



Australian Government

MEA30318 Certificate III in Aircraft Life Support and Furnishing

Release: 1

MEA30318 Certificate III in Aircraft Life Support and Furnishing

Modification History

Release 1. Supersedes and equivalent to MEA30315 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 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 MEA41118 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 MEA30318 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 |
|-----------|--|----------------|
| MEA107 | Interpret and use aviation maintenance industry manuals and specifications | |
| MEA118 | Conduct self in the aviation maintenance environment | |
| MEA154 | Apply work health and safety practices in aviation maintenance | |
| MEA155 | Plan and organise aviation maintenance work activities | MEA154 |
| MEA156 | Apply quality standards during aviation maintenance activities | MEA154, MEA107 |
| MEA157 | Complete aviation maintenance industry documentation | |
| MEA158 | Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance | |
| MEM12001B | Use comparison and basic measuring devices | |
| MSMENV272 | Participate in environmentally sustainable work practices | |

Elective units of competency

Group A

| 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 |

| Unit code | Unit title | Prerequisites | Unit selection guidelines |
|-----------|--|--|---------------------------|
| DEFEXO001 | Work safely with explosive ordnance | | |
| DEFEXO005 | Package explosives | | |
| DEFEXO006 | Unpackage explosives | | |
| DEFEXO008 | Conduct explosives inspection | | |
| MEA295 | Use electrical test equipment to perform basic electrical tests on aircraft and components | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 | |
| MEA301 | Perform aircraft flight servicing | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 | |
| MEA303 | Remove and install aircraft pneumatic system components | MEA154, MEA155 MEA156, MEA107 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 | |
| MEA411 | Remove surface coatings from aircraft or aircraft components | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 | |

| Unit code | Unit title | Prerequisites | Unit selection guidelines |
|-----------|---|---|---------------------------|
| MEA412 | Pre-treat aluminium alloy surfaces | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 | |
| MEA414 | Remove light corrosion from aircraft | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 | Do not take with MEA436 |
| MEA416 | Apply aircraft identification markings, graphics and decals | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 | |
| MEA436 | Inspect, repair and modify non-primary structure components in aircraft cabins and cockpits | MEA154 | Do not take with MEA414 |
| MEA501 | Maintain and fit anti-G suits | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118, MEA511 MSFSF2002 | |
| MEA502 | Maintain and fit helmets | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118, MEA295 | |
| MEA503 | Maintain and fit immersion suits | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118 LMTTF2008A | |
| MEA504 | Maintain and fit oxygen masks | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118, MEA295 | |

| Unit code | Unit title | Prerequisites | Unit selection guidelines |
|-----------|--|---|---------------------------|
| MEA505 | Maintain and pack parachutes | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118, MEA511 MSFSF2002 | |
| MEA507 | Maintain, pack and fit survival inflatable buoyancy vests | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118 | |
| MEA508 | Maintain, install and remove restraint systems | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118, MEA511 MSFSF2002 | |
| MEA509 | Manufacture, repair and alter aircraft related fabric components | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118, MEA511 MSFSF2002 | |
| MEA510 | Maintain seat and pod electrical and electronic systems | MEA295 | |
| MEA511 | Operate and maintain sewing machines and overlockers | | |
| MEA513 | Maintain and pack survival inflatable life rafts | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118 | |
| MEA514 | Maintain and pack escape slides | MEA154, MEA155 MEA156, MEA107 MEA157, MEA158 MEA118 | |

| Unit code | Unit title | Prerequisites | Unit selection guidelines |
|-----------|---|---------------|----------------------------|
| MSFSF2001 | 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 equivalent to MEA30315 Certificate III in Aircraft Life Support and Furnishing.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?docId=ce216c9c-04d5-4b3b-9bcf-4e81d0950371&n=Aeroskills%20Training%20Package>