

PART 63: FLIGHT ENGINEER LICENSING

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SUBPART 1: GENERAL

Applicability

63.01.1

- (1) This Part applies to –
 - (a) the issuing of flight engineer licences and ratings for Namibian flight engineers, the privileges and limitations of such licences and ratings, and matters related thereto; and
 - (b) the validation of foreign flight engineer licences and ratings and the privileges and limitations of such validations.
- (2) In this Part any requirements for the issuing of, the holding of or the exercise of any of the privileges of, an aviation document are subject to, and must be read in conjunction with requirements in the Act relating to aviation documents.

Authority to act as flight engineer

63.01.2

- (1) No person may act as a flight engineer of a Namibian registered aircraft unless such person holds a valid –
 - (a) flight engineer licence and rating issued, renewed or reissued by the Executive Director in terms of this Part; or
 - (b) flight engineer licence and rating issued by an appropriate authority and validated by the Executive Director in terms of this part.
- (2) The holder of a flight engineer licence may not exercise privileges other than the privileges granted by the licence and appropriate rating held by such holder.
- (3) The holder of a flight engineer licence must pay the annual currency fee as prescribed in [Part 187](#) applicable to the type of licence on the anniversary date of such licence.

Validation of licence issued by appropriate authority

63.01.3

- (1) The holder of a licence and rating issued by an appropriate authority, who desires to act as a flight engineer on a Namibian registered aircraft, must apply to the Executive Director in the appropriate form as prescribed by the Executive Director, for a validation of such licence and rating.
- (2) Before the Executive Director validates a foreign licence or rating for a commercial air transport operation or a Private Pilot Licence with Instrument Rating (PPL/IR), he or she must confirm the validity of the foreign licence or rating with the appropriate authority of the issuing Contracting State.
- (3) The application for a validation referred to in sub-regulation (1) must be accompanied by –
 - (a) the appropriate fee as prescribed in [Part 187](#);
 - (b) a certified true copy of the licence and rating to which the validation pertains;
 - (c) a valid medical certificate; and
 - (d) in the case of a validation of a licence and rating, the privileges of which are to be exercised for commercial purposes, a temporary work permit, permanent residency permit and a letter of appointment from a Namibian employer who requires the services of the applicant.

- (4) A licence and rating issued by an appropriate authority may be validated by the Executive Director –
 - (a) subject to the same restrictions which apply to such licence and rating;
 - (b) in accordance with and subject to the requirements and conditions as prescribed in Document NAM-CATS 63;
 - (c) in the appropriate form as prescribed by the Executive Director; and
 - (d) provided the Executive Director is satisfied;
 - (i) that the applicant complies with the requirements referred to in regulation 63.01.3 (2) and (3), and
 - (ii) that the issue of the validation is not contrary to the interests of aviation safety.
- (5) A validation of a license or rating issued by the Executive Director pursuant to this regulation is deemed to be an aviation document for the purposes of the Act.
- (6) The duration of a validation issued by the Executive Director is –
 - (a) 12 months calculated from the date of issue of such validation by the Executive Director; or
 - (b) the period of validity of the licence and rating issued by the appropriate authority concerned, whichever period is the lesser period.
- (7) The holder of a validation issued by the Executive Director may, subject to the provisions of sub-regulation (6), apply to the Executive Director for a renewal of such validation at least 21 days immediately preceding the date of expiry of such validation.
- (8) The Executive Director may renew a validation of a licence and rating in the circumstances and on the conditions as prescribed in Document NAM-CATS 63.
- (9) The holder of a validation issued by the Executive Director must comply with the provisions prescribed in this part and the requirements and conditions as prescribed in Document NAM-CATS 63.
- (10) Notwithstanding the provisions of regulation 63.01.2(2), the Executive Director may validate any flight engineer licence and rating issued by an appropriate authority, to authorise the holder thereof to conduct training on a particular type of aircraft to which the rating pertains, if no holder of a Grade I flight instructor rating is available to conduct such training.

Competency

63.01.4

- (1) No holder of a flight engineer licence and rating may exercise the privileges granted by the licence and rating unless such holder maintains competency by complying with the appropriate requirements prescribed in this part.
- (2) The holder of a flight engineer licence and rating must submit copies of all documentation relating to continued maintenance of competency to the Executive Director within 7 days after compliance with the appropriate requirements prescribed in this Part.

Documentation

63.01.5

The Executive Director must ensure that a flight engineer licence and rating is issued in such a manner that the validity thereof may readily be determined by an appropriate authority.

Logbooks

63.01.6

- (1) The holder of a flight engineer licence must maintain a logbook and must record therein all flight time spent as a flight engineer.
- (2) The form of and information to be contained in a logbook referred to in sub-regulation (1) and the manner in which such logbook must be maintained, is as prescribed in Document NAM-CATS 63.

Medical fitness

63.01.7

An applicant for or holder of a flight engineer licence must obtain a Class 2 medical certificate issued in terms of [Part 67](#).

