



Australian Government

Civil Aviation Safety Authority

Instrument number CASA 203/14

I, JOHN FRANCIS McCORMICK, Director of Aviation Safety, on behalf of CASA, make this instrument under subsection 6 of Civil Aviation Order 100.92 (**CAO 100.92**) and subsection 33 (3) of the *Acts Interpretation Act 1901*.

[Signed John F. McCormick]

John F. McCormick
Director of Aviation Safety

21 August 2014

Specification — examinations for aircraft maintenance engineer licence category engines

1 Commencement

This instrument commences on the day after registration.

2 Repeal

- (1) Instrument CASA 287/06, also known as F2006L03274, is repealed.
- (2) Instrument CASA 287/06 as amended, also known as F2010C00101, is repealed.

3 Specification — examinations for licence or additional ratings

For subsection 6 of CAO 100.92, the examinations mentioned in Schedule 1 are specified for the grant of a licence, or endorsement of additional ratings for a specific aircraft type, for the category engines.

Schedule 1 Examinations for category engines

1 Core subject examinations

- (1) The core subject examinations for a licence group in table 1 of this Schedule (**table 1**) are indicated by the symbol * in the column for the licence group.
- (2) The additional core subject examinations for each of licence groups 21 and 22 in table 1 for a specific aircraft type are indicated by the symbol # in the column for the licence group.
- (3) For licence groups 21 and 22 in table 1, a candidate must pass the core subject examinations in the piston engines and propellers (code **GA**, **GB** and **GC**), or the gas turbine engines and propellers (if any) (code **GC**, **GG** and **GH**), that are installed on the specific aircraft type for which the rating is sought.

2 Specific group subject examinations

- (1) The specific group subject examinations for a licence group in table 1 are indicated by the symbol * in the column for the licence group.
- (2) Subject to subclause (3), the specific group subject examinations for licence groups 21 and 22 in table 1 for a specific aircraft type are indicated by the symbol # in the column for the licence groups.
- (3) For licence groups 21 and 22 in table 1, a candidate must pass the specific group subject examinations in the supercharging systems (code **GF**) (if any) that are installed on the specific aircraft type for which the rating is sought.

3 Specific aircraft type examinations

The specific aircraft type examinations for licence groups 21 and 22 in table 1 are those:

- (a) indicated by the symbol # in the column for the licence groups; and
- (b) comprising an assessment of the assembly, functioning and principles of construction of, and the methods and procedures for the maintenance of, the engine category of the specific aircraft type.

4 Credits and waivers

- (1) A person is not required to pass the examination in electrical and instrument systems (code **BC**) for a licence group if the person holds a credit for passing each of the following examinations for the licence group:
 - (a) Aircraft general instruments – I (code **IA**);
 - (b) Aircraft general instruments – II (code **IZ**);
 - (c) General electrical systems (code **EB**).

Note The examination coded EB is prescribed in the Specification under CAO 100.94 for category electrical. The examinations coded IA and IZ are prescribed in the Specification under CAO 100.95 for category instruments.

- (1A) A person is not required to pass the examination in Airworthiness administration (code **AA**) for a licence group if:
 - (a) the person has knowledge of Module 10, Aviation Legislation, in Part 3, Appendix I of the Part 66 Manual of Standards (**MOS**); and
 - (b) the person has demonstrated the knowledge by successful examination conducted by a Maintenance Training Organisation (**MTO**) in accordance with paragraph 66.A.25 (b) of the Part 66 MOS.

Note CASA approval is dependent on CASA's satisfaction that, through Module 10, the MTO can train and examine in the comprehensive specifics of Airworthiness administration (code **AA**) for the licence group.

- (2) CASA may waive the requirement for the written examination (code **GS**) mentioned in table 1 for a specific aircraft type if:
 - (a) the specific aircraft type is so similar to another aircraft type for which the applicant already holds the category engines rating that the applicant may be taken to have adequate knowledge of the engines category for the specific aircraft type; and
 - (b) the safety of air navigation will not be affected by the waiver.

- (3) CASA may waive the requirement for the oral examination (code **GO**) mentioned in table 1 for a specific aircraft type if:
- (a) the person obtains, and records in a schedule of experience, appropriate practical experience on the aircraft type; and
 - (b) the safety of air navigation will not be affected by the waiver.

5 Definition

In this Schedule:

specific aircraft type includes the specific engine type installed in the specific aircraft type for which the rating is sought.

Table 1 — Examinations for category engines

| <i>Examinations</i> | <i>Code</i> | <i>Licence groups</i> | | | | |
|--|-------------|-----------------------|---|---|----|----|
| | | 1 | 2 | 3 | 21 | 22 |
| <i>Core subjects</i> | | | | | | |
| Airworthiness administration | AA | * | * | * | * | * |
| Maintenance practices and materials | BA | * | * | * | * | * |
| Aerodynamics and mechanical controls | BB | * | * | * | * | * |
| Electrical and instrument systems | BC | * | * | * | * | * |
| Piston engine theory and construction | GA | * | * | * | # | # |
| Piston engine systems | GB | * | * | * | # | # |
| Propellers | GC | * | | | # | |
| Gas turbine engine theory and construction | GG | | | | # | # |
| Gas turbine engine systems | GH | | | | # | # |
| <i>Specific group subjects</i> | | | | | | |
| Aeroplane piston engine installation, operation and maintenance | GD | * | | | | |
| Helicopter piston engine installation, operation and maintenance | GE | | * | | | |
| Supercharging systems | GF | | | * | # | # |
| <i>Specific aircraft type</i> | | | | | | |
| Written | GS | | | | # | # |
| Oral | GO | | | | # | # |

Note 1 The code is an abbreviation for examination administration purposes.