



Part 63

Certification Of Flight Crew- Members Other Than Pilots

TABLE OF CONTENTS

ITEM	TITLE
<u>SUBPART A:</u>	General
63.1	Applicability
63.3	Certification of foreign flight crewmembers other than pilots
63.4	Rendering a license valid pursuant to a formal agreement between A.R.E and any other state.
63.5	Licenses and ratings required
63.7	Application and issuance of licenses
63.9	Language proficiency
63.11	Temporary License
63.13	Duration of licenses
63.15	[Reserved]
63.17	[Reserved]
63.19	Operations during physical deficiency
63.21	Applications, licenses, logbooks, reports, and records; falsification, reproduction, or alteration
63.23	Special purpose flight engineer and flight navigator licenses
<u>SUBPART B:</u>	Licenses for Crewmembers(Other than Licenses for Pilots)
63.31	Applicability
63.33	Flight navigator license
63.35	Flight engineer license
63.36	Flight engineer license issued on the basis of a foreign flight engineer license
63.37	Issue Cabin crew license
63.39	Cabin crew Requirement for additional aircraft type endorsement
63.40	Cabin crew aircraft type endorsement based on differences training
63.41	Requirement for Renewal of Cabin Crew License:
63.43	Cabin crew license issued on the basis of a foreign cabin crew license
63.45	Certification and renewal of Cabin Crew Instructors

SUBPART A General

63.1 Applicability

This Part establishes the requirements for issuing flight engineer, flight navigator and cabin crew licenses and the general operating rules for holders of those licenses.

63.3 Certification of foreign flight crewmembers other than pilots

A person who is not an Egyptian citizen may be issued a license under this Part outside Egypt only when the ECAA finds that the license is needed for the operation of an Egyptian registered civil aircraft.

63.4 Rendering a licence valid pursuant to a formal agreement between A.R.E and any other state.

- (a) The licenses of other contracting state may be automatically rendered valid if A.R.E and such state have:
 1. Adopted common licenses regulations which are compliant with annex 1.
 2. Entered into a formal agreement recognizing the automatic validation process.
 3. Established a surveillance system to ensure the continuing implementation of the common licensing regulations.
 4. Registered the agreement with ICAO pursuant to article 83 of the convention on international civil aviation.
- (b) The endorsement shall appear on license rendered valid pursuant to item (a) indicating that the license is automatically validated under the agreement described in item (a) and referencing the ICAO registration number of the agreement .the endorsement shall further include a list of all states that are party to the agreement.

63.5 Licenses and ratings required

- (a) No person may act as a flight engineer of a civil aircraft of Egyptian registry unless he has in his personal possession a current flight engineer license with appropriate ratings issued to him under this Part and a first-class medical license issued to him under Part 67 within the preceding 12 months. However, when the aircraft is operated within a foreign country, a current flight engineer license issued by the country in which the aircraft is operated, with evidence of current medical qualification for that license, may be used.
- (b) No person may act as a flight navigator of a civil aircraft of Egyptian registry unless he has in his personal possession a current flight navigator license issued to him under this Part and a first-class medical license issued to him under Part 67 within the preceding 12 months. However, when the aircraft is operated within a foreign country, a current flight navigator license issued by the country in which the aircraft is operated, with evidence of current medical qualification for that license, may be used.
- (c) No person may act as cabin crew of a civil aircraft of Egyptian registry unless they have in their possession a current cabin crew license issued under this Part and a current class 2 medical assessment issued under Part 67.
- (d) Each person who holds a flight engineer flight navigator or cabin crew license shall present the license for inspection upon the request of the ECAA or an authorized representative.

63.7 Application and issuance of licenses

- (a) An application for a license and appropriate rating, or for additional ratings, under this Part must be made on a form and in a manner prescribed by the ECAA.
- (b) An applicant who meets the requirements of this Part is entitled to an appropriate license and appropriate ratings.
- (c) Unless authorized by the ECAA, a person whose license is suspended may not apply for any rating to be added to that license during the period of suspension.

