

AVIATION AUSTRALIA

# Cert II in Aircraft Line Maintenance MEA20515 – CASR Part 66 A licence

*The largest CASR and EASA Part 147 approved Maintenance Training Organisation in Australia.*



<b>RTO Aviation Australia</b>	<b>Name</b>	Aviation Australia Pty Ltd	<b>RTO number CASR Part 147</b>	30770 CASA.147MTO.0025
<b>Course Details</b>	<b>Code</b>	MEA20515		
	<b>Title</b>	Certificate II in Aircraft Line Maintenance		
<b>Purpose of Course</b>	<p>This qualification satisfies CASA requirements for the grant, under CASR Part 66, of a Category A Aircraft Maintenance Engineer Licence when the skills and knowledge requirements align with CASA syllabus requirements as detailed in the CASR Part 66 Manual of Standards, and training has been delivered in accordance with the requirements of CASR Part 147.</p> <p>Candidates must undergo a Recognition of Prior Learning (RPL) assessment during the initial enrolment phase to ensure that appropriate CASR Part 66 Basic Knowledge modules are selected for the category/sub-category of licence being sought (Annex A).</p>			
<b>Target Group</b>	<p>This qualification applies to:</p> <ul style="list-style-type: none"> <li>individuals seeking the grant of a CASA Category A Aircraft Maintenance Engineer Licence which is applicable to employees or potential employees of airlines and other operators of piston, jet and turbo-propeller aircraft and helicopters who are required to hold a CASA A Licence to perform and certify a range of specified maintenance tasks that can be performed with the aircraft on a flight line or at the departure gate. On completion of the required maintenance tasks the individual is authorised to release the aircraft to service.</li> </ul>			
<b>Regulatory requirements/ Packaging Rules</b>	<p>To be awarded the MEA20515 Certificate II in Aircraft Line Maintenance, competency must be demonstrated in fifteen (15) units of competency, as follows:</p> <ul style="list-style-type: none"> <li>fourteen (14) Core units made up of common, imported and technical stream units</li> <li>one (1) unit from Elective Group A, chosen according to the CASA A licence that is being sought.</li> </ul> <p>This qualification meets the requirements of CASA for the grant of an Aircraft Maintenance Engineer A Licence provided the applicant has a minimum two years practical experience on operating aircraft and in training.</p>			



**Queensland  
Government**



 /AviationAustralia  
 @AviationAust  
 AviationAust  
 www.aviationaustralia.aero  
 +617 3860 0900  
 industry.info@aviationaustralia.aero

<b>Nationally Endorsed Training package (If applicable)</b>	<b>Code</b>	MEA	<b>Version</b>	1.3
	<b>Title</b>	Aeroskills Training Package	<b>Qualification</b>	MEA20515 - Cert II in Aircraft Line Maintenance
<b>Reference Competency Unit(s) (If Applicable)</b>	<b>Certificate II in Aircraft Line Maintenance</b>			
	<b>National Code</b>	<b>Title</b>		<b>Core / Elective</b>
	MEA101	Interpret occupational health and safety practices in aviation maintenance		Core
	MEA103	Plan and organise aviation maintenance work activities		Core
	MEA105	Apply quality standards applicable to aviation maintenance processes		Core
	MEA107	Interpret and use aviation maintenance industry manuals and specifications		Core
	MEA108	Complete aviation maintenance industry documentation		Core
	MEA109	Perform basic hand skills, standard trade practices and fundamentals in aviation maintenance		Core
	MSAENV272B	Participate in environmentally sustainable work practices		Core
	MEA117	Apply self in the aviation maintenance environment		Core
	MEA119	Perform administrative processes to prepare for certification of civil aircraft A level line maintenance		Core
	MEA240	Use electrical test equipment to perform basic electrical tests		Core
	MEA264	Remove and install aircraft electrical avionic components during line maintenance		Core
	MEA265	Remove and install general aircraft electrical hardware		Core
	MEA344	Remove and install aircraft components		Core
	MEA418	Perform basic repair of aircraft internal fittings during line maintenance		Core



**Queensland  
Government**



 /AviationAustralia  
 @AviationAust  
 AviationAust  
 www.aviationaustralia.aero  
 +617 3860 0900  
 industry.info@aviationaustralia.aero

