



# **CIVIL AVIATION SAFETY AUTHORITY OF PNG**

## **PNG Civil Aviation Rule Part 66**

### **Aircraft Maintenance Engineer Licensing**

Applicable 14 December 2020

## DESCRIPTION

The purpose of Part 66 is to prescribe rules applicable to individuals or maintenance engineers who wish to conduct aircraft maintenance or airworthiness inspections and exercise certifying privileges within the PNG civil aviation system. Specifically, the rules provide for the following:

- Aircraft maintenance engineer licence: The entry level qualification for the performance of maintenance on aircraft:
- Aircraft maintenance engineer type or group ratings: The individual qualifications that specify the expertise of the holder of the aircraft maintenance engineer licence and provide certification privileges on certain aircraft types:
- Aircraft maintenance specialist certificates: A certificate that provides specific privileges and responsibilities on senior licence holders to perform specialist maintenance activities.
- Certificate of inspection authorisation: A certificate that provides additional privileges and responsibilities on senior licence holders that included certification of Annual Reviews of Airworthiness and conformity of major modifications and repairs

Part 66 aligns with:

- Amendment 175 of Annex 1

## BULLETIN

This Part first came into force on 1 January 2004 and now incorporates the following amendments:

<b>Amendment</b>	<b>Effective Date</b>
Amendment 1	1 May 2016
Amendment 2	4 December 2019
Amendment 3	14 December 2020

### *Summary of amendments:*

#### ***Amendment 3:***

(Docket 20/08/CAR66/13)

Rule 66.3 amended. Deleted definition of production non type certificate aircraft, as not applicable in PNG.

Rule 66.5 amended. Added 2 new certificates to the list of Part 66 credentials to be issued.

Rule 66.57(d) amended. Deleted lighter-than-air category of license as not applicable in PNG.

Rule 66.57(e) amended renumbered 66.57(d).

Rule 66.153 amended. Deleted reference to AMS-3 credential as not applicable in PNG.

Rule 63.155 minor editorial amendments.

Rule 66.157(a) amended to specify new requirements for Part 141 AME ATO student AMS-1 credentials.

Rules 66.157 (c) and 66.163 – deleted all references to AMS-3 credential as not applicable to PNG.

Rule 66.157(e) amended delete reference to Airworthiness Management as not applicable in PNG.

Rules 66.157 (d),(e) renumbered (c),(d).

Rule 66.159 (a) amended to reflect new privileges and limitations of AMS-1 holders.

Rule 66.159 (c) amended. Deleted reference to AMS-3 due not applicable in PNG.

Rules 66.159 (d),(e) renumbered (c),(d).

Rules 66.161(a) and 66.163(c). Deleted reference to AMS-3 due as applicable in PNG.

Rules 66.163 (d),(e) renumbered (c),(d).

Subpart F inserted. New Subpart and requirements for Certificate of Examiner Authorisation.

Subpart G inserted. New Subpart and requirements for Certificate of Instructor Authorisation

Subpart F amended. Retitled as Subpart H.

Subpart G amended. Retitled as Subpart I.

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## Subpart A — General

### 66.1 Purpose

This Part prescribes rules governing—

- (1) the issue and renewal of aviation maintenance licences, ratings and certificates; and
- (2) the privileges and limitations of those licences, ratings and certificates.

### 66.3 Definitions

**Airworthiness legislation examination** means the written examination which tests the applicant's knowledge of the applicable civil aviation rules related to the duties and responsibilities of a licensed aircraft maintenance engineer, or where required, a holder of an aviation maintenance specialist certificate.

### 66.5 Licences and certificates

The following licences, ratings and certificates, are issued under this Part:

- (1) aircraft maintenance engineer licences in one or more of the following categories:
  - (i) aeroplane:
  - (ii) rotorcraft:
  - (iii) powerplant:
  - (iv) electrical:
  - (v) instrument:
  - (vi) radio:
  - (vii) lighter than air aircraft:
- (2) group ratings in the groups listed in Appendix B;
- (3) aviation maintenance specialist certificates;
- (4) certificates of inspection authorisation;
- (5) aircraft and component ratings.
- (6) certificates of examiner authorisation;
- (7) certificates of instructor authorisation;

### 66.6 Specifications for Licences

An Aircraft Maintenance Engineer licences issued under this Part must contain:

- (1) Name of the Issuing State; and
- (2) Title of Licence; and
- (3) Licence number: and

- (4) Full name of the Licence holder: and
- (5) Licence holder's date of birth; and
- (6) Licence holder's address; and
- (7) Licence holder's nationality; and
- (8) Signature of the Licence holder; and
- (9) Authority and conditions under which the licence is issued; and
- (10) Certification concerning validity and authorisation for holder to exercise privileges; and
- (11) Signature of the Officer issuing the licence and the date of such issue; and
- (12) Seal or stamp of Authority issuing the licence; and
- (13) Ratings and endorsements; and
- (14) Remarks on ratings and endorsements and other information required by Article 39 to the Convention.

