



Australian Government
Civil Aviation Safety Authority

Airworthiness Advisory Circular (AAC)

Aircraft Maintenance Engineer (AME) Licensing Examinations

AAC Number: Part 9-1
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Status of this AAC

This AAC has been revised to update the recent change of name of the external agency responsible for the conduct of exams, i.e. from ASL to the parent company, Aspeq. All previous references to ASL throughout this document have been changed to Aspeq.

General

Changes have been made to the way CASA delivers its examinations for Aircraft Maintenance Engineers (AME).

People can continue to sit the CASA basic exams and use Schedules of Experience (SOE) to obtain a small aircraft maintenance licence until 03 July 2020.

The decision made by CASA to continue the CASA AME examinations until 03 July 2020 is enabled by changes to Part 66 of the [Civil Aviation Safety Regulations 1998 \(CASR\)](#) and the [Part 66 Manual of Standards \(MOS\)](#).

To support this, CASA has moved to an online examination system which is now administered and conducted by Aspeq. CASA will retain responsibility for the AME examination syllabus content and question development.

Aspeq will host the examinations a minimum of six times a year at multiple locations around Australia. In locations where the provision of AME examinations aligns with the provision of pilot examinations, the AME examinations will be held more frequently. All examination applications and enquiries are made online and external to CASA.

For more details on AME exam sitting dates or to book an exam, visit the eAssessment and learning services for AME's online booking and results portal: <https://casaame.aspeqexams.com>

AME examinations

One of the conditions of eligibility to apply for an AME is to complete examinations that relate to the type of licence category being sought. Examinations are designed to ensure that an individual has the level of technical skill and legislative knowledge to hold a Part 66 licence.

CASA examinations will result in a non-type rated aircraft licensing outcome, or exclusion removal from a category or sub-category licence or exclusion removal from a type rating held.

Further information is available in [AAC Part 9 - AME Licensing](#).

Core exams cover theory, laws, principles and practices relating to each licence category. Applicants for AME licences must understand these subjects before they can be expected to understand how aircraft systems function. Core examinations are also known as "Basic Examinations".

Examination sittings

Note: CASA examinations will result in a non-type rated aircraft licensing outcome or exclusion removal from a category or sub-category licence or exclusion removal from a type rating held.

For specific information regarding examination times and dates please refer to the Aspeq website: <https://casaame.aspeqexams.com>.

An applicant for the Weight Control Authority (WCA) examinations must successfully complete a course of training in aircraft weight control and provide acceptable evidence of this training when submitting an application for the WCA examinations.

Availability of AME category technical competency (CTC) examinations

CASA CTC examinations for Australian Defence Force (ADF) and foreign licence holders are no longer available. Foreign licence holders seeking a CASA Part 66 licence need to contact a CASA approved Part 147 Maintenance Training Organisation (MTO) for an assessment that can lead to a CASA Part 66 licence. A list of CASA approved Part 147 MTO's can be found on the CASA website in Part 1 of Advisory Circular [AC 147-02](#) — Approved Part 147 training organisations.

1) Lodging examination applications

Applications for AME exams can be lodged via the Aspeq website: <https://casaame.aspegexams.com>.

After registering, applications for CASA basic examinations can be submitted in accordance with the guidance contained within the site.

2) Payment for AME examinations

Payment for AME examinations may be made in line with guidance found in the Aspeq process.

Refund policy

Refunds will only be available in line with guidance found in the Aspeq terms and conditions.

3) Examination failure penalties

Applicants who fail an examination may reapply for that examination at the next available sitting. If an applicant fails an examination three consecutive times, the applicant will be ineligible to re-sit the examination for a period of eight weeks from the date of the last unsuccessful attempt. This is an automated lockout period within the Aspeq examination booking system. The pause in eligibility is to provide a period of time for the applicant to study and refresh relevant topic information prior to re-sitting the examination.

4) “Special” AME examination sittings

“Special” AME examination sittings are generally not available although organisations can register to run group examination bookings. Enquiries relating to this issue should be sent via email to infoau@aspeq.com.

5) Re-mark of examinations

If requesting a re-mark of an examination, applicants are required to pay a fee. This fee will be dependent on the guidance on the Aspeq website.

If an applicant identifies any discrepancies with questions and/or responses, they are encouraged to make comments against the applicable questions in accordance with Aspeq guidance. If subsequently failing an examination and requesting a re-mark, these comments will be used to determine, if required, where marks need to be adjusted.

Applicants for a re-mark who achieve a pass as a result of this process will have the re-mark fee refunded.

6) Requests for cancellations of AME examination applications

Candidates should check the terms and conditions of Aspeq with regards to cancellations.

7) Examination centres

For address details of the examination centres used for the CASA basic examinations, please refer to the Aspeq website <https://aslau.aspeqexams.com> and select exam venue locations.

8) Airworthiness Administration (AA) – examination guidance

Parts 42, 66, 145 and 147 of the CASR 1998 are now included in the AA Syllabus. Other topics in the AA syllabus include:

- How to read the CASR – CAR 2C
- [Civil Aviation Act](#) 1988
- [Civil Aviation Regulations](#) 1988
- [Civil Aviation Safety Regulations](#) 1998
- [Manuals of Standards](#) (MOS) Parts 66, 145 and 147

CASA documents that also provide guidance to industry include:

- [Airworthiness Bulletins](#) (AWB)
- [Civil Aviation Advisory Publications](#) (CAAP)
- [Civil Aviation Orders](#) (CAO)
- [Airworthiness Advisory Circulars](#) (AAC)
- [Advisory Circulars](#) (AC)
- [Acceptable Means of Compliance and Guidance Material](#) (AMC & GM) Part 42, Part 66, Part 145 and Part 147.

All licensed aircraft engineers should be aware of these provisions and documents.

The following topics will form the basis of the CASA AA examination:

The following topics outline the areas of the relevant documentation that you will need to be familiar with in line with your expected role as a Licensed Aircraft Maintenance Engineer (LAME).

You need to have an understanding of the 'general' roles of CASA, EASA and ICAO, and the history, roles and relationships of each entity and the structure of current legislation that empowers CASA to conduct its role.



You should have a general understanding of the following CAOs: Part 101 — Airworthiness Civil Aviation Orders, Part 103 — Equipment Standards, and Part 108 — Process Control and Specifications, and their relation to you as an aircraft maintainer.

Be aware that Regulations 1, 2, 2B, 3, 4, 5, 5A, 6 and 6A of the CAR 1988 should be included in your study package as they apply across all topics.

1. Certification and airworthiness requirements for aircraft and parts

CAR 1988: regulation 2, Division 4 of Part 4A

CASR 1998: Part 21, Subparts 21A, 21B, 21C, 21D, 21E, 21H, 21M, Parts 23, 25, 27, 29, 39 and 47

Civil Aviation Orders: Part 101.

2. Certificates of Airworthiness

CAR 1988: regulations 2 and 2A

CASR 1998: Subparts 21B, 21H and 21M, Part 23, Subpart 11BA

Civil Aviation Orders: Part 101.

3. Maintenance requirements and Airworthiness Directives (ADs)

Civil Aviation Act: Section 20AB

CASR 1998: Part 39

CAR 1988: regulations 2A, 38, 39, 41, 42G, 42U, 42V, 42W, 42X, 42Y, 42Z, 42ZA, 42ZB, 42ZC, 42ZD, 42ZQ, 42ZR, 42ZS, 42ZT, 42ZU, 42ZV, 50E and 50F, Schedule 5, Schedule 8 and Schedule 9

Civil Aviation Orders: 100.5 and 100.7.

4. Systems of maintenance, including alternatives

CAR 1988: regulations 2, 38, 39, 40, 41, 42, 42A, 42B, 42C, 42D, 42E, 42F, 42H, 42J, 42K, 42L, 42M, 42N, 42P, 42Q, 42R, 42S, 42T, 42ZC, 42ZQ, 42ZR, 42ZS, 42ZT, 42ZU and Schedule 5

CASR 1998: Part 42

Civil Aviation Orders: 100.5.

5. Records, including CASA log book

CAR 1988: regulations 42G, 42ZY, 50A, 50B, 50C and 50D

CASR 1998: Subpart 21.L and Subpart 42.H

Civil Aviation Orders: 100.5 and 100.7.

6. Certification of completion of maintenance

CAR 1988: regulations 42ZE, 42ZF, 42ZG, 42ZH, 42ZJ, 42ZK, 42ZL, 42ZM, 42ZN, 42ZP, 42Q, 42ZV, 42ZC, 42ZY, Part 4B and Schedule 6

CASR 1998: Part 66 and Subpart 42.H.

7. Defects and defect reporting

CAR 1988: regulations 47, 48, 50, 51, 51A, 51B, 52, 52A, 52B and 53

CASR 1998: Division 42.D.6 of Subpart 42.D, CASR Dictionary.

8. Use of components/material in aircraft

CAR 1988: regulations 2A, 42W, 42WA, 42X, 42Y, 42Z and 42ZA

Civil Aviation Orders: 100.5 and Part 108.

9. Maintenance Releases

CAR 1988: regulations 43, 43A, 43B, 44, 45, 46, 47, 48, 49, 50, 50F, 133 and 139

CASR 1998: Part 66, Division 42.D.6 of Subpart 42.D, Subpart 21.H

Civil Aviation Orders: 100.5 and 100.7.

10. Flight manuals, permissible unserviceabilities, and conditions and equipment levels to be met before flight

CAR 1988: regulations 2, 37, 43, 49, 82, 133, 138, 139, 174A, 174D, 177, 179A, 206, 207 and 235

Civil Aviation Orders: 20.4, 20.7.1B, 20.18, 100.7, Part 103 and Part 108.

11. Certificates of Approval

CAR 1988: regulations 29A, 30, 30A, 42W and Schedule 7

Civil Aviation Orders: 100.5 and 104.0

Part 147 Manual of Standards.

12. AME Licensing and Maintenance Authorities (MA)

CASR 1998: Part 66

CAR 1988: regulations 32, 33 and 33B

Civil Aviation Orders: 100.23, 100.24, 100.90, 100.91, 100.92, 100.93, 100.94 and 100.95

Part 66 Manual of Standards.

13. Miscellaneous: engine running; taxiing of aircraft; use of radios; precautions when fuelling; changes to licences/authorities and certificates; obstruction and interference; false statements; application for licence; cheating in examinations; change of address; surrender of documents; production of licences and access of authorised persons

CAR 1988: regulations 43A, 83, 212, 213, 214, 229, 230, 231, 263, 265, 269, 270, 272A, 282, 298A, 298B, 298C, 298D, 298E, 301, 302, 303 and 305

Civil Aviation Orders: 100.7, 20.9, 20.10 and 20.22.

14. General roles of CASA, EASA and ICAO

Civil Aviation Act: sections 11 and 28AA

CAR 1988: regulations 2, 30 and 42

CASR 1998: Part 66, Part 145 and Part 147

ICAO: Annex 1 — Personnel Licensing and Annex 8 — Airworthiness of Aircraft.

9) CASA Licensing and Registration Centre (CLARC)

For help or assistance phone AME licensing on 1300 737 032 (follow the prompts to AME licensing).