This qualification applies to members of the Australian Defence Force (ADF) and to employees of Aircraft Maintenance Organisations (AMOs) who are maintaining 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 MEA41115 Certificate IV in Aircraft Life Support and Furnishing and the common units and the elective Avionic, Mechanical and Structures Technical Stream units provide a number of credits towards other Aeroskills Certificates at Certificate II, III and IV levels.

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

Entry Requirements

Not applicable

Packaging Rules

To be awarded the MEA30315 Certificate III in Aircraft Life Support and Furnishing, competency must be demonstrated in **twenty-one (21)** units of competency, as follows:

- **nine (9)** core units consisting of common and imported units
- **twelve (12)** elective units (chosen in accordance with the unit selection guidelines in Column 4) from the technical stream and imported units in Group A.

Core units of competency

Unit code	Unit title	Prerequisites
MEA101	Interpret work health and safety practices in aviation maintenance	
MEA103	Plan and organise aviation maintenance work activities	MEA101, MEA105 MEA107, MEA108
MEA105	Apply quality standards applicable to aviation maintenance processes	MEA101, MEA107
MEA107	Interpret and use aviation maintenance industry manuals and specifications	
MEA108	Complete aviation maintenance industry documentation	MEA105
MEA109	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	MEA105, MEA108
MEA118	Conduct self in the aviation maintenance environment	
MEM12001B	Use comparison and basic measuring devices	
MSAENV272B	Participate in environmentally sustainable work practices	

Elective units of competency

Group A

Unit code	Unit title	Prerequisites	Unit selection guidelines
MEA240	Use electrical test equipment	MEA101, MEA103	

Unit code	Unit title	Prerequisites	Unit selection guidelines
	to perform basic electrical tests	MEA105, MEA107 MEA108, MEA109	
MEA301	Perform aircraft flight servicing	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109	
MEA302	Remove and install aircraft hydro-mechanical and landing gear system components	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109	
MEA303	Remove and install aircraft pneumatic system components	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109	
MEA304	Remove and install non-pressurised aircraft structural and non-structural components	MEA302	Do not take with MEA317
MEA317	Remove and install pressurised aircraft structural and non-structural components	MEA302, MEA303	Do not take with MEA304
MEA411	Remove surface coatings from aircraft or aircraft components	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109	
MEA412	Pre-treat aluminium alloy surfaces	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109	
MEA414	Remove light corrosion from aircraft	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109	Do not take with MEA419
MEA416	Apply aircraft identification markings, graphics and decals	MEA101, MEA103 MEA105, MEA107	

Unit code	Unit title	Prerequisites	Unit selection guidelines
		MEA108, MEA109	
MEA419	Inspect and repair/modify aircraft cabin/cockpit non-primary structure components	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109	Do not take with MEA414
MEA501	Maintain and fit anti-G suits	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109 MEA118, MEA511 MSFSF2002	
MEA502	Maintain and fit helmets	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109 MEA118, MEA240	
MEA503	Maintain and fit immersion suits	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109 MEA118 LMTTF2008A	
MEA504	Maintain and fit oxygen masks	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109 MEA118, MEA240	
MEA505	Maintain and pack parachutes	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109 MEA118, MEA511 MSFSF2002	
MEA507	Maintain, pack and fit survival inflatable buoyancy vests	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109 MEA118	

Unit code	Unit title	Prerequisites	Unit selection guidelines
MEA508	Maintain, install and remove restraint systems	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109 MEA118, MEA511 MSFSF2002	
MEA509	Manufacture, repair and alter aircraft related fabric components	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109 MEA118, MEA511 MSFSF2002	
MEA510	Maintain seat and pod electrical and electronic systems	MEA240	
MEA511	Operate and maintain sewing machines and overlockers		
MEA513	Maintain and pack survival inflatable life rafts	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109 MEA118	
MEA514	Maintain and pack escape slides	MEA101, MEA103 MEA105, MEA107 MEA108, MEA109 MEA118	
AURVTT2004	Trim vehicle components		Do not take with MSFUP3012
AURVTT2005	Select and apply trim and fabric materials		
AURVTT2006	Select and apply trim and fabric adhesives		Do not take with LMTTF2008A
MSFSF2001	Cut single layer fabrics		
MSFSF2002	Machine sew materials		

Unit code	Unit title	Prerequisites	Unit selection guidelines
MSFUP3012	Apply marine sewing and installation techniques		Do not take with AURVTT2004
LMTTF2008A	Use adhesives		Do not take with AURVTT2006
DEFEO101D	Work safely with explosive ordnance		
DEFEO301D	Package ammunition		
DEFEO302D	Unpackage ammunition		
DEFEO501D	Conduct explosive ordnance inspection		

Qualification Mapping Information

Supersedes and is equivalent to MEA30311 Certificate III in Aircraft Life Support and Furnishing

Links

MSA Training Package Implementation Guides - <http://mskills.org.au/training-packages/info/>