### **66.7 Issue of licences, ratings and certificates**

- (a) An applicant is entitled to a licence, rating or certificate, issued by the Director under this Part if the Director is satisfied that—
  - (1) the applicant is a fit and proper person; and
  - (2) the applicant has sufficient ability in reading, speaking, and understanding the English language to enable that person to carry out the responsibilities of the holder of that licence, rating or certificate; and
  - (3) the applicant meets the eligibility requirements in the appropriate Subpart for the licence, rating or certificate; and
  - (4) the granting of the certificate or licence is not contrary to the interests of aviation safety.

### **66.9 Acceptance of foreign licences**

- (a) An applicant for the grant of a licence, rating or certificate, issued by the Director under this Part may apply for acceptance of a foreign license or certificate issued by the engineering licensing authority of the following countries or authorities if at the time of application, the requirements of paragraph (c) are satisfied:
  - (1) Australia
  - (2) New Zealand
  - (3) Canada
  - (3) United Kingdom
  - (4) EASA States acceptable to the Director
  - (5) Japan
  - (6) Singapore

- (7) PASO States
- (8) Other States acceptable to the Director
- (b) An applicant for acceptance of a foreign licence or certificate under this Part must be made on form CA61/02.
- (c) An applicant for acceptance of a foreign licence must provide the Director with-
  - (1) a certified copy of the applicant's foreign license:
  - (2) evidence of passing the Airworthiness Legislation examination as required by 66.57(a):

### **66.11 Examinations**

- (a) An applicant for the grant of a licence, rating, or certificate under this Part must—
  - (1) for any examination, produce written proof of personal identity; and
  - (2) for a written examination, gain at least 75% of the possible marks in order to pass; and
  - (3) for an oral examination, demonstrate satisfactory working knowledge of the subject being tested.
- (b) A pass in a written subject is valid for the lifetime of the holder except for a written pass in Airworthiness Legislation which lapses after 2 years and must be re-sat if a licence has not been issued in that 2-year period.

### **66.13 Re-examination of maintenance personnel licences and certificates**

The Director may re-examine orally, in writing, or both, the holder of a licence, rating or certificate issued under Part 66 if the Director considers that such action is necessary to establish the holder's competency. As a result of any such re-examination the Director may vary the conditions attached to, or suspend or revoke, the licence, rating or certificate.

### **66.15 Cheating or other unauthorised conduct**

- (a) During any examination required by this Part, a person must not—
  - (1) copy from another person; or
  - (2) use any unauthorised equipment; or
  - (3) refer to any unauthorised source of information; or
  - (4) communicate in any way with anyone other than the conducting officer; or
  - (5) take an examination on behalf of anyone else; or
  - (6) remove material from the examination venue; or
  - (7) record any examination, in whole or in part, by electronic means.
- (b) A person who fails to adhere to the requirements in paragraph (a) may be subject to any or all of the following actions as the Director may determine:
  - (1) failure in that subject:

- (2) disqualification of any or all subjects already passed:
- (3) debarment from sitting further examinations under the Civil Aviation Rules for up to 12 months:
- (4) suspension or revocation of any licence, certificate, or rating issued to that person under this or any other Part of the Civil Aviation Rules, in accordance with sections 53, 54, and 55 of the Act.

### **66.17 Offences involving alcohol or drugs**

A conviction for any offence relating to alcohol or drugs, including a refusal to submit to any lawful test for alcohol or drugs, shall be relevant for determining whether a person is, or remains, fit and proper to hold a licence or certificate. Such conviction may result in a refusal to grant a licence or certificate, or suspension or revocation of the licence or certificate.

### **66.19 Reserved**

### **66.21 Production of licence or certificate**

- (a) The holder of a licence or certificate must on request of the Director, produce that licence or certificate for inspection as soon as practicable.
- (b) The licence or certificate holder's signature must be entered on that licence or certificate.

## **Subpart B — Aircraft Maintenance Engineer Licence**

### **66.51 Purpose**

This Subpart prescribes rules governing the grant of an aircraft maintenance engineer licence and the privileges, limitations, and recent experience requirements of that licence.

### **66.53 Reserved**

### **66.55 Application**

- (a) An applicant for the grant of an aircraft maintenance engineer licence or an additional licence category must complete form CA 66/01 and submit the form to the Director with a payment of the appropriate application fee prescribed by regulations made under the Act.
- (b) In addition to a completed form CA 66/01, an applicant must provide the Director with:
  - (1) documents which provide evidence of the training, qualifications and experience stated on the form; and
  - (2) where recognition of a foreign licence or qualification is being sought as provided for in 66.57(c), a copy of that licence or qualification and if that document is not in English and/or is coded, a translation into English and/or an explanation of the codes used; and

- (3) any further particulars relating to the applicant as may be required by the Director.