Ratings for flight engineers and flight engineer instructors

63.01.8

The ratings for flight engineers and flight engineer instructors are –

- (a) a type rating; and
- (b) a rating for special purposes.

Type ratings

63.01.9

Type ratings for aircraft comprises a rating by name for each type of aircraft, of which the design necessitates the carriage of a flight engineer, and a rating by name for each type of engine.

Ratings for special purposes

63.01.10

The ratings for special purposes comprises a –

- (a) Grade I flight engineer instructor rating; and
- (b) Grade II flight engineer instructor rating.

Register of licences

63.01.11

- (1) The Executive Director must maintain within the Civil Aviation Registry a register of all flight engineer licences and ratings issued or validated in terms of the regulations in this part.
- (2) The register must contain the following particulars –
 - (a) The full name of the holder of the licence;
 - (b) the postal address of the holder of the licence;
 - (c) the date on which the licence was issued or validated;
 - (d) particulars of the ratings held by the holder of the licence; and
 - (e) the nationality of the holder of the licence.

- (3) The particulars referred to in sub-regulation (2) must be recorded in the register within seven days from the date on which the licence or rating is issued or validated by the Executive Director.
- (4) The register must be kept in a safe place at the office of the Executive Director.
- (5) A copy of the register must be furnished by the Executive Director, on payment of the appropriate fee as prescribed in [Part 187](#), to any person who requests the copy.

Language

63.01.12

- (1) The holder of a flight engineer licence issued under this part must have sufficient ability in reading, speaking and understanding the English language to enable the holder to adequately carry out his or her responsibilities as a flight engineer.
- (2) No flight engineer who is required to operate the radio equipment on board the aircraft may be issued with a flight engineers licence under this Part unless he or she has demonstrated the appropriate English Language Proficiency as prescribed in Document NAM-CATS 63.

Retesting after failure

63.01.13

An applicant for the issuing of a flight engineer licence or rating who fails a theoretical knowledge examination, required for such licence or rating, may apply for retesting after the appropriate period specified in Document NAM-CATS 63.

Designation of examiner

63.01.14

- (1) The Executive Director may, upon application, designate an examiner to –
 - (a) conduct skill tests and to complete skill test reports required for the issuing and reissuing of flight engineer licences and type ratings; and
 - (b) conduct skill tests and to complete skill test reports required for the issuing and reissuing of flight engineer instructor ratings.
- (2) The privileges referred to in sub-regulation (1) must be exercised and performed according to the conditions, rules, requirements, procedures or standards as prescribed in Document [NAM-CATS 63](#).
- (3) The application to be considered for designation as referred to in sub-regulation (1) must be accompanied by –
 - (a) details of the licence and ratings to which the application applies; and
 - (b) the appropriate fee as prescribed in [Part 187](#).
- (4) Where the Executive Director is satisfied -
 - (a) that the applicant complies with the requirements referred to in regulation 63.01.14 (2) and (3),
 - (b) that the applicant is a fit and proper person to exercise the privileges of an aviation document in accordance with the provisions of the Act, and
 - (c) that the issue of the designation is not contrary to the interests of aviation safety.

the Executive Director must sign and issue to the applicant a document which must state the full name of such examiner and contain a statement that –

- (d) such examiner has been designated in terms of sub-regulation (1); and
 - (e) such examiner is empowered to exercise the privileges referred to in sub-regulation (1).
- (5) A designation of an examiner issued by the Executive Director pursuant to this regulation is deemed to be an aviation document for the purposes of the Act.
 - (6) An inspector must conduct surveillance over the activities of an examiner on an annual basis, as prescribed in Document [NAM-CATS 63](#).
 - (7) Without prejudice to the powers of the Executive Director contained in sections 42 to 44 inclusive of the Act to suspend, revoke or impose conditions upon aviation documents an inspector may suspend a designation issued in terms of sub-regulation (1) if –
 - (a) immediate suspension is necessary in the interest of aviation safety;
 - (b) the inspector is prevented by the designated examiner from carrying out any safety inspection and audit or from performing any of the functions that the inspector is permitted to perform in terms of the Act and these Regulations; or
 - (c) it is evident that the designated examiner does not comply with the relevant requirements prescribed in this Part, after such examiner has been given at least 14 days within which to comply therewith and has been notified of the possibility of suspension in the event of continued non compliance and the purpose thereof.
 - (8) The provisions of regulation 185.00.4 apply, with the necessary changes, with regard to the suspension referred to in sub-regulation (6).

Training

63.01.15

Training as required by this Part may only be provided by the holder of an aviation training organisation approval issued in terms of [Part 141](#) or a foreign aviation training organization of another Contracting State approved by the Executive Director.

