



Part 142

Aviation training centers

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SUBPART A
General

142.1 Applicability

- (a) This subpart prescribes the requirements governing the certification and operation of aviation training centers.
- (b) No person may conduct any required training, testing, or checking under Part 121, or for any foreign air carrier, or conduct any training, testing, or checking in advanced flight training devices or flight simulators, or any other training under Subpart F of this Part, without, or in violation of, the certificate and training specifications required by this Part, except for an air carrier with which they have a specific relationship.

142.3 Definitions

As used in this Part:

- (a) Advanced flight training device as used in this Part, means a flight training device that has a cockpit that accurately replicates a specific make, model, and type aircraft cockpit, and handling characteristics that accurately model the aircraft handling characteristics;
- (b) Aviation training center means an organization governed by the applicable requirements of this Part that provides training, testing, and checking under contract or other arrangement to airmen, or any other persons specified in subpart F of this Part, subject to the requirements of the Parts or foreign regulations;
- (c) Core curriculum means a set of courses approved by the ECAA, for use by a training center. The core curriculum consists of training, which is required for a certificate or license. It does not include training for tasks and circumstances unique to a particular user;
- (d) Course means:
 - (1) A program of instruction to obtain certification/license, rating, qualification, authorization, or currency;
 - (2) A program of instruction to meet a specified number of requirements of a program for training, certification/license, rating, qualification, authorization, or currency;
 - (3) A curriculum or a curriculum segment; or
 - (4) A program of instruction to meet a specified number of requirements to obtain certification/license, rating, qualification, authorization, or currency as a result of training under subpart F of this Part.
- (e) Courseware means instructional material developed for each course or curriculum, including lesson plans, flight event descriptions, computer software programs, audiovisual programs, workbooks, and handouts;
- (f) Evaluator means a person employed by a training center certificate holder who performs tests for certification, added ratings, authorizations, and proficiency checks that are authorized by the certificate holder's training specification, and who is authorized by the ECAA to administer such checks and tests;
- (g) Flight training equipment means flight simulators, flight training devices and aircraft;
- (h) Instructor means a person employed by a training center and designated to provide instruction in accordance with subpart C of this Part;
- (i) Line-operational simulation means simulation conducted using operational-oriented flight scenarios that accurately replicate interaction among cockpit crew members and between cockpit crewmembers and dispatch facilities, other crewmembers, air traffic control, and ground operations. Line operational simulations are conducted for training and evaluation purposes and include random, abnormal, and emergency occurrences. Line operational simulation specifically includes line-oriented flight training, special purpose operational training, and line operational evaluation;
- (j) Specialty curriculum means a set of courses that is designed to satisfy a requirement of the Egyptian Civil Aviation Regulations and that is approved by the ECAA for use by a particular training center. The specialty curriculum includes training requirements unique to one or more training center clients;

- (k) Specific relationship means, for the purpose of this Part, any training center owned or operated by an air carrier will be considered to have a specific relationship with that air carrier;
- (l) Training program consists of courses, courseware, facilities, flight training equipment, and personnel necessary to accomplish a specific training objective. It may include a core curriculum and a specialty curriculum; and
- (m) Training specification means a document issued to a training center certificate holder by the ECAA that prescribes that center's training, checking, and testing authorizations and limitations, and specifies training program requirements.

142.5 Certificate and training specifications required

- (a) No person may operate a training center without, or in violation of, a training center certificate and training specifications issued under this Part.
- (b) An applicant will be issued a training center certificate and training specifications with appropriate limitations if the applicant shows that it has adequate facilities, equipment, personnel, and courseware required by 142.11 to conduct training approved under this Part.

142.6 Contents of training center certificate

The certificate document shall contain at least the following:

- (a) Organization's name and location;
- (b) Date of issue and period of validity (where appropriate);
- (c) Terms of approval.

142.7 Duration of a certificate

- (a) Except as provided in paragraph (b) of this section, a training center certificate issued under this Part is effective for twelve calendar months, or until the certificate is surrendered or until the ECAA suspends, revokes, or terminates it.
- (b) When the ECAA suspends, revokes, or terminates a training center certificate the holder of that certificate shall return the certificate to the ECAA within 6 working days after being notified that the certificate is suspended, revoked, or terminated.

142.9 Deviations or waivers

- (a) The ECAA may issue deviations or waivers from any of the requirements of this Part.
- (b) A training center applicant requesting a deviation or waiver under this section must provide the ECAA with information acceptable to the ECAA that demonstrates:
 - (1) Justification for the deviation or waiver; and
 - (2) That the deviation or waiver will not adversely affect the quality of instruction or evaluation.