### 66.57 Eligibility requirements

- (a) To be eligible for the grant of an aircraft maintenance engineer licence, a person shall—
- (1) be at least 21 years of age; and
  - (2) have passed written examinations, relevant to the duties and responsibilities of an aircraft maintenance engineer in the following subject areas: -
    - (i) *Air Law*: rules and regulations; and
    - (ii) *Natural science and aircraft general knowledge*: basic mathematics; units of measurement; fundamental principles and theory of physics and chemistry applicable to aircraft maintenance; and
    - (iii) *Aircraft engineering*: characteristics and applications of the materials of aircraft construction including principles of construction and functioning of aircraft structures, fastening techniques; engines and their associated systems; mechanical, fluid, electrical and electronic power sources; aircraft instrument and display systems; aircraft control systems; and airborne navigation and communication systems; and
    - (iv) *Aircraft maintenance*: tasks required to ensure the continuing airworthiness of an aircraft including methods and procedures for the overhaul, repair, inspection, replacement, modification or defect rectification of aircraft structures, components and systems in accordance with the methods prescribed in the relevant Maintenance Manuals and the applicable Standards of airworthiness; and
    - (v) *Human performance* including principles of Threat and Error Management, relevant to aircraft maintenance.
- (b) A person is eligible for the grant of an aircraft maintenance engineer licence if that person—
- (1) has satisfactorily completed one of the following:
    - (i) a traineeship in an aviation technical trade, of forty-eight months of practical aviation related experience, including formal technical training with the procedures, practices, materials, tools, machine tools, and equipment generally used in constructing, maintaining, or modifying airframes, powerplants, or avionic systems and equipment, gained at any time; or
    - (ii) a traineeship in an appropriate non-aviation technical trade, and thirty-six months of practical aviation related experience with the procedures, practices, materials, tools, machine tools, and equipment generally used in constructing, maintaining, or modifying airframes, powerplants, or avionic systems and equipment, gained following completion of the traineeship; or
    - (iii) a total of sixty months of practical aviation related experience with the procedures, practices, materials, tools, machine tools, and equipment generally used in constructing, maintaining, or modifying airframes, powerplants, or avionic systems and equipment; or
    - (iv) a course of integrated training, including at least thirty-six months of supervised training and experience, conducted by the holder of an aviation training

organisation certificate issued under Part 141 that authorises the conduct of such a course; and

- (2) for each option in paragraph (b)(1), 24 months of the experience required shall be appropriate to the category of licence sought; and
  - (3) has passed written examinations acceptable to the Director relevant to the category of licence sought.
- (c) A person holding a foreign licence is eligible for the grant of an aircraft maintenance engineer licence in the appropriate categories if—
- (1) the foreign licence held;
    - (i) is current and complies with the requirements of ICAO Annex 1; and
    - (ii) was issued by a Contracting State accepted by the Director as meeting equivalent standards for licence issue; or
  - (2) the holder of the foreign licence has passed examinations, or otherwise gained qualifications, appropriate to the category of licence sought, acceptable to the Director.
- (d) The holder of an aircraft maintenance engineer licence is entitled to an additional category of licence if the holder has passed the applicable examinations required by paragraph (a)(2) and has completed-
- (i) 24 months of experience appropriate to the category of licence sought; or
  - (ii) 12 months of experience appropriate to the category of licence sought if the applicant has exercised the privileges of an aircraft maintenance engineer licence for 10 or more years.

### **66.59 Privileges and Limitations**

- (a) Subject to paragraph (b) and (c) and the requirements of rule Part 145.111, an aircraft maintenance engineer licence authorises the holder to—
- (1) perform or supervise the maintenance of an aircraft, aircraft component or item of equipment; and
  - (2) release an aircraft, aircraft component or item of equipment to service after maintenance has been performed.
- (b) The holder of an aircraft maintenance engineer licence shall not exercise the privileges of that licence on an aircraft or component unless that person is familiar with the aircraft or component and-
- (1) holds the applicable group or type rating specified in Appendix B for that aircraft, aircraft component or item of equipment; or
  - (2) the privileges are additional privileges specified in Appendix C.
- (c) The holder of an aircraft maintenance engineer licence shall not exercise the additional privileges specified in Appendix C that require the use of special test equipment unless the holder has evidence that they have received training on the use of that equipment.

### **66.61 Duration of licence**

An aircraft maintenance engineer licence issued under this Part shall be valid for the lifetime of the holder unless it is suspended or revoked in accordance with the Act.