Credit for military service

63.01.16

- (1) Flight engineers qualified in the Namibian Defence Force, may apply to the Executive Director for the issuing of a flight engineer licence and rating prescribed in this Part.
- (2) An application contemplated in sub-regulation (1) must be -
 - (a) made in the appropriate form as prescribed in Document NAM-CATS 63; and accompanied by proof of/that -
 - (i) the identity of the applicant; the age of the applicant; and his/her employment in the Namibian Defence Force;
 - (ii) a valid Class 1 medical certificate issued in terms of Part 67;
 - (iii) the applicant has passed the theoretical knowledge examination, or part thereof, if the Executive Director requires the passing of such theoretical knowledge examination, or part thereof;
 - (iv) two recent passport size photographs of the applicant; and
 - (v) the appropriate fee as prescribed in Part 187.

- (3) The Executive Director must exercise his or her discretion to credit the theoretical knowledge, experience and skill, or part thereof, gained in military service towards the issuing of a flight engineer licence and rating,
- (4) A flight engineer license or rating issued by the Executive Director pursuant to this regulation is deemed to be an aviation document for the purposes of the Act.

Conversion of flight engineer licence issued by appropriate authority

63.01.17

- (1) The holder of a flight engineer licence and rating issued by an appropriate authority not being the Authority, may apply to the Executive Director for a conversion of the licence and rating.
- (2) An application for a conversion of the licence and rating must be;
 - (a) made in the appropriate form as prescribed in Document NAM-CATS 63; and
 - (b) accompanied by -
 - (i) a copy of the flight engineer licence and rating to which the conversion pertains;
 - (ii) an appropriate valid medical certificate; and
 - (iii) the appropriate fee as prescribed in Part 187.
- (3) Where the Executive Director is satisfied that-
 - (a) the applicant complies with the requirements of this regulation; and
 - (b) the issue of the conversion is not contrary to the interests of aviation safetythe Executive Director may, subject to the conditions, rules, requirements, procedures or standards as prescribed in Document NAM-CATS 63, convert the licence and rating.
- (4) The licence and rating must be converted by the Executive Director on the appropriate form as prescribed by the Executive Director.
- (5) A license or rating converted by the Executive Director under this regulation is deemed to be an aviation document for the purposes of the Act.

Suspension and cancellation of licence and appeal

63.01.18

- (1) Without prejudice to the powers of the Executive Director contained in sections 42 to 44 inclusive of the Act to suspend, revoke or impose conditions upon aviation documents, an authorised officer, inspector or authorised person may suspend for a period not exceeding 30 days, a flight engineer licence, rating or validation if-
 - (a) it is evident that the holder of the licence, rating or validation does not comply with the requirements prescribed in this Part, and such holder fails to remedy such non-compliance within 30 days after receiving notice in writing from the authorised officer, inspector or authorised person to do so; or
 - (b) the suspension is necessary in the interests of aviation safety.
- (2) The authorised officer, inspector or authorised person who has suspended a licence, rating or validation in terms of sub-regulation (1), must deliver a report in writing to the Executive Director, stating the reasons why the licence, rating or validation was suspended.
- (3) The authorised officer, inspector or authorised person concerned must submit a copy of the report referred to in sub-regulation (2), to the holder of the licence, rating or validation which has been suspended.
- (4) The holder of a licence, rating or validation whose licence, rating or validation has been suspended, may appeal against such suspension to the Executive Director, within 7 days after such holder becomes aware of such suspension.

- (5) An appellant must deliver an appeal in writing, stating the reasons why, in his or her opinion, the suspension should be varied or set aside, and the appeal must include, if applicable, full particulars of any remedial action which may have been taken by the appellant to rectify the circumstances which resulted in such suspension.
- (6) The Executive Director must in writing acknowledge receipt of an appeal.
- (7) The Executive Director may, within 14 days after receipt of the appeal, subject to such conditions which the Executive Director may determine, confirm, vary or set aside the suspension referred to in sub-regulation (1), or cancel the licence, rating or validation.
- (8) The Executive Director must within 14 days of the completion of the steps referred to in sub-regulation (7) deliver his or her decision to the appellant and furnish written reasons to the parties cited in the appeal, for any decision taken pursuant to the appeal.
- (9) A person in respect of whom a decision is taken by the Executive Director under sub-regulation (7) may appeal against the decision to the High Court under section 225 of the Act.

Change of name or address

63.01.19

- (1) If a flight engineer licence and rating issued in terms of this Part -
 - (a) does not correctly reflect the name or address of the holder thereof; or
 - (b) contains a photograph which is no longer a recognisable image of the holder thereof,
 such holder must, within 30 days from the day on which such name or address was changed, or such photograph became an unrecognisable image, apply to the Executive Director for the issuing of a new licence and rating.
- (2) An application for the issuing of a new licence and rating must be -
 - (a) made in the appropriate form as prescribed in Document NAM-CATS 63; and
 - (b) accompanied by -
 - (i) the original licence and rating;
 - (ii) in the case of a change of name, a copy of a certificate issued in terms of the Married Persons Equality Act, 1996 (Act No. 1 of 1996), the court order or any other legal document which verifies the change of name;
 - (iii) two recent passport size photographs of the applicant; and
 - (iv) the appropriate fee as prescribed in Part 187.
- (3) The Executive Director must -
 - (a) issue a new licence and rating if the applicant complies with the requirements referred to in sub-regulation (2); and
 - (b) cancel and destroy the original licence and rating.
- (4) Upon the issuing of a new licence the holder thereof must forthwith affix his or her signature in ink in the space on the new licence provided for such purpose.