142.11 Application for issuance or amendment

- (a) An application for a training center certificate and training specifications shall:
 - (1) Be made on a form and in a manner prescribed by the ECAA;
 - (2) Be filed with the ECAA, along with two copies of the training center policy and procedures manual required in paragraph (h) of this section and a statement of compliance with this Part; and
 - (3) Be made at least 120 calendar days before the beginning of any proposed training or 60 calendar days before effecting an amendment to any approved training, unless a shorter filing period is approved by the ECAA.
- (b) Each application for a training center certificate and training specification shall provide:
 - (1) A statement showing that the minimum qualification requirements of 142.13 for each management position are met or exceeded;
 - (2) A statement acknowledging that the applicant shall notify the ECAA within 10 working days of any change made in the assignment of persons in the required management positions;
 - (3) The proposed training authorizations and training specifications requested by the applicant;
 - (4) The proposed evaluation authorization;
 - (5) A description of the flight training equipment that the applicant proposes to use;

- (6) A description of the applicant's training facilities, equipment, and qualifications of personnel to be used, and proposed evaluation plans;
 - (7) A training program curriculum, including syllabi, outlines, courseware, procedures, and documentation to support the items required in subpart B or F of this Part, upon request by the ECAA;
 - (8) A description of a record keeping system that will identify and document the details of training, qualification, and certification of students, instructors, and evaluators; and
 - (9) A description of quality control measures proposed.
- (c) The facilities and equipment described in paragraph (b)(6) of this section shall:
- (1) Be available for inspection and evaluation prior to approval; and
 - (2) Be in place and operational at the location of the proposed training center prior to issuance of a certificate under this Part.
- (d) An applicant who meets the requirements of this Part and is approved by the ECAA is entitled to:
- (1) A training center certificate containing all business names included on the application under which the certificate holder may conduct operations and the address of each business office used by the certificate holder; and
 - (2) Training specifications, issued by the ECAA to the certificate holder, containing:
 - (i) The type of training authorized, including approved courses;
 - (ii) For each flight simulator or flight training device, the make, model, and series of airplane or the set of airplanes being simulated and the qualification level assigned, or the make, model, and series of helicopter, or set of helicopters being simulated and the qualification level assigned;

Note: All flight simulators and flight training devices are subject to qualification evaluation by the ECAA, according to EAC 121-1;
 - (iii) Authorized deviations or waivers from this Part; and
 - (iv) Any other items the ECAA may require or allow.
- (e) The ECAA may deny, suspend, revoke, or terminate a certificate under this Part if the ECAA finds that the applicant or the certificate holder:
- (1) Held a training center certificate that was revoked, suspended, or terminated within the previous 2 years; or
 - (2) Employs or proposes to employ a person who:
 - (i) Was previously employed in a management or supervisory position by the holder of a training center certificate that was revoked, suspended, or terminated within the previous 2 years; or
 - (ii) Exercised control over any certificate holder whose certificate has been revoked, suspended, or terminated within the last 2 years; and contributed materially to the revocation, suspension, or termination of that certificate and who will be employed in a management or supervisory position, or who will be in control of or have a substantial ownership interest in the training center.
 - (3) Has provided incomplete, inaccurate, fraudulent, or false information for a training center certificate; and
 - (4) Should not be granted a certificate if the grant would not foster aviation safety.
- (f) At any time, the ECAA may amend a training center certificate:
- (1) On the ECAA's own initiative; or
 - (2) Upon timely application by the certificate holder.
- (g) The certificate holder must file an application to amend a training center certificate at least 60 calendar days prior to the applicant's proposed effective amendment date unless a different filing period is approved by the ECAA.
- (h) The training center shall provide a training and procedures manual for the use and guidance of personnel concerned. This manual may be issued in separate parts and shall contain at least the following information:
- (1) A general description of the scope of training authorized under the training center's terms of approval;
 - (2) The content of the training programmes offered including the courseware and equipment to be used;
 - (3) A description of the organization's quality assurance system
 - (4) A description of the training center facilities;

- (5) The name, duties and qualification of the person designated as responsible for compliance with the requirements of the approval in paragraph 5.1;
- (6) A description of the duties and qualification of the personnel designated as responsible for planning, performing and supervising the training;
- (7) A description of the procedures used to establish and maintain the competence of instructional personnel;
- (8) A description of the method used for the completion and retention of the training records;
- (9) A description, when applicable, of additional training needed to comply with an operator's procedures and requirements; and
- (10) When a State has authorized an approved training center to conduct the testing required for the issuance of a license or rating, a description of the selection, role and duties of the authorized personnel, as well as the applicable requirements established by the ECAA.