### **66.63 Recent experience requirements**

The holder of an aircraft maintenance engineer licence must not exercise the privileges of the licence unless that person—

- (1) has within the immediately preceding 24 months, for a period of at least 6 months—
  - (i) exercised the privileges of that licence; or
  - (ii) exercised the privileges of a foreign licence accepted by the Director as equivalent to the privileges granted by a PNG licence; or
  - (iii) supervised the maintenance of aircraft relevant to the ratings held in an executive capacity directly involving the management or control of aircraft maintenance; or
  - (iv) performed a technical training function acceptable to the Director in a certificated training organisation relevant to the ratings held; or
  - (v) performed an airworthiness or maintenance function accepted by the Director as equivalent to the exercise of privileges of a licence; or
  - (vi) has been engaged in any combination of subparagraphs (i) through (v); and
- (2) if required by the Director, has been successfully re-examined on Airworthiness Management; and
- (3) if required by the Director, has provided certified evidence of compliance with paragraph (1); and
- (4) is familiar with the aircraft or component; and
- (5) holds the applicable rating specified in Subpart C for that aircraft or rating.

## **Subpart C — Aircraft Maintenance Engineer Licence Ratings**

### **66.101 Purpose**

This Subpart prescribes the rules governing the grant of an aircraft maintenance engineer licence group ratings and aircraft maintenance engineer type ratings.

### **66.103 Reserved**

### **66.105 Application**

- (a) An applicant for the grant of an aircraft maintenance engineer licence rating must complete form CA 66/02 and submit the form to the Director with a payment of the appropriate application fee prescribed by regulations made under the Act.
- (b) In addition to a completed form CA 66/02, an applicant must provide the Director with—
  - (1) documents which provide evidence of the training, qualification and experience stated on the form; and

- (2) where recognition of a foreign qualification is being sought as provided for in 66.107(4) or (5), if that document is not in English and/or is coded, a translation into English and/or an explanation of the codes used; and
- (3) any further particulars relating to the application as may be required by the Director.

### **66.107 Eligibility requirements**

To be eligible for the grant of an aircraft maintenance engineer licence rating a person must—

- (1) hold a current aircraft maintenance engineer licence; and
- (2) have completed 6 months' practical experience on the type or group of aircraft or components for which the rating is sought; and
- (3) have successfully completed examinations acceptable to the Director; or
- (4) have successfully completed a course of training relevant to the type of aircraft or components for which the rating is sought—
  - (i) conducted by the holder of an aviation training organisation certificate issued under Part 141 which authorises the conduct of such a course; or
  - (ii) conducted by the holder of an aircraft maintenance organisation certificate issued under Part 145 with an E1 rating; or
  - (iii) conducted by the manufacturer of the applicable aircraft or component; or
  - (iv) approved by the competent authority of a Contracting State and acceptable to the Director as meeting equivalent standards for rating issue; or
- (5) have held a rating issued by a Contracting State acceptable to the Director as meeting equivalent standards for rating issue; or
- (6) hold or have held a licence that complies with the requirements of ICAO Annex 1 issued by a Contracting State accepted by the Director as meeting standards equivalent to 66.57 for licence issue and while that licence is or was valid, hold or have held a foreign company authorisation provided—
  - (i) that within the last 2 years before making application, the person exercised privileges under the authorisation accepted by the Director as equivalent to those prescribed under 66.111; and
  - (ii) documentary evidence is provided to the Director of any training necessary for the grant of that authorisation; and
  - (iii) if the person no longer holds the foreign company authorisation, that it was not cancelled or revoked for any reason involving breach of requirements on that person's part and where required by the Director, supporting evidence to that effect is provided.

### **66.109 Reserved**

### **66.111 Privileges**

- (a) A group rating authorizes the holder of an aircraft maintenance engineer licence to exercise the privileges of that licence on any aircraft or component falling within the definition of the applicable group in Appendix B.

- (b) Subject to the requirements in rule Part 145.111, a type rating authorizes the holder of an aircraft maintenance engineer licence to exercise the privileges of that licence on the type of aircraft or component specified on the rating.

## **Subpart D — Aviation Maintenance Specialist Certificate**

### **66.151 Purpose**

This Subpart prescribes rules governing the issue of an aviation maintenance specialist certificate and the privileges and limitations of that certificate.

### **66.153 Classes of certificate**

An aviation maintenance specialist certificate may be granted in one of five classes: AMS-1, AMS-2, AMS-4 and AMS-5.

### **66.155 Application**

- (a) An applicant for the grant of an aviation maintenance specialist certificate must complete form CA 66/03 and submit the form to the Director with a payment of the appropriate application fee prescribed by regulations made under the Act.
- (b) In addition to a completed form CA 66/03, an applicant must provide the Director with—
- (1) documents which provide evidence of the training, qualifications and experience stated on the form; and
  - (2) any further particulars relating to the applicant as may be required by the Director.