Elective units depending on sub-category of licence sought

Reference Competency Unit(s) (If Applicable)	National Code	Title	Core / Elective
	MEA345 A1 licence	Perform scheduled line maintenance activities on gas turbine engine fixed wing aircraft	Elective
	MEA346 A3 licence	Perform scheduled line maintenance activities on gas turbine engine rotary wing aircraft	Elective
	MEA347 A2 licence	Perform scheduled line maintenance activities on piston engine fixed wing aircraft	Elective
	MEA348 A4 licence	Perform scheduled line maintenance activities on piston engine rotary wing aircraft	Elective



Queensland  
Government



-  /AviationAustralia
-  @AviationAust
-  AviationAust
-  www.aviationaustralia.aero
-  +617 3860 0900
-  industry.info@aviationaustralia.aero

<b>Assessment Method and Delivery Mode</b>	<p>Training Material can be accessed via Aviation Australia’s Learning Management System (LMS). Practice questions are also available to self-check their course progress.</p> <p>Remedial training programs are available on campus to support students. Programs are conducted to meet the individuals learning needs.</p> <p>Candidates are issued with a Journal of Experience (JoE) usually completed on-the-job as part of their employment at a Maintenance Organisation. In addition to the completion of a JoE; a member of the Aviation Australia assessment team visits the workplace to assess the candidate in the field.</p> <p><b>CASR Part 66</b> The theoretical element of course delivery is in line with the CASR Part 66 basic knowledge syllabus. Delivered in a modular format with CASR Part 66 Multi-Choice-Question examinations as summative assessments.</p> <p>For units of competency that don’t align with Part 66 modules (e.g. MSAENV272B Participate in environmentally sustainable work practices), candidates will be assessed through online training courses with work-based assignments or, candidates have the opportunity to provide evidence of competence through the RPL process.</p>
<b>Course Length</b>	<p>Varies. Candidates post RPL can choose to self-study the training material, or attend scheduled instructor led classes, or a combination of both.</p>
<b>Course Costing</b>	<ul style="list-style-type: none"> <li>• \$1,100 enrolment/RPL/Journal of Experience/certification fee</li> <li>• <b>The remaining costs for training material and CASR Part 66 examinations can only be determined by RPL and are therefore in addition to the above fee.</b></li> </ul>
<b>Outcome</b>	<ul style="list-style-type: none"> <li>• AQF MEA20515 Certificate II in Aircraft Line Maintenance qualification</li> <li>• CASR Part 147 Certificate of Recognition for CASR Part 66 basic knowledge examinations passed at over 75%</li> <li>• CASA Form 465 submission once the full training requirement has been met IAW CASR Part 66 Manual of Standards.</li> </ul>
<b>References</b>	<p><a href="http://www.casa.gov.au">www.casa.gov.au</a></p> <p><a href="http://www.training.gov.au">www.training.gov.au</a></p> <p><a href="http://www.aviationaustralia.aero">www.aviationaustralia.aero</a></p> <p>CASR Part 66 Manual of Standards</p>



Queensland  
Government



-  /AviationAustralia
-  @AviationAust
-  AviationAust
-  [www.aviationaustralia.aero](http://www.aviationaustralia.aero)
-  +617 3860 0900
-  [industry.info@aviationaustralia.aero](mailto:industry.info@aviationaustralia.aero)

## Annex A

### CASR Part 66 basic knowledge syllabus:

Subject Modules	Title	A1	A2	A3	A4
1	Mathematics	X	X	X	X
2	Physics	X	X	X	X
3	Electrical Fundamentals	X	X	X	X
4	Electronic Fundamentals	X	X	X	X
5	Digital Techniques electronic instrument systems	X	X	X	X
6	Materials and hardware	X	X	X	X
7	Maintenance Practices	X	X	X	X
8	Basic Aerodynamics	X	X	X	X
9	Human Factors	X	X	X	X
10	Aviation Legislation	X	X	X	X
11	Aeroplane aerodynamics, structures and systems	X	X		
12	Helicopter aerodynamics, structures and systems			X	X
15	Gas turbine engine	X		X	
16	Piston engine		X		X
17	Propeller	X	X		



**Queensland  
Government**



 /AviationAustralia  
 @AviationAust  
 AviationAust  
 www.aviationaustralia.aero  
 +617 3860 0900  
 industry.info@aviationaustralia.aero