Duplicate flight engineer licence

63.01.20

- (1) The holder of a flight engineer licence and rating which has been lost, destroyed or defaced to such an extent that the particulars thereon are illegible, must apply to the Executive Director for the issuing of a duplicate licence and rating.

- (2) An application for the issuing of a duplicate licence and rating must be -
- (a) made in the appropriate form as prescribed in Document NAM-CATS 63; and
 - (b) accompanied by -
 - (i) a valid Class 2 medical certificate issued in terms of Part 67;
 - (ii) two recent passport size photographs of the applicant; and
 - (iii) the appropriate fee as prescribed in Part 187.
- (3) The Executive Director must -
- (a) issue a duplicate licence and rating if the applicant complies with the requirements referred to in sub-regulation (2); and
 - (b) endorse the duplicate licence and rating with the word "DUPLICATE" thereon.
- (4) Upon the issuing of a duplicate licence the holder thereof must forthwith affix his or her signature in ink in the space on the duplicate licence provided for such purpose. If, after the issuing of a duplicate licence and rating, the original licence and rating is found, the holder of the duplicate licence and rating must take all reasonable steps to obtain such original licence and rating and surrender it forthwith to the Executive Director.

Duties of flight engineer

63.01.21

A flight engineer must -

- (a) carry the flight engineer licence and rating issued to him or her, on his or her person when exercising the privileges thereof;
- (b) produce such licence and rating to an authorised officer, inspector or authorised person if so requested by such officer, inspector or person; and
- (c) produce such licence and rating to the authorised representative of an appropriate authority if so requested by such representative.

Unauthorised conduct

63.01.22

- (1) No person may provide another person with, or obtain from another person, any examination paper, or part or copy thereof, unless authorised by the Executive Director to do so.
- (2) During any written examination under this Part, no person may -
- (a) copy from another person;
 - (b) use any unauthorised source of information;
 - (c) communicate in any way with another person, except the invigilator;
 - (d) take the examination on behalf of another person; or
 - (e) remove any written or printed material from the examination room, unless authorised by the Executive Director to do so.
- (3) Any unauthorised conduct referred to in sub-regulations (1) and (2) may result in –
- (a) disqualification in the subject concerned;
 - (b) disqualification in any or all subjects already passed; and
 - (c) disbarment from taking further examinations for a period not exceeding 12 months.

SUBPART 2: FLIGHT ENGINEER LICENCE

Requirements for flight engineer licence

63.02.1

An applicant for the issuing of a flight engineer licence must –

- (a) be not less than 18 years of age;
- (b) in the case of a flight engineer who is required to conduct radio telephony, he or she must comply with the requirements for the issue of a general radio licence as contained in Part 61 and hold an English Language Proficiency certification as prescribed in Document NAM-CATS 63
- (c) hold a valid Class 2 medical certificate issued in terms of [Part 67](#);
- (d) have acquired the experience referred to in regulation [63.02.2](#);
- (e) have successfully completed the training referred to in regulation [63.02.3](#);
- (f) have passed the theoretical knowledge examination referred to in regulation [63.02.4](#);
- (g) have undergone the skills test referred to in regulation [63.02.5](#); and
- (h) have acquired or hold –
 - (i) not less than three years; practical aeronautical engineering experience of which not less than one year must have been obtained on a multi-engine aircraft with a maximum certificated mass exceeding 11 400 kilograms;
 - (ii) an approved B.Sc Aeronautical Engineering degree;
 - (iii) a valid commercial pilot licence with a valid instrument rating; or
 - (iv) a valid airline transport pilot licence.

Experience

63.02.2

- (1) An applicant for the issuing of a flight engineer licence must have completed, under the supervision of the holder of a flight engineer instructor rating, not less than 100 hours of flight time performing the duties of a flight engineer, of which 50 hours may be acquired in an approved flight simulation training device.
- (2) The applicant must have operational experience under the supervision of a licenced flight engineer that includes at least the following –
 - (a) *Normal procedures*:
 - (i) pre-flight inspections
 - (ii) fuelling procedures, fuel management
 - (iii) inspection of maintenance documents
 - (iv) normal flight deck procedures during all phases of flight
 - (v) crew coordination and procedures in case of crew incapacitation
 - (vi) defect reporting
 - (b) *Abnormal and alternate (standby) procedures*
 - (i) recognition of abnormal functioning of aircraft systems
 - (ii) use of abnormal and alternate (standby) procedures

- (c) *Emergency procedures*
 - (i) recognition of emergency conditions
 - (ii) use of appropriate emergency procedures

Training

63.02.3

An applicant for the issuing of a flight engineer licence must have successfully completed the appropriate training as prescribed in Document NAM-CATS 63.