### **66.157 Eligibility requirements**

- (a) To be eligible for the grant of a class AMS-1 aviation maintenance specialist certificate, a person shall—
- (1) be at least 18 years of age; and
  - (2) have passed at least 3 written examinations, relevant to the duties and responsibilities of an aircraft maintenance engineer prescribed under 66.57(a)(2); and
    - (i) have successfully completed a course of training, including at least 24 months of supervised training and experience, conducted by the holder of an aviation training organisation certificate issued under Part 141 that authorises the conduct of such a course.
- (b) To be eligible for the grant of a class AMS-2 aviation maintenance specialist certificate, a person shall—
- (1) be at least 18 years of age; and
  - (2) hold qualifications, or demonstrate knowledge and skills acceptable to the Director, appropriate to the tasks to be performed under the authority of the certificate; and

- (3) be actively engaged in duties which require that person to hold an AMS-2 certificate.
- (c) To be eligible for the grant of a class AMS-4 aviation maintenance specialist certificate, a person shall
  - (1) hold a licence issued under this Part; and
  - (2) satisfy the examination, training or foreign equivalence requirements of 66.107 for the grant of a rating under this Part.
- (d) To be eligible for the grant of a class AMS-5 aviation maintenance specialist certificate, a person shall—
  - (1) be at least 18 years of age; and
  - (2) produce evidence that he or she meets at least the medical standards of 66.17; and
  - (3) have passed the Airworthiness Legislation examinations; and
  - (4) hold qualifications, or demonstrate knowledge and skills acceptable to the Director, appropriate to the tasks to be performed under the authority of the certificate.

### **66.159 Privileges and limitations**

- (a) An AMS-1 class aviation maintenance specialist certificate authorizes the holder to perform maintenance on aircraft or component for which the holder does not have the practical experience required by rule 66.57(b)(2) for the grant of an aircraft maintenance engineer licence in the category sought.
- (b) An AMS-2 class aviation maintenance specialist certificate authorises the holder to perform and certify specific maintenance tasks and processes for which the certificate is endorsed.
- (c) An AMS-4 class aviation maintenance specialist certificate authorises the holder of an aircraft maintenance engineer licence to perform maintenance on, and certify for release to service, an aircraft or component for which the certificate holder does not have the practical experience required by rule 66.107 for the grant of an aircraft specific type rating.
- (d) An AMS-5 class aviation maintenance specialist certificate authorises the holder to perform maintenance on, and release to service, gliders or microlight aircraft for which the certificate is endorsed.

### **66.161 Duration of certificate**

- (a) An AMS-1, AMS-2 and AMS-5 aviation maintenance specialist certificate issued under this Part shall be valid for the lifetime of the holder unless it is suspended or revoked in accordance with the Act.
- (b) An AMS-4 aviation maintenance specialist certificate issued under this Part shall remain valid until the expiry date stated on the certificate.

### **66.163 Conditions of validity**

- (a) The holder of an AMS-1 aviation maintenance specialist certificate must not exercise the privileges of the certificate unless that person has—
  - (1) within the immediately preceding 24 months, for a period of at least 6 months exercised the privileges of the certificate; and

- (2) if requested by the Director, provided certified evidence of compliance with paragraph (1); and
  - (3) continued to be familiar with all information necessary to exercise the privileges of the certificate.
- (b) The holder of an AMS-2 aviation maintenance specialist certificate must not exercise the privileges of the certificate unless that person has—
- (1) maintained competency in exercising those privileges; and
  - (2) if requested by the Director, provided certified evidence of compliance with paragraph (1); and
  - (3) continued to be familiar with all information necessary to exercise the privileges of the certificate.
- (c) The holder of an AMS-4 aviation maintenance specialist certificate must not exercise the privileges of the certificate unless that person—
- (1) continues to comply with the conditions and limitations of the certificate; and
  - (2) has exercised the privileges of the certificate on a continuous basis since the certificate was granted.
- (d) The holder of an AMS-5 aviation maintenance specialist certificate must not exercise the privileges of the certificate unless that person continues to perform maintenance of gliders or microlight aircraft.

## Subpart E — Certificate of Inspection Authorisation

### 66.201 Purpose

This Subpart prescribes rules governing the grant of a certificate of inspection authorisation and the privileges and limitations of that certificate.

### 66.203 Application

- (a) An applicant for the grant of a certificate of inspection authorisation must complete form CAA 66/04 and submit the form to the Director with a payment of the appropriate application fee prescribed by regulations made under the Act.
- (b) In addition to a completed form CA 66/04, an applicant must provide the Director with—
- (1) evidence of compliance with rule 66.205 (a) (2), (3) and (4); and
  - (2) any further particulars relating to the applicant as may be required by the Director.

### 66.205 Eligibility requirements

- (a) Except as provided for in paragraph (b), to be eligible for a certificate of inspection authorisation a person must—
- (1) hold an aircraft maintenance engineer licence, issued under this Part, in both aeroplane and powerplant categories, or in both rotorcraft and powerplant categories; and
  - (2) at the time of application have—

- (i) held the licence for a period of at least 5 years; and
  - (ii) met the recent experience requirement prescribed in rule 66.63 for a period of at least 5 years; and
- (3) have, within the immediately preceding 24 months—
- (i) exercised the privileges of an aircraft maintenance engineer licence; or
  - (ii) supervised, in an executive capacity acceptable to the Director, the maintenance of aircraft; and
- (4) have successfully completed a course of instruction and passed a written examination on the inspection of aircraft and components for conformity with the CAR, conducted by—
- (i) the holder of an aviation training organisation certificate issued under Part 141; or
  - (ii) the Director.
- (b) The Director may accept a foreign Inspection Authorisation or a foreign licence held for a period of at least 5 years in lieu of the requirement in paragraph (a)(2)(i).