142.13 Management and personnel requirements

An applicant for a training center certificate must show that:

- (a) For each proposed curriculum, the training center has, and shall maintain, a sufficient number of instructors who are qualified in accordance with subpart C of this Part to perform the duties to which they are assigned;
- (b) The training center has designated, and shall maintain, a sufficient number of approved evaluators to provide required checks and tests to graduation candidates within 7 calendar days of training completion for any curriculum leading to an airmen certificate/license or ratings, or both;
- (c) The training center has, and shall maintain, a sufficient number of management personnel, according to (e) and (f) of this section, which shall include at least a general manager and a chief instructor, who are qualified and competent to perform required duties;
- (d) The management representative, and all personnel who are designated by the training center to conduct direct student training, are able to understand, read, write, and fluently speak the English language;
- (e) To serve as general manager of a training center a person must:
 - (1) Hold or have held an airline transport pilot, commercial pilot or engineer license, as appropriate; and
 - (2) For an aviation training center conducting training in advanced flight training devices or simulators, have at least 3 years supervisory or managerial experience within the last 6 years in a position that exercised operational control over any operations conducted under Parts 121, 141,147 or equivalent regulations.
- (f) To serve as a chief instructor of a training center a person must:
 - (1) Hold or have held an airline transport pilot or commercial pilot license; and
 - (2) Have at least 3 years experience, as pilot in command of a large airplane operated under Part 121 or equivalent regulations.
- (g) All instruction personnel receive initial training as given in training guidance in EAC-121-1

142.15 Facilities

- (a) The facilities and working environment shall be appropriate for the task to be performed and be acceptable to the Licensing Authority.
- (b) The training organization shall have, or have access to, the necessary information, equipment, training devices and material to conduct the courses for which it is approved.
- (c) Synthetic training devices shall be qualified according to requirements established by the State and their use shall be approved by the Licensing Authority to ensure that they are appropriate to the task.

Note: The Criteria for the Qualification of Flight Simulators (EAC-121-1) provides guidance on the approval of flight simulators.

142.17 Reserved

142.19 Foreign training centers: Special rules

- (a) In the discretion of the ECAA, a training center located outside Egypt may be certificated by the ECAA pursuant to Part 142.
- (b) A training center located outside Egypt may prepare and recommend Egyptian applicants for an airman certificate/license and may prepare and recommend applicants for authorizations, endorsements, and added ratings to an ECAA-issued certificate/license, and may issue such certificate/license, authorizations, endorsements, and added ratings to the extent authorized and approved by the ECAA.

142.21 Testing for prohibited drugs

- (a) Each certificate holder shall test each of its employees who performs a function listed in appendix I to Part 121 in accordance with that appendix.
- (b) No certificate holder may use any contractor to perform a function listed in appendix I to Part 121 unless that contractor tests each employee performing such a function for the certificate holder in accordance with that appendix.
- (c) Each certificate holder shall submit a drug testing program plan to the ECAA (specifying the procedures for all testing required by appendix I) not later than January 1, 2002. Each certificate holder shall implement its program not later than 30 days after approval of the program by the ECAA. In any case the final implementation date of this program shall not be later than March 1, 2002.
- (d) Starting from September 1, 2001, ECAA may conduct random drug testing checks.

142.23 Misuse of alcohol

- (a) General: This section applies to employees who perform a function listed in appendix J to Part 121 for a certificate holder (covered employees). For the purpose of this section, a person who meets the definition of covered employee in appendix J is considered to be performing the function for the certificate holder.
- (b) Alcohol concentration: No covered employee shall report for duty or remain on duty requiring the performance of safety-sensitive functions while having an alcohol concentration of 0.04 or greater. No certificate holder having actual knowledge that an employee has an alcohol concentration of 0.04 or greater shall permit the employee to perform or continue to perform safety-sensitive functions.
- (c) On-duty use: No covered employee shall use alcohol while performing safety-sensitive functions. No certificate holder having actual knowledge that a covered employee is using alcohol while performing safety-sensitive functions shall permit the employee to perform or continue to perform safety-sensitive functions.
- (d) Pre-duty use:
 - (1) No covered employee shall perform training duties within 8 hours after using alcohol. No certificate holder having actual knowledge that such an employee has used alcohol within 8 hours shall permit the employee to perform or continue to perform the specified duties; and
 - (2) No covered employee shall perform safety-sensitive duties other than those specified in paragraph (d)(1) of this section within 4 hours after using alcohol. No certificate holder having actual knowledge that such an employee has used alcohol within 4 hours shall permit the employee to perform or continue to perform safety-sensitive functions.
- (e) Use following an accident: No covered employee who has actual knowledge of an accident involving an aircraft for which he or she performed a safety-sensitive function at or near the time of the accident shall use alcohol for 8 hours following the accident, unless he or she has been given a post-accident test under appendix J to Part 121, or the employer has determined that the employee's performance could not have contributed to the accident.
- (f) Refusal to submit to a required alcohol test. No covered employee shall refuse to submit to a post-accident, random, reasonable suspicion, or follow-up alcohol test required under appendix J to Part 121. No certificate holder shall permit an employee who refuses to submit to such a test to perform or continue to perform safety-sensitive functions.

142.25 Testing for alcohol

- (a) Each certificate holder must establish an alcohol misuse prevention program in accordance with the provisions of appendix J to Part 121.

- (b) No certificate holder shall use any person who meets the definition of covered employee in appendix J to Part 121 to perform a safety-sensitive function listed in that appendix unless such person is subject to testing for alcohol misuse in accordance with the provisions of appendix J.
- (c) Each certificate holder shall submit an alcohol misuse prevention program plan to the ECAA (specifying the procedures for all testing required by appendix J) not later than January 1, 2002. Each certificate holder shall implement its program not later than 30 days after approval of the program by the ECAA. In any case the final implementation date of this program shall not be later than March 1, 2002.
- (d) Starting from September 1, 2001, ECAA may conduct random alcoholic testing.

142.27 Display of certificate

- (a) Each holder of a training center certificate must prominently display that certificate in a place accessible to the public in the principal business office of the training center.
- (b) A training center certificate and training specifications must be made available for inspection upon request by:
 - (1) The ECAA; and
 - (2) Any authorized representative of the ECAA.

142.29 ECAA Inspection Authority

- (a) Each person holds a certificate under this part (or applied for such certificate) shall grant unrestricted and unlimited access for ECAA inspectors to inspect his personnel, facilities, equipment, documents and records to determine:
 - (1) Eligibility to continue to hold his certificate.
 - (2) Compliance with this ECAR part
- (b) Failure to comply with paragraph (a) above shall be a basis to suspend, withdraw or revoke any certificate issued under this part.

142.31 Advertising limitations

- (a) A certificate holder may not conduct, and may not advertise to conduct, any training, testing, and checking that is not approved by the ECAA if that training is designed to satisfy any requirement of this Part.
- (b) A certificate holder whose certificate has been surrendered, suspended, revoked, or terminated must:
 - (1) Immediately suspend all training operations;
 - (2) Promptly remove all indications, including signs, wherever located, that the training center was certificated by the ECAA; and
 - (3) Promptly notify all advertising agents, or advertising media, or both, employed by the certificate holder to cease all advertising indicating that the training center is certificated by the ECAA.

142.33 Training agreements

A pilot school certificated under Part 141 may provide training, testing, and checking for a training center certificated under this Part if:

- (a) There is training, testing, and checking agreement between the certificated training center and the pilot school;
- (b) The training, testing, and checking provided by the certificated pilot school is approved and conducted in accordance with this Part;
- (c) The pilot school certificated under Part 141 obtains ECAA approval for a training course outline that includes the portion of the training, testing, and checking to be conducted under Part 141; and
- (d) Upon completion of training, testing, and checking conducted under Part 141, a copy of each student's training record is forwarded to the Part 142 training center and becomes part of the student's permanent training record.

SUBPART B
Aviation Curriculum and Syllabus Requirements

142.41 General

This subpart prescribes the required information that must be prepared and presented by aviation training centers regarding training curriculum and syllabi.

142.43 Approval of aviation training program

- (a) Each training program curriculum or core curriculum must be submitted to the ECAA for approval at least 30 days before using it.
- (b) Limitations:
 - (1) Any training conducted under this subpart for any certificated air carrier, either Egyptian or foreign, must be in accordance with that air carriers approved training program, and;
 - (2) Any training conducted for any certificated foreign air carrier must be in accordance with an ECAA approved training program.
- (c) Application for training program approval shall be made in a form and in a manner acceptable to the ECAA.
- (d) Each application for training program approval must reference;
 - (1) Which courses are part of the core curriculum and which courses are part of the specialty curriculum; and
 - (2) Which requirements of any applicable Part would or would not be satisfied by the curriculum or curriculums.
- (e) If the ECAA requires a certificate holder to make revisions to an approved training program and the certificate holder does not make those required revisions, within 30 calendar days, the ECAA may suspend, revoke, or terminate the training center certificate under the provisions of section 142.11(e).

142.45 Training program curriculum requirements

Each training program curriculum submitted to the ECAA for approval must meet the requirements of this Part and must contain:

- (a) A syllabus for each proposed curriculum;
- (b) Minimum flight training equipment requirements for each proposed curriculum;
- (c) Minimum instructor and evaluator qualifications for each proposed curriculum; and