

RTO	Aviation Australia Pty Ltd		RTO Number	30770
Course Details	Code	MEA41318		
	Title	Certificate IV in Aeroskills (Structures) – Skills Recognition		
	Length	Duration will vary depending on the gap training required		
Cost	<p>\$1,500 enrolment/assessment report/Journal of Experience/certification fee.</p> <p>The remaining costs for training material and CASR Part 66 examinations will be determined by the requirements detailed in your assessment report and are therefore in addition to the above fee.</p>			
Purpose	<p>To become an aircraft maintenance engineer performing maintenance on metal, composite and in some cases wooden structures and/or fabric coverings, in hangars or structural component workshops.</p> <p>The qualification provides a limited number of credits towards MEA50219 Diploma of Aeroskills (Mechanical).</p>			
Qualification Requirements	Your RPL assessor will compile and confirm your requirements based on the packaging rules for MEA41318 Certificate IV in Aeroskills (Structures).			
Study Modes	<p>Theory requirements are assessed in line with the CASR Part 66 basic knowledge syllabus using multiple-choice question examinations as summative assessments.</p> <p>Practical requirements are completed in your workplace and recorded in the Journal of Experience (supplied by your RPL Assessor upon request).</p> <p>For units of competency that do not align with Part 66 modules, candidates are assessed through online training courses with work-based assignments or candidates can provide evidence of competence through the RPL process.</p>			
Course Outcomes	<p>AQF MEA41318 Certificate IV in Aeroskills (Structures) qualification.</p> <p>AQF Statement of Attainment for units of competency achieved.</p> <p>CASR Part 147 Certificate of Recognition for CASR Part 66 basic knowledge examinations passed at over 75%.</p>			
Recognition of Prior Learning	Candidates undertaking RPL are assessed based on the evidence supplied in their RPL application. Any training gaps identified can be completed through a variety of methods, which may include on-the-job training (recorded via a Journal of Experience), instructor-led classes and online self-paced learning.			

Code	Title	Core / Elective
Units of Competency		
MEA107	Interpret and use aviation maintenance industry manuals and specifications	Core
MEA118	Conduct self in the aviation maintenance environment	Core
MEA154	Apply work health and safety practices in aviation maintenance	Core
MEA155	Plan and organise aviation maintenance work activities	Core
MEA156	Apply quality standards applicable to aviation maintenance processes	Core
MEA157	Complete aviation maintenance industry documentation	Core
MEA158	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance	Core
MEA327	Fabricate and/or repair aircraft mechanical components or parts	Core
MEA401	Inspect aircraft structures	Core
MEA420	Fabricate basic structural components for aircraft	Core
MEA421	Fabricate advanced structural components for aircraft	Core
MEA422	Repair/modify aircraft metal structure	Core
MEA423	Aircraft structure major disassembly and reassembly	Core
MSMENV272	Participate in environmentally sustainable work practices	Core
AVIF3016	Marshall aircraft	Elective
MEA303	Remove and install aircraft pneumatic system components	Elective
MEA304	Remove and install non-pressurised aircraft structural and non-structural components	Elective
MEA305	Remove and install aircraft fixed wing flight control system components	Elective
MEA308	Remove and install rotary wing rotor and flight control system components	Elective
MEA317	Remove and install pressurised aircraft structural and non-structural components	Elective
MEA367	Repair/modify aircraft composite structure using cold bonding	Elective
MEA398	Remove and install aircraft hydro-mechanical and landing gear system components	Elective
MEA405	Repair/modify aircraft composite material structure/components	Elective
MEA410	Maintain aircraft structure/components	Elective
MEA411	Remove surface coatings from aircraft or aircraft components	Elective

Code	Title	Core / Elective
Units of Competency		
MEA425	Perform bolted composite skin repairs	Elective
MEM06003C	Carry out heat treatment	Elective

CASR Part 66 basic knowledge syllabus	
Module	Title
6	Aircraft Materials and Hardware
7	Maintenance Practices
8	Aerodynamics
9	Human Factors
11	Aeroplane Aerodynamics, Structures and Systems
12	Helicopter Aerodynamics, Structures and Systems