#### **66.207 Privileges and limitations**

- (a) Subject to paragraph (b), a certificate of inspection authorisation entitles the holder to—
- (1) perform a maintenance review in accordance with Part 43, Subpart D; and
  - (2) after completion of major repairs and major modifications, certify conformity with the technical data listed in Appendix C to Part 21 in accordance with Part 43, Subpart E.
- (b) A person must not exercise the privileges specified in paragraph (a) unless that person has available the equipment, facilities, and inspection data necessary to properly inspect airframes, powerplants, propellers, systems or any related part or component.

#### **66.209 Duration of certificate**

A certificate of inspection authorisation issued under this Part shall be valid for a period up to 5 years or until the certificate is suspended or revoked in accordance with the Act during that period.

#### **66.211 Conditions of validity**

The holder of a certificate of inspection authorisation must not exercise the privileges of that certificate unless that person has —

- (1) within the preceding 24 months —
  - (i) performed 4 maintenance reviews in accordance with Part 43 Subpart D; or
  - (ii) certified 4 aircraft or components for conformity with the data listed in Appendix C to Part 21 after completion of major repairs or major modifications; or
  - (iii) performed a combination of subparagraphs (1) and (2); or
  - (iv) successfully completed a refresher course comprising at least 8 hours instruction that is acceptable to the Director; or

- (v) successfully completed a written examination acceptable to the Director; and
- (2) if required by the Director, provided evidence of compliance with paragraph (1)(i), (ii) or (iii); and
- (3) maintained permanent records of each maintenance review and each certification of conformity performed; and
- (4) continued to satisfy the aircraft maintenance engineer licence conditions of validity in 66.63.

## Subpart F — Certificate of Examiner Authorisation

### 66.301 Purpose

This Subpart prescribes rules governing the grant of a certificate of examiner authorization and the privileges and limitations of that certificate.

### 66.303. Application

- (a) An applicant for the grant of a certificate of examiner authorisation must complete form CA 66/07 and submit the form to the Director with a payment of the appropriate application fee prescribed by regulations made under the Act.
- (b) In addition to a completed form CA 66/07, an applicant must provide the Director with
  - (1) evidence of compliance with 66.305 (a) (1), (a)(2), (a)(3) and (a)(4); and
  - (2) any further particulars relating to the applicant as may be required by the Director.

### 66.305.1 Eligibility requirements

- (a) Except as provided for in paragraph (b), to be eligible for a certificate of examiner authorisation a person must
  - (1) hold an aircraft maintenance engineer licence and ratings, issued under this Part, in the appropriate categories applied for; and
  - (2) at the time of application have
    - (i) held the licence and ratings for a period of at least 5 years; and
    - (ii) met the recent experience requirement prescribed in 66.63 for a period of at least 5 years; and
  - (3) have, within the immediately preceding 24 months—
    - (i) exercised the privileges of an aircraft maintenance engineer licence; or
    - (ii) instructed, supervised, or managed in an executive capacity acceptable to the Director, the maintenance of aircraft or components; and
  - (4) have successfully completed an Examiner Authorisation course and passed a written examination acceptable to the Director, conducted by
    - (i) the holder of an aviation training organisation certificate issued under Part 141; or
    - (ii) the holder of an aircraft maintenance organization certificate issued under Part 145, E-1 rating; or

- (iii) the Director.
- (b) The Director may accept a foreign Examiner Authorisation certificate or a foreign licence held for a period of at least 5 years in lieu of the requirement in paragraph (a)(2)(i).

### **66.307 Privileges and limitations**

- (a) Subject to paragraph (b), a certificate of examiner authorisation entitles the holder to
  - (1) Examine aircraft maintenance engineering personnel; and
  - (2) after completion of aircraft maintenance engineer examinations or skills test, endorse those personnel for a licence, rating or certificate issued under this Part.
- (b) A person must not exercise the privileges specified in paragraph (a) unless that person has available the equipment, facilities, and examination data necessary to properly examine personnel on airframes, powerplants, propellers, systems or any related aircraft or component.

### **66.309 Duration of certificate**

A certificate of examiner authorisation issued under this Part shall be valid for a period up to 5 years or until the certificate is suspended or revoked in accordance with the Act during that period.

### **66.311 Conditions of validity**

The holder of a certificate of examiner authorisation must not exercise the privileges of that certificate unless that person has

- (1) within the preceding 24 months of the examiner authorization expiry
  - (i) performed at least 4 examinations; or
  - (ii) successfully completed a refresher course comprising at least 8 hours instruction that is acceptable to the Director; or
  - (iii) successfully completed a written examination acceptable to the Director; and
- (2) if required by the Director, provided evidence of compliance with paragraph (1)(i), (1)(ii) or (1)(iii).