63.9 Language proficiency

- (a) Flight navigators and flight engineers who are required to use the radio telephone aboard an aircraft shall demonstrate the ability to speak and understand the language normally used by the station on the ground or English

- (b) From 5 March 2008, Flight navigators and flight engineers, shall demonstrate the ability to speak and understand the language used for radiotelephony communications to the level specified in the language proficiency requirements in (EAC00_21). The language proficiency required must be at least Operational Level (level 4) of the ICAO Language Proficiency Rating (EAC00_21)
- (c) From 5 March 2008, the language proficiency of Flight navigators and flight engineers who demonstrate proficiency below the Expert Level (Level 6) as specified in the language proficiency requirements in (EAC00_21) shall be formally evaluated by the ECAA or an organization approved by the ECAA at intervals in accordance with an individual's demonstrated proficiency level as follows:
 - (1) those demonstrating language proficiency at the Operational Level (Level 4) should be evaluated at least once every three years; and
 - (2) those demonstrating language proficiency at the Extended Level (Level 5) should be evaluated at least once every six years.
- (d) From 5 March 2008, existing licenses shall have a Language Proficiency endorsement .

63.11 Temporary License

A license effective for a period of not more than 120 days may be issued to a qualified applicant, pending review of their application and supplementary documents.

63.13 Duration of licenses

- (a) Flight engineer and flight navigator licenses (with any amendment thereto) issued under this Part expire at the end of the 12th month after the month in which the license was issued or renewed.
- (b) Cabin crew licenses (with any amendment thereto) issued under this Part expire at the end of the 24th month after the month in which the license was issued or renewed.
- (c) Any license issued under this Part ceases to be effective if it is surrendered, suspended, or revoked. The holder of any license issued under this Part that is suspended or revoked shall, upon the ECAA 's request, return it to the ECAA.

63.15 [Reserved]

63.17 [Reserved]

63.19 Operations during physical deficiency

No person may serve as a flight engineer, flight navigator or cabin crew during a period of known physical deficiency, or increase in physical deficiency, that would make them unable to meet the physical requirements for their current medical license.

63.21 Applications, licenses, logbooks, reports, and records; falsification, reproduction, or alteration:

- (a) No person may make or cause to be made:
 - (1) Fraudulent or intentionally false statement on any application for a license or rating under this Part;
 - (2) Any fraudulent or intentionally false entry in any logbook, record, or report that is required to be kept, made, or used, to show compliance with any requirement for any license or rating under this Part;
 - (3) Any reproduction, for fraudulent purpose, of any license or rating under this Part; or
 - (4) Any alteration of any license or rating under this Part.
- (b) The commission by any person of an act prohibited under paragraph (a) of this section is a basis for suspending or revoking any license or rating issued under this Part.

63.23 Special purpose flight engineer and flight navigator licenses

- (a) To be eligible for the issuance, or renewal, of a license under this section, an applicant must present the following to the ECAA:
 - (1) A current certification by the lessee of the aircraft;
 - (i) Stating that the applicant is employed by the lessee;
 - (ii) Specifying the aircraft type on which the applicant will perform flight engineer or flight navigator duties; and
 - (iii) Stating that the applicant has received ground and flight instruction which qualifies the applicant to perform the duties to be assigned on the aircraft.

- (b) Privileges: The holder of a special purpose flight engineer or flight navigator license issued under this section may exercise the privileges as shown on the license as follows:
- (1) The name of the person to whom the Egyptian-registered civil aircraft is leased;
 - (2) The type of aircraft; and
 - (3) Any limitations of the license that the ECAA considers necessary.

SUBPART B
Licenses for Crewmembers
(Other than Licenses for Pilots)

63.31 Applicability

This subpart prescribes the requirements for the issuance of flight navigator, flight engineer, and cabin crew licenses and the conditions under which these licenses are necessary and the privileges of the holders of the licenses.

