



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **DEF31712 Certificate III in Aviation Life Support Maintenance**

**Release: 1**

## **DEF31712 Certificate III in Aviation Life Support Maintenance**

### **Modification History**

Not applicable.

### **Description**

Not applicable.

### **Pathways Information**

Not applicable.

### **Licensing/Regulatory Information**

Not applicable.

### **Entry Requirements**

Not applicable.

## Employability Skills Summary

### Employability Skills Summary for DEF31712 Certificate III in Aviation Life Support Maintenance

Employability Skills are part of a unit of competency.

Employability Skills statements from a selection of units of competency from the DEF31712 Certificate III in Aviation Life Support Maintenance have been reproduced in the table below. This table provides an example of Employability Skills for the qualification because Employability Skills within a qualification will vary depending on the qualification packaging options.

<b>Employability Skill</b>	<b>Employability Skills Statement</b>
<b>Communication</b>	<p>Defence qualifications have core units (which must be achieved) and elective units (where there is a choice of units which must be achieved) so different Employability Skills Summaries are possible within the one qualification, depending on the package of core units and chosen elective units.</p> <ul style="list-style-type: none"> <li>• adjust own communication styles to reflect equity and diversity principles</li> <li>• apply appropriate techniques when providing constructive feedback to other team members, and giving and receiving support to/from team members</li> <li>• apply interpersonal and cross-cultural communication strategies</li> <li>• communicate orally and in writing</li> <li>• demonstrate an understanding of:             <ul style="list-style-type: none"> <li>• standard procedures, job instructions, workplace forms and reports</li> <li>• organisational policies and guidelines</li> <li>• legislative and statutory requirements</li> <li>• relevant OH&amp;S regulations/requirements, precautions equipment, material and personal safety requirements</li> </ul> </li> <li>• verbal and non-verbal communication techniques including, language style, active listening</li> <li>• non operational and operational communication processes</li> <li>• ensure that information, knowledge and skills are communicated effectively and shared</li> <li>• ensure workplace documentation and reports are to the standard required</li> <li>• explain and have verified the equipment fitting</li> <li>• identify, act on or report breaches in site safety, injuries or incidents</li> <li>• identify, recognise and apply relevant action/criteria to hazardous materials labels and characteristics</li> <li>• liaise with outside agencies relating to maintenance activities</li> <li>• obtain relevant authorisation before specialised and hazardous</li> </ul>

	<p>work is carried out</p> <ul style="list-style-type: none"> <li>• read, access, interpret and apply technical instructions and drawings</li> <li>• read to a level required to interpret job instructions, workplace forms and reports</li> <li>• use literacy skills for comprehending and interpreting documentation including maintenance and aviation industry documentation</li> </ul>
<b>Teamwork</b>	<ul style="list-style-type: none"> <li>• assist in the completion of tasks</li> <li>• make a positive contribution to the effectiveness and efficiency of a team</li> <li>• present either an Anti-G suit, helmet suit, immersion suit, oxygen mast, parachute, survival inflatable life raft or escape slide, restraint belts/harnesses to a supervisor for inspection</li> <li>• take part in group discussions and informal meetings</li> <li>• work in an acceptable and non-discriminatory manner while establishing rapport and good working relationships with all colleagues</li> <li>• work under supervision and as part of a team including recognising, valuing and adjusting own behaviour to individual differences in the workplace by treating others with respect and dignity</li> </ul>
<b>Problem solving</b>	<ul style="list-style-type: none"> <li>• apply and assess compatibility</li> <li>• calculate dimension, allowable dimension variations and modifications for Anti-G garments, helmets, survival inflatable buoyancy vests</li> <li>• ensure net explosive quantities and compatibility are identified, calculated, assessed and applied throughout the operation</li> <li>• ensure participant is measured to select appropriate size and optimal fit for either an Anti-G suit, oxygen mask, or helmet</li> <li>• inspect, test and/or replace unserviceable parts of the Anti-G suit, helmet, oxygen mask, parachute, survival inflatable life raft, escape slide; survival inflatable buoyancy vest and/or ancillary equipment</li> <li>• provide problem solving skills for a limited range of differing procedural circumstances</li> <li>• recognise a range of faults and their serviceability limits and repair within limitations/tolerances</li> <li>• undertake emergency procedures in relation to chemical spills and emergency evacuation of personnel in distress</li> </ul>
<b>Initiative and enterprise</b>	<ul style="list-style-type: none"> <li>• use improvised techniques appropriately</li> <li>• apply initiative to ensure that specialised equipment is serviceable and ready for use</li> </ul>
<b>Planning and</b>	<ul style="list-style-type: none"> <li>• apply recognised safety precautions, prepare for inspection, and</li> </ul>