## **Subpart G — Certificate of Instructor Authorisation**

### **66.401 Purpose**

This Subpart prescribes rules governing the grant of a certificate of instructor authorization and the privileges and limitations of that certificate.

### **66.403 Application**

- (a) An applicant for the grant of a certificate of instructor authorisation must complete form CA 66/08 and submit the form to the Director with a payment of the appropriate application fee prescribed by regulations made under the Act.

- (b) In addition to a completed form CA 66/08, an applicant must provide the Director with—
- (1) evidence of compliance with rule 66.405 (a)(1), (a) (2), (a)(3) and (a)(4); and
  - (2) any further particulars relating to the applicant as may be required by the Director.

### **66.405 Eligibility requirements**

- (a) Except as provided for in paragraph (b), to be eligible for a certificate of instructor authorisation a person must
- (1) hold an aircraft maintenance engineer licence and ratings, issued under this Part, in the appropriate categories applied for; and
  - (2) at the time of application have;
    - (i) held the licence and ratings for a period of at least 5 years; and
    - (ii) met the recent experience requirement prescribed in 66.63 for a period of at least 3 years; and
  - (3) have, within the immediately preceding 24 months
    - (i) exercised the privileges of an aircraft maintenance engineer licence; or
    - (ii) instructed, supervised, or managed in an executive capacity acceptable to the Director, the maintenance of aircraft or components; and
  - (4) have successfully completed an Instructor Authorisation course and passed a written examination acceptable to the Director, conducted by;
    - (i) the holder of an aviation training organisation certificate issued under Part 141; or
    - (ii) the holder of an aircraft maintenance organization certificate issued under Part 145, E-1 rating; or
    - (iii) the Director.
- (b) The Director may accept a foreign Instructor Authorisation certificate or an equivalent foreign licence held for a period of at least 5 years in lieu of the requirement in paragraph (a)(2)(i).

### **66.407 Privileges and limitations**

- (a) Subject to paragraph (b), a certificate of Instructor authorisation entitles the holder to give instruction to aircraft maintenance engineering personnel;
- (b) A person must not exercise the privileges specified in paragraph (a) unless that person has available the equipment, facilities, and examination data necessary to properly examine personnel on airframes, powerplants, propellers, systems or any related aircraft or component.

### **66.409 Duration of certificate**

A certificate of instructor authorisation issued under this Part shall be valid for a period up to 5 years or until the certificate is suspended or revoked in accordance with the Act during that period.

### **66.411 Conditions of validity**

The holder of a certificate of instructor authorisation must not exercise the privileges of that certificate unless that person has;

- (1) Within the preceding 24 months of the instructor authorization expiry
  - (i) Performed at least 6 instructional training; or
  - (ii) successfully completed a refresher course comprising at least 8 hours instruction that is acceptable to the Director; or
  - (iii) successfully completed a written examination acceptable to the Director; and
- (2) if required by the Director, provided evidence of compliance with paragraph (1)(i), (1)(ii) or (1)(iii).

## **Subpart H — Changes to Licence or Certificate**

### **66.451 Purpose**

This Subpart prescribes rules regarding changes to licences and certificates.

### **66.453 Personal information**

The holder of a licence or certificate must advise the Director in writing within 14 days of any changes to the following:

- (1) name; and
- (2) address for service; and
- (3) nationality.

### **66.455 Suspension and revocation**

- (a) The holder of a licence or certificate that is suspended must immediately present that licence or certificate to the Director.
- (b) The holder of a licence or certificate that is suspended must comply with any requirements or conditions specified by the Director for the re-validation of that licence or certificate.
- (c) The holder of a licence or certificate that is revoked must immediately return that licence or certificate to the Director.
- (d) If a licence or certificate is revoked, the person who was the holder of that document must advise their Part 145 approved maintenance organisation employer of the revocation.

### **66.457 Cancellation**

The Director may return a cancelled licence or certificate to the person who was the holder after marking the document with appropriate cancellation marks.

## **Subpart I— Transition Provisions**

### **66.501 Reserved**

## Appendix A — Reserved

## Appendix B — Group and Type Ratings

### B.1 Groups

Ratings may be issued in the following groups:

(a) Aeroplane

**Group 1:** Metal stressed skin unpressurized aeroplanes with fixed landing gear no exceeding 5700kg:

**Group 2:** Metal stressed skin unpressurised aeroplanes other than group 1:

**Group 3:** Aeroplanes with principally wooden or tubular structure, fabric covered:

**Group 4:** Aeroplanes constructed principally of fibre reinforced plastic (FRP) or similar material.

(b) Rotorcraft

**Group 1:** Piston engine rotorcraft:

**Group 2:** Turbine engine rotorcraft:

(c) Powerplant

**Group 1:** Normally aspirated engines:

**Group 2:** Turbocharged, supercharged, or radial piston engines:

(d) Electrical

**Group 1:** Electrical systems in pressurised aeroplanes with an MCTOW of 5700kg or less and unpressurised aircraft which have as their primary source of power:

(i) DC generators; or

(ii) Starter Generators; or

(iii) Alternators with self-contained rectifiers:

**Group 2:** Electrical systems which have as their primary source of power:

(i) DC generators, or starter generators, and have their frequency wild alternators installed for secondary services; or

(ii) Constant frequency AC from alternators driven by constant speed drive units:

(e) Instrument

**Group 1:** General aircraft instruments systems; basic flight instrument systems; basic flight instrument systems; oxygen systems, cabin pressurization and air conditioning systems other than those fitted to pressurised aeroplanes with a MCTOW of 5700kg or more:

**Group 2:** Autoflight and navigation systems including air data computer systems, servo driven instruments, remote gyro systems including remote reading compasses, automatic flight control systems and inertial navigation systems other than those fitted to pressurised aeroplanes with an MCTOW of 5700kg or more;

(f) Radio

**Group 1:** Airborne communication systems including VHF, HF, CVR, audio and ELT:

**Group 2:** Airborne navigation systems including ADF, VOR, ILS, VLF, Omega, marker beacon, GPS and GNSS:

**Group 3:** Airborne primary and secondary radar including weather radar, dopler, radio altimeter, DME, transponder, and TCAS:

(g) Lighter than air aircraft

**Group 1:** Hot air free balloons and hot air airships in their entirety:

**Group 2:** Gas filled airships and their components excluding the engine and propeller or fan, or both.

## B.2 Types

Ratings for the following aircraft or components must be issued by the Director as type ratings for the individual aircraft or component types:

- (1) **Aeroplane:** pressurised aeroplanes:
- (2) **Rotorcraft:** rotorcraft that the Director considers are not included in the Rotorcraft Group 1 or 2 rating:
- (3) **Powerplant:** turbine powerplants:
- (4) **Electrical:** electrical systems and equipment installed in pressurised aeroplanes with an MCTOW of more than 5700kg:
- (5) **Instrument:** integrated flight systems installed in pressurised aeroplanes with an MCTOW of more than 5700kg:
- (6) **Radio:** complete radio installations installed in pressurised aeroplanes with an MCTOW of more than 5700kg:
- (7) **Components:** overhaul and maintenance of aircraft or components specified in rule 43.54(b) and (c).

## Appendix C – Additional Privileges

- (a) The holder of a licence in category aeroplane or category rotorcraft may perform or supervise, and certify release to service the following maintenance, if rated on the applicable aircraft type:
  - (1) the applicable inspections required by Part 91, subpart G or Part 125, subpart G, or Part 135, Subpart G or Part 136 Subpart K of Group 1 electrical and instrument systems and Group 1,2 and 3 radio systems:

- (2) replacement, adjustment and function testing of electrical and instrument components and systems performed within the aircraft (excluding compass systems) except where special test equipment is required:
  - (3) maintenance of electrical storage batteries:
  - (4) maintenance and installation of VHF and HF radio systems:
  - (5) replacement of line replaceable units:
  - (6) compass systems limited to the compensation of direct and remote reading compasses, and component changes in direct reading compass systems.
- (b) The holder of a licence in category powerplant may perform or supervise, and certify for release to service the following maintenance, if rated on the applicable powerplant type:
- (1) Functional checks and testing of engine instruments provided no special testing equipment is required:
  - (2) Replacement, adjustment and functional testing of components and systems associated with the engine provided no special test equipment is required:
  - (3) Replacement of avionic line replaceable units associated with the powerplant.
- (c) The holder of a rated licence in category electrical, instrument, or radio may perform or supervise, and certify for release to service the following maintenance:
- (1) The applicable inspections required by Part 91, Subpart G or Part 125, Subpart G or Part 135, Subpart G or Part 136 Subpart K of Group 1 electrical and instrument and Group 1,2 and 3 radio systems:
  - (2) Replacement, adjustment and function testing of electrical and instrument components and systems (excluding compass systems) performed within the aircraft except where special test equipment is required:
  - (3) Maintenance of electrical storage batteries:
  - (4) Maintenance and installation of VHF and HF radio systems:
  - (5) Replacement of line replaceable units.
- (d) The holder of a rated licence in category lighter than air aircraft may perform or supervise, and certify for release to service the following maintenance:
- (1) Routine inspections required by Part 91, Subpart G or Part 125, Subpart G or Part 135, Subpart G:
  - (2) Replacement, adjustment and function testing of electrical and instrument components and systems (excluding compass systems) except where special test equipment is required:
  - (3) Repair and replacement of interwiring and instrument plumbing:
  - (4) Installation of VHF and HF radio systems:
  - (5) Compensation and component changing of direct reading compasses.