63.33 Flight navigator license

Requirements for the issuance of the license:

- (a) Age: The applicant shall be not less than 18 years of age;
- (b) Medical fitness: The applicant shall hold a current class (1) medical assessment;
- (c) Knowledge: The applicant shall have demonstrated a level of knowledge appropriate to the holder of a flight navigator license, in at least the following subjects:
 - (1) Air law;
 - (2) Flight performance and planning;
 - (3) Human performance and limitations;
 - (4) Meteorology;
 - (5) Navigation;
 - (6) Operational procedures;
 - (7) Principle of flight; and
 - (8) Radiotelephone.
- (d) Experience: The applicant shall have completed in the performance of the duties of a flight navigator, not less than:
 - (1) 200 hours of flight time in aircraft engaged in cross country flight, including (not less than 30 hours at night); and
 - (2) The applicant shall produce evidence of having satisfactorily determined the aircraft's position in flight, and used that information to navigate the aircraft as follows:
 - (i) By night: not less than 25 times by celestial observation; and
 - (ii) By day: not less than 25 times by celestial observation in conjunction with self-contained or external referenced navigation systems.
- (e) Skill: Perform duties as a flight navigator of an aircraft with a degree of competency appropriate to the privileges granted to the holder of a flight navigator license and to:
 - (1) Exercise good judgment and airmanship;
 - (2) Apply aeronautical knowledge;
 - (3) Perform all the duties as part of an integrated crew with a successful outcome; and
 - (4) Communicate effectively with the other cockpit crewmembers.
- (f) Privileges of the holder of the license: The holder of a flight navigator license shall be to act as flight navigator of any aircraft; and
- (g) Renewal of flight navigator license:
 - (1) At least 12 hours as a navigator within the last 12 months preceding the date of renewal;
 - (2) Passing the periodical proficiency check twice a year according to a program approved by the ECAA; and
 - (3) A current class 1 medical assessment.

63.35 Flight engineer license

Requirements for the issuance of the license:

- (a) Age: The applicant shall be not less than 21 years of age.
- (b) Medical fitness: The applicant shall hold a current class 1 medical assessment.
- (c) Knowledge: The applicant shall have demonstrated a level of knowledge appropriate to the privileges granted to the holder of a flight engineer license, in at least the following subjects:
 - (1) Air law;
 - (2) Aircraft general knowledge;
 - (3) Human performance and limitations;
 - (4) Flight performance and planning;
 - (5) Operational procedures;
 - (6) Principle of flight;
 - (7) Radiotelephone;

- (8) Fundamentals of navigation, principles and operations of self-contained systems; and
- (9) Operational aspects of meteorology.
- (d) Experience: The applicant shall have completed, under the supervision of an approved flight engineer instructor:
 - (1) Not less than 100 hours of a flight time in the performance of the duties of a flight engineer including (maximum of 50 hours as a part of the total flight time of 100 hours in a flight simulator); and
 - (2) The applicant shall have operational experience in the performance of the duties of a flight engineer under the supervision of an approved flight engineer instructor, in at least the following areas:
 - (i) Normal procedures:
 - (A) Pre-flight inspections;
 - (B) Fueling procedures, fuel management;
 - (C) Normal flight deck procedures during all phases of flight;
 - (D) Crew coordination and procedures in case of crew incapacitation; and
 - (E) Defect reporting.
 - (ii) Abnormal and alternate procedures:
 - (A) Recognition of abnormal functioning of aircraft system; and
 - (B) Use of abnormal and alternate procedures;
 - (iii) Emergency procedures:
 - (A) Recognition of emergency conditions; and
 - (B) Use of appropriate emergency procedures.
- (e) Skill: The applicant shall have demonstrated the ability to perform as flight engineer of an aircraft and to:
 - (1) Use aircraft systems within the aircraft's capabilities and limitations.
 - (2) Exercise good judgment and airmanship;
 - (3) Apply aeronautical knowledge;
 - (4) Perform all duties as part of integrated crew with a successful outcome; and
 - (5) Communicate effectively with the other cockpit crewmembers.