<b>organising</b>	<p>ensure the safe handling, storage and transportation of equipment</p> <ul style="list-style-type: none"> <li>• demonstrate an understanding of occupational health and safety requirements (including those contained in organisation procedures)</li> <li>• ensure explosive ordnance is acquired, identified and accounted for, and moved or pre-positioned in preparation for inspection</li> <li>• ensure tools and equipment required for the inspection are identified, acquired and prepared</li> <li>• plan/prepare for the brief/debrief and schedule brief/debrief</li> </ul>
<b>Self-management</b>	<ul style="list-style-type: none"> <li>• comply with workplace equity and diversity practices</li> <li>• conduct self in a manner that shows sensitivity to the differences between colleagues</li> <li>• recognise and apply individual responsibility regarding hazards</li> <li>• recognise the limit of own authority</li> </ul>
<b>Learning</b>	<ul style="list-style-type: none"> <li>• participate in emergency response exercises</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• achieve a safe work environment when working with explosive ordnance and ensure hazardous materials are handled and moved safely</li> <li>• demonstrate electrical principles and specific electronic/electrical components knowledge, depending on the specialised equipment</li> <li>• demonstrate information technology skills to access and input to documentation</li> <li>• maintain, repair and fit either an Anti-G suit, helmets capable of housing communications equipment, immersion suits, survival inflatable life rafts or escape slides, survival inflatable buoyancy vests, or restraint systems</li> <li>• test and measure equipment, and tools used to maintain either Anti-G garments, helmets, oxygen masks, or communication system components</li> <li>• test for serviceability either an Anti-G suit, helmet immersion suits, survival inflatable life rafts or escape slides, survival inflatable buoyancy vests, or restraint systems</li> <li>• use communications systems</li> <li>• use relevant power and machine tools</li> <li>• use specialised military equipment</li> <li>• use testing and measuring equipment</li> </ul>

## Packaging Rules

### **Qualification Requirement: 20 units**

**All 10 core units, plus 4 units from the specialisation elective units, plus 3 fabrication elective units, plus 3 general elective units**

The general elective units may be taken from the general elective units listed below, or may include 2 units taken from within this Training Package or any other endorsed Training Package at the same qualification level or at a higher level.

<b>Code</b>	<b>Core Units</b>
DEFEO101D	Work safely with explosive ordnance
DEFEQ001C	Work with equity and diversity
MEA101A	Interpret occupational health and safety practices in maintenance
OR	
BSBCMN211A	Participate in workplace safety procedures
MEA103A	Plan and organise work activities
MEA105A	Apply quality standards applicable to maintenance processes
MEA107A	Interpret and use industry manuals and specifications
MEA108A	Complete industry documentation
MEA109A	Perform basic hand skills, standard trade practices and fundamentals
MEM12.1B	Use comparison and basic measuring devices
TDAZ503A	Manage basic situation awareness in the aviation workplace
<b>Code</b>	<b>Specialisation Elective Units</b>
DEFEO501D	Conduct explosive ordnance inspection
DEFLS001B	Maintain and fit Anti-G suits
DEFLS002B	Maintain and fit helmets
DEFLS003B	Maintain and fit immersion suits
DEFLS004B	Maintain and fit oxygen masks
DEFLS005B	Maintain and pack parachutes
DEFLS006B	Maintain and pack survival inflatable life rafts or escape slides
DEFLS007B	Maintain, pack and fit survival inflatable buoyancy vests
DEFLS008B	Maintain, install and remove restraint systems
<b>Code</b>	<b>Fabrication Elective Units</b>
DEFLS009B	Manufacture, repair and alter aircraft related fabric components

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AUR31268B	Select and apply trim/fabric materials
LMFSF2001A	Cut single layer fabrics
LMFSF2002A	Machine sew materials
LMFUP3012A	Apply marine sewing and installation techniques
LMTPRTF05CA	Operate and maintain sewing machine - 3

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<b>Code</b>	<b>General Elective Units</b>
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BSBSUS201A	Participate in environmentally sustainable work practices
LMTPRTF09BA	Use adhesives - 2
MEM11.11B	Undertake manual handling
PUACOM001B	Communicate in the workplace
DEFM007B	Marshal aircraft (Defence)
PUAOPE004B	Conduct briefings/debriefings
PUATEA001B	Work in a team
PUAWER004B	Respond to workplace emergencies
TDTA1197B	Package goods
TDTA1397B	Receive goods

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