Theoretical knowledge examination

63.02.4

An applicant for the issuing of a flight engineer licence must have passed the appropriate written examination as prescribed in Document NAM-CATS 63.

Skills test

63.02.5

- (1) An applicant for the issuing of a flight engineer licence must have demonstrated to the holder of a Grade I flight engineer instructor rating or appropriately type rated designated flight examiner, the ability to perform as flight engineer of an aircraft, the duties and procedures as prescribed in Document NAM-CATS 63, with a degree of competency appropriate to the privileges granted to the holder of a flight engineer licence.
- (2) The test may be conducted in a flight simulation training device approved for this purpose.
- (3) The applicant must undergo the skills test referred to in sub-regulation (1) within 24 months of passing the theoretical knowledge examination referred to in regulation [63.02.4](#) and within the 90 days immediately preceding the date of application.

Application for flight engineer licence

63.02.6

An application for the issuing of a flight engineer licence must be –

- (a) made to the Executive Director in the appropriate form as prescribed by the Executive Director; and
- (b) accompanied by –
 - (i) original or certified evidence of –
 - (ii) the identity of the applicant; and
 - (iii) the age of the applicant;
 - (iv) a valid Class 2 medical certificate issued in terms of [Part 67](#);
 - (v) the general radiotelephony certificate and English Language Proficiency certification as prescribed in Document NAM-CATS-FCL-63;
 - (vi) original or certified evidence that the applicant has passed the theoretical knowledge examination referred to in regulation [63.02.4](#);
 - (vii) the skill test report as prescribed in Document NAM-CATS 63;
 - (viii) the valid commercial pilot licence, airline transport pilot licence, proof of the practical aeronautical engineering experience or a BSc Aeronautical Engineering degree, as the case may be, held or obtained by the applicant;

- (i) the appropriate fee as prescribed in [Part 187](#); and
- (ii) two recent passport size photographs of the applicant.

Issuing of flight engineer licence

63.02.7

- (1) The Executive Director must issue a flight engineer licence if ;
 - (a) the applicant complies with the requirements of this regulation.
 - (b) the applicant is a fit and proper person to exercise the privileges of an aviation document in accordance with the provisions of the Act, and
 - (c) the issue of the license is not contrary to the interests of aviation safety
- (2) A flight engineer licence must be issued on the appropriate form as prescribed by the Executive Director.
- (3) Upon the issuing of a flight engineer licence the holder thereof must forthwith affix his or her signature in ink in the space on the licence provided for such purpose.
- (4) A license issued by the Executive Director in accordance with this regulation is deemed to be an aviation document for the purposes of the Act.

Period of validity

63.02.8

A flight engineer licence is valid for an indefinite period: Provided that the privileges of the licence may not be exercised by the holder thereof unless –

- (a) he or she is the holder of a valid Class 2 medical certificate issued in terms of [Part 67](#); and
- (b) he or she holds a valid type rating.

Privileges

63.02.9

The holder of a valid flight engineer licence is entitled to act as a flight engineer –

- (a) in any aircraft in respect of which he or she is the holder of a type rating;
- (b) in an aircraft of a type other than that in respect of which he or she is the holder of a type rating, if he or she so acts under the direct supervision of the holder of a flight engineer licence with a type rating appropriate to that aircraft, or if he or she acts in an aircraft on which a flight engineer is not required, under the direct supervision of the pilot-in-command of that aircraft.

SUBPART 3: TYPE RATING

Requirements for type rating

63.03.1

- (1) An applicant for the issuing of a type rating must –
 - (a) have successfully completed the training referred to in regulation 63.03.2;
 - (b) have passed the theoretical knowledge examination referred to in regulation 63.03.3; and
 - (c) have undergone the skill test referred to in regulation 63.03.4; and

- (d) have complied with the requirements for a flight engineer licence referred to in regulation 63.02.1.
- (2) An applicant for the issuing of any additional type rating must –
- (a) hold a valid flight engineer licence;
 - (b) comply with the requirements prescribed in regulation 63.03.3;
 - (c) submit to the Executive Director his or her logbook or a certificate signed by the holder of a Grade I flight engineer instructor rating, showing that he or she has completed, during the 12 months immediately preceding the date of application, not less than 50 hours of flight time in the performance of the duties of a flight engineer on board the type of aircraft to which the application relates or one with similar characteristics; and
 - (d) have undergone the skill test referred to in regulation 63.03.4, in the type of aircraft to which the application relates.

Training

63.03.2

An applicant for the issuing of a type rating must have successfully completed the appropriate training as prescribed in Document NAM-CATS 63.

Theoretical knowledge examination

63.03.3

An applicant for the issuing of a type rating must have passed the appropriate written examination as prescribed in Document NAM-CATS 63.