Note: The use of a synthetic flight trainer for performing the procedures required during the demonstration of skill described in this section shall be approved in accordance with the provisions of Part 61 which will ensure that the synthetic flight trainer is appropriate for the task being performed.
- (f) Privileges of the holder of a flight engineer license:
 - (1) Shall be to act as flight engineer of any type of aircraft on which the holder has demonstrated a level of knowledge and skill; and
 - (2) The type of aircraft must be annotated on a flight engineer license for authorization to exercise the privileges of that license.
- (g) For renewal of flight engineer license the applicant must have:
 - (1) New medical assessment class 1;
 - (2) The specified number of in flight hours is not required;
 - (3) The preflight inspection conducted in an aircraft;
 - (4) Passing the periodical proficiency check according to a program approved by the ECAA twice a year; and
 - (5) Satisfactory completion of an approved simulator proficiency training program.

63.36 Flight engineer license issued on the basis of a foreign flight engineer license

- (a) General, A person who holds a current foreign engineer license issued by a contracting State to the Convention on International Civil Aviation may apply for and be issued an A.R.E flight engineer license with the appropriate ratings based on the foreign flight engineer license provided the applicant:
 - (1) Meets the requirements of this section.
 - (2) Holds a foreign flight engineer license that:
 - (i) Is not under an order of revocation or suspension by the foreign country that issued the foreign flight engineer license; and
 - (ii) Does not contain an endorsement stating that the applicant has not met all of the standards of ICAO for that license;
 - (3) Does not currently hold A.R.E. flight engineer license;
 - (4) Holds a current medical certificate appropriate to the license issued under ECAR part 67.

- (5) Is able to read, speak, write, and understand the English Language.
 - (6) The applicant shall successfully complete the ECAA written exam on ECAR as determined by the ECAA.
 - (7) Shall successfully complete partial test on an aircraft or aircraft SIM that meets flight engineer license requirements of this part.
- (b) Aircraft ratings listed on a person's foreign flight engineer license, may be placed on part that person's A.R.E. flight engineer license after satisfactorily accomplish practical test on an aircraft or aircraft SIM that meets flight engineer license requirements of this part.

63.37 Issue Cabin crew license

I. Requirements for the issuance of the cabin crew license:

- (a) Age: The applicant shall be not less than 18 years of age;
- (b) Medical fitness: The applicant shall hold a valid class 2 medical assessment;
- (c) Knowledge: The applicant shall have demonstrated a level of knowledge after completion of a training program established and maintained by each certificate holder. The training program must be approved by the ECAA and appropriate to the privileges granted to the holder of a cabin crew license, covering -at least- the following subjects:
 - (1) Competent to execute those safety-related duties and functions which the cabin crew member is assigned to perform in the event of an emergency or in a situation requiring emergency evacuation;
 - (2) Drilled and capable of the use of emergency and life-saving equipment required to be carried on board, such as life jackets, life rafts, evacuation slides, emergency exits, portable fire extinguishers, oxygen equipment and first aid kits;
 - (3) When serving on aircraft operated above 10,000 ft, knowledgeable about the effect of the lack of oxygen and, in the case of pressurized aircraft, knowledgeable about the physiological phenomena accompanying a loss of pressurization;
 - (4) Aware of other crew members assignments and functions in the event of an emergency for the fulfillment of all cabin crew members' duties;
 - (5) Aware of the types of dangerous goods which may, and may not, be carried in a passenger cabin and has completed an approved dangerous goods training program;
 - (6) Knowledgeable about human performance as related to passenger cabin safety duties including cockpit crew-cabin crew co-ordination; and
 - (7) Proper use of all galley equipment and, if applicable, controls for cabin temperature and ventilation for each aircraft in which they perform cabin crew duties.
- (d) Experience:

The applicant shall:

 - (1) Successfully complete an emergency training program for a cabin crew as provided in section 121.417.
 - (2) Successfully complete an approved initial ground training course for a cabin crew as provided in section 121.421 and Appendix O to part 121.
 - (3) Receiving familiarization flights / operating experience on board aircraft as provided in section 121.435(e)(1).
- (e) Skills:

The applicant shall demonstrate a level of skill that is appropriate for the issuance of a cabin crew license:

 - (1) Ground competence check following the completion of cabin crew initial emergency training as provided in section 121.417.
 - (2) Successfully complete ground competence check following the completion of aircraft visit on board stationary aircraft conducted as provided in 121 appendix N (121.an.3.4).

63.39 Cabin crew Requirement for additional aircraft type endorsement

The cabin crew applicant must have the following:

- (1) A valid class 2 medical assessment and
- (2) Emergency training as provided in section 121.417 as appropriate to cabin crew; Recurrent ground training course as provided in section 121.427(a),(b),(c)(2) as appropriate to cabin crew;
- (3) Recurrent ground training course as provided in section 121.427(a),(b),(c)(2) as appropriate to cabin crew;

- (4) Satisfactory complete recurrent training given for the handling and carriage of dangerous articles and magnetized materials as provided in section 121.434 (b) as appropriate to cabin crew. The cabin crew applicant must have the following:
- (5) Successful completion of transition ground training for aircraft type as appropriate as provided in section 121.421(a)(2); and
- (6) successfully complete ground competency check following the completion of aircraft visit on board stationary aircraft as provided in 121 appendix N (121.an.3.4) ;and
- (7) Receiving familiarization flights / operating experience on board aircraft as provided in section 121.435(e)(2).

63.40 Cabin crew aircraft type endorsement based on differences training

The cabin crew applicant must gain differences training before assigned to duty on an aircraft that has a differences from the model or series that the crew member is perviously qualified on as provided in 121.418(a)(1). And in 121 appendix O (121.ao.3.3).

63.41 Requirement for Renewal of Cabin Crew License:

The cabin crew applicant must have the following:

- (1) A valid class 2 medical assessment and
- (2) Emergency training as provided in section 121.417 as appropriate to cabin crew; Recurrent ground training course as provided in section 121.427(a),(b),(c)(2) as appropriate to cabin crew;
- (3) Recurrent ground training course as provided in section 121.427(a),(b),(c)(2) as appropriate to cabin crew;
- (4) Satisfactory complete recurrent training given for the handling and carriage of dangerous articles and magnetized materials as provided in section 121.434 (b) as appropriate to cabin crew.
- (5) 2 competency check as provided in section 121.440 (b) on any A/C type endorsed, one within the preceding 24 calender months (first year of the license) , in addition, one within the preceding 12 calender months (second year of the license) and conducted by cabin crew instructor / examiner who personally observes the performance of duties.

63.43 Cabin crew license issued on the basis of a foreign cabin crew license

A person who holds foreign cabin crew license or its equivalent issued by or through a contracting state to the Convention on International Civil Aviation may apply for and be issued An A.R.E Cabin crew license based on the foreign cabin crew license or its equivalent provided the applicant:

- (1) Meets the requirements of this section.
- (2) Holds a foreign cabin crew license or its equivalent with appropriate type ratings
- (3) Must present to the ECAA the Official documentation demonstrating that the applicant complies with all training, competency and regency of experience requirements.
- (4) Does not currently hold an A.R.E. cabin crew license.
- (5) holds a valid class 2 medical assessment.
- (6) Is able to read, speak, write, and understand the English Language.
- (7) Completes successfully the ECAA written exam on ECAR as determined by the ECAA.
- (8) Completes successfully any training and regency not accomplished when due.
- (9) Completes successfully a check by an approved cabin crew instructor / examiner on the same type requested.

63.45 Certification and renwel of Cabin Crew Instructors

Requierments for Certification and renwel of Cabin Crew Instructors must be completed as provided in ECAR121.420