Skill test

63.03.4

An applicant for the issuing of a type rating must have demonstrated to the holder of a Grade I flight engineer instructor rating the ability to perform the procedures and manoeuvres as prescribed in Document NAM-CATS 63, with a degree of competency appropriate to the privileges granted to the holder of such type rating.

Temporary certificate of competency

63.03.5

The holder of a Grade I flight engineer instructor rating may issue the applicant for the issuing of a type rating, with a temporary certificate of competency, which permits the applicant to exercise the privileges of such type rating, for a period of 30 days calculated from the date of issue of such temporary certificate.

Application for type rating

63.03.6

An application for the issuing of a type rating must be –

- (a) made to the Executive Director in the appropriate form as prescribed by the Executive Director in Document NAM-CATS 63; and
- (b) accompanied by –
 - (i) original or certified proof that the applicant has passed the theoretical knowledge examination referred to in regulation 63.03.3;
 - (ii) the skills test report as prescribed in Document NAM-CATS 63; and

(iii) the appropriate fee as prescribed in Part 187.

Issuing of type rating

63.03.7

- (1) The Executive Director must issue a type rating if the applicant complies with the requirements referred to in regulation 63.03.1.
- (2) A type rating must be issued in the appropriate form as determined by the Executive Director.

Period of validity

63.03.8

A type rating is valid for a period of 12 months calculated from the date of issue or reissue of the rating or from the date of expiry of the rating if such rating is renewed in accordance with the provisions of regulation 63.03.10.

Privileges

63.03.9

Subject to the provisions of the Act the holder of a valid type rating is entitled to act as a flight engineer in the type of aircraft for which the holder is rated.

Renewal

63.03.10

- (1) To renew a type rating, the holder of the rating must –
 - (a) within the 12 months immediately preceding the date of expiry of such rating, have completed not less than 50 hours of flight time as flight engineer of an aircraft for which the holder is type rated; and
 - (b) within the 90 days immediately preceding the date of expiry of such rating, have undergone a proficiency check as prescribed in Document NAM-CATS 63, conducted by the holder of a Grade I flight engineer instructor rating.
- (2) The holder of a Grade I flight engineer instructor rating must upon compliance with the requirements prescribed in sub-regulation (1)(a) or (b) by the holder of the rating –
 - (a) provide the Executive Director with the appropriate certificate of competency as prescribed in Document NAM-CATS 63;
 - (b) sign the appropriate page of the licence of such holder; and
 - (c) endorse the logbook of such holder.
- (3) If the result of the proficiency check contemplated in sub-regulation (1) reveals that the holder of the rating has failed to maintain the minimum standard required to exercise the privileges referred to in regulation 63.03.9, the holder of the Grade I flight engineer instructor rating must –
 - (a) report such result to the Executive Director; and
 - (b) not sign the appropriate page of the licence of the holder of the rating.

Reissue

63.03.11

- (1) To reissue a type rating which has expired due to the lapse of the period referred to in regulation 63.03.8, the holder of such expired rating must –
 - (a) within the 12 months immediately preceding the date of application, have completed not less than eight hours of flight time as flight engineer under the supervision of the holder of a flight engineer rating; and
 - (b) demonstrate to a designated examiner the procedures and manoeuvres referred to in regulation 63.03.4.
- (2) The designated examiner must, upon compliance with the requirements prescribed in sub-regulation (1)(a) and (b) by the holder of the expired rating –
 - (a) provide the Executive Director with the skill test report as prescribed in Document NAM-CATS 63;
 - (b) sign the appropriate page of the licence of such holder; and
 - (c) endorse the logbook of such holder.
- (3) If the result of the skill test contemplated in sub-regulation (1) reveals that the holder of the expired rating has failed to maintain the minimum standard required to exercise the privileges referred to in regulation 63.03.9, the designated examiner must –
 - (a) report such result to the Executive Director; and
 - (b) not sign the appropriate page of the licence of the holder of the expired rating.

SUBPART 4: GRADE I FLIGHT ENGINEER INSTRUCTOR RATING

Requirements for Grade I flight engineer instructor rating

63.04.1

An applicant for the issuing of a Grade I flight engineer instructor rating must –

- (a) hold a valid flight engineer licence, type rating and Grade II flight engineer instructor rating;
- (b) have acquired the experience referred to in regulation 63.04.2; and
- (c) have undergone the skill test referred to in regulation 63.04.3.

Experience

63.04.2

An applicant for the issuing of a Grade I flight engineer instructor rating must have at least three years' experience as a Grade II flight engineer instructor, during which he or she must have given not less than 500 hours of flight engineer instruction.

Skills test

63.04.3

- (1) An applicant for the issuing of a Grade I flight engineer instructor rating must demonstrate to a designated examiner the ability to perform the procedures as prescribed in Document NAM-CATS 63, with a degree of competency appropriate to the privileges granted to the holder of a Grade I flight engineer instructor rating.
- (2) The applicant must undergo the skill test referred to in sub-regulation (1) within the 90 days immediately preceding the date of application.

Application for Grade I flight engineer instructor rating

63.04.4

An application for a Grade I flight engineer instructor rating must be –

- (a) made to the Executive Director in the appropriate form as prescribed by the Executive Director;
- (b) accompanied by –
 - (i) the skill test report as prescribed in Document NAM-CATS 63;
 - (ii) the flight engineer licence, type rating and Grade II flight engineer instructor rating of the applicant; and
 - (iii) the appropriate fee as prescribed in Part 187.

Issuing of Grade I flight engineer instructor rating

63.04.5

- (1) The Executive Director must issue a Grade I flight engineer instructor rating if the applicant complies with the requirements referred to in regulation 63.04.1.
- (2) A Grade I flight engineer instructor rating must be issued in the appropriate form as prescribed by the Executive Director.

Period of validity

63.04.6

A Grade I flight engineer instructor rating is valid for a period of three years calculated from the date of issue or reissue of the rating or from the date of expiry of the rating if such rating is renewed in accordance with the provisions of regulation 63.04.8.

Privileges

63.04.7

- (1) Subject to the provisions of the Act the holder of a valid Grade I flight engineer instructor rating is entitled to exercise the privileges of such rating in the type of aircraft for which the holder is rated.
- (2) The holder of a valid Grade I flight engineer instructor rating –
 - (a) may give flight engineer instruction for the issuing of a flight engineer licence or type rating; and
 - (b) may assess any applicant for the issuing of a flight engineer licence or type rating and complete the appropriate skill test report and certificate of competency.

Renewal

63.04.8

- (1) To renew a Grade I flight engineer instructor rating, the holder of the rating must within the 90 days immediately preceding the date of expiry of such rating, comply with any two of the following requirements:
 - (a) Give not less than 50 hours flight engineer instruction within the three years preceding the date of expiry, of which not less than 30 hours must be given within the 12 months immediately preceding the date of expiry of such rating;
 - (b) attend a flight engineer instructor refresher seminar as prescribed in Document NAM-CATS 63;
 - (c) undergo the skill test referred to in regulation 63.04.3.
- (2) The designated examiner must, upon compliance with the requirements referred to in sub-regulation (1)(a) and (b) by the holder of the rating –

- (a) provide the Executive Director with the skill test report as prescribed in Document NAM-CATS 63;
 - (b) sign the appropriate page of the licence of such holder; and
 - (c) endorse the logbook of such holder.
- (3) If the result of the skill test contemplated in sub-regulation (1) reveals that the holder of the rating has failed to maintain the minimum standard required to exercise the privileges referred to in regulation 63.04.7, the designated examiner must –
- (a) report such result to the Executive Director; and
 - (b) not sign the appropriate page of the licence of the holder of the rating.

Reissue

63.04.9

- (1) The holder of a Grade I flight engineer instructor rating which has expired due to the lapse of the period referred to in regulation 63.04.8, may, before a further period of 60 months, calculated from the date of expiry of the rating, has lapsed, apply for the reissuing of the expired rating.
- (2) The Executive Director must reissue the expired rating if the applicant has –
 - (a) complied with the requirements for the reissue of an expired Grade I flight engineer instructor rating prescribed in regulation 63.04.9(1);
 - (b) given not less than 50 hours flight engineer instruction as the holder of a Grade II flight engineer instructor rating reissued in terms of regulation 63.05.11; and
 - (c) undergone the skill test referred to in regulation 63.04.3.
- (3) An application for the reissuing of the expired rating must be accompanied by –
 - (a) the Grade II flight engineer instructor rating reissued in terms of regulation 63.05.11;
 - (b) a copy of the relevant page of the logbook of the applicant;
 - (c) the skill test report as prescribed in Document NAM-CATS 63; and
 - (d) the appropriate fee as prescribed in Part 187.
- (4) If a period of 60 months has lapsed after the date of expiry of the rating, the holder of the expired rating may apply to the Executive Director for the reissuing of the rating and the Executive Director must reissue the rating if the applicant complies with the requirements for a Grade I flight engineer instructor rating referred to in regulation 63.04.1.
- (5) The provisions of regulation 63.04.4 apply with the necessary changes to an application referred to in this regulation.

SUBPART 5: GRADE II FLIGHT ENGINEER INSTRUCTOR RATING

Requirements for Grade II flight engineer instructor rating

63.05.1

An applicant for the issuing of a Grade II flight engineer instructor rating must –

- (a) hold a valid flight engineer licence and type rating;
- (b) have acquired the experience referred to in regulation 63.05.2;
- (c) have successfully completed the training referred to in regulation 63.05.3;
- (d) have passed the theoretical knowledge examination referred to in regulation 63.05.4; and

- (e) have undergone the skill test referred to in regulation 63.05.5.

Experience

63.05.2

An applicant for the issuing of a Grade II flight engineer instructor rating must have completed a training course during which not less than 25 hours of flight engineer instruction must have been given under the supervision of the holder of a Grade I flight engineer instructor rating.

Training

63.05.3

An applicant for the issuing of a Grade II flight engineer instructor rating must have successfully completed the appropriate training as prescribed in Document NAM-CATS 63.

Theoretical knowledge examination

63.05.4

An applicant for the issuing of a Grade II flight engineer instructor rating must have passed the appropriate written examination as prescribed in Document NAM-CATS 63.

Skill test

63.05.5

- (1) An applicant for the issuing of a Grade II flight engineer instructor rating must demonstrate to a designated examiner the ability to perform the procedures as prescribed in Document NAM-CATS 63, with a degree of competency appropriate to the privileges granted to the holder of a Grade II flight engineer instructor rating.
- (2) The applicant must undergo the skill test referred to in sub-regulation (1) within six months of passing the theoretical knowledge examination referred to in regulation 63.05.4 and within the 90 days immediately preceding the date of application.

Application for Grade II flight engineer instructor rating

63.05.6

An application for a Grade II flight engineer instructor rating must be –

- (a) made to the Executive Director in the appropriate form as prescribed by the Executive Director;
- (b) accompanied by –
 - (i) original or certified evidence that the applicant has passed the theoretical knowledge examination referred to in regulation 63.05.4;
 - (ii) the skill test report as prescribed in Document NAM-CATS 63;
 - (iii) the flight engineer licence and type rating of the applicant; and
 - (iv) the appropriate fee as prescribed in Part 187.

Issuing of Grade II flight engineer instructor rating

63.05.7

- (1) The Executive Director must issue a Grade II flight engineer instructor rating if the applicant complies with the requirements referred to in regulation 63.05.1.

- (2) A Grade II flight engineer instructor rating must be issued in the appropriate form as prescribed in Document NAM-CATS 63.

Period of validity

63.05.8

A Grade II flight engineer instructor rating is valid for a period of three years calculated from the date of issue or reissue of the rating or from the date of expiry of the rating if such rating is renewed in accordance with the provisions of regulation 63.05.10.

Privileges

63.05.9

- (1) The holder of a valid Grade II flight engineer instructor rating is entitled to exercise the privileges of such rating in the type or aircraft for which the holder is rated.
- (2) The holder of a valid Grade II flight engineer instructor rating may give flight engineer instruction for the issuing of a flight engineer licence or type rating.

Renewal

63.05.10

- (1) To renew a Grade II flight engineer instructor rating, the holder of the rating must within the 90 days immediately preceding the date of expiry of such rating, comply with any two of the following requirements:
 - (a) Give not less than 50 hours flight engineer instruction within the three years preceding the date of expiry, of which not less than 30 hours must be given within the 12 months immediately preceding the date of expiry of such rating;
 - (b) attend a flight engineer instructor refresher seminar as prescribed in Document NAM-CATS 63;
 - (c) undergo the skill test referred to in regulation 63.05.5.
- (2) The designated examiner must, upon compliance with the requirements referred to in sub-regulation (1)(a) and (b) by the holder of the rating –
 - (a) provide the Executive Director with the skill test report as prescribed in Document NAM-CATS 63;
 - (b) sign the appropriate page of the licence of such holder; and
 - (c) endorse the logbook of such holder.
- (3) If the result of the skill test contemplated in sub-regulation (1) reveals that the holder of the rating has failed to maintain the minimum standard required to exercise the privileges referred to in regulation 63.05.9, the designated examiner must –
 - (a) report such result to the Executive Director; and
 - (b) not sign the appropriate page of the licence of the holder of the rating.

Reissue

63.05.11

- (1) If a Grade II flight engineer instructor rating expires due to the lapse of the period referred to in regulation 63.05.8, the holder thereof may apply to the Executive Director for the reissuing of the expired rating before a further period of 60 months, has lapsed, if such holder has, within the 90 days preceding the date of application –

- (a) attended a flight engineer instructor refresher seminar as prescribed in Document NAM-CATS 63; and
 - (b) undergone the skill test referred to in regulation 63.05.5.
- (2) An application for the reissuing of the expired rating must be accompanied by –
- (a) original or certified proof that the applicant has attended the flight engineer instructor refresher seminar referred to in sub-regulation (1)(a);
 - (b) the skill test report referred to in sub-regulation (1)(b); and
 - (c) the appropriate fee as prescribed in Part 187.
- (3) A Grade II flight engineer instructor rating which has expired due to the lapse of the period referred to in regulation 63.05.8, and after a further period of 60 months has lapsed, must be reissued by the Executive Director if the holder of such expired flight engineer instructor rating complies with the requirements for the initial issue of a Grade II flight engineer instructor rating.
- (4) The provisions of regulation 63.05.6 apply with the necessary changes to an application referred to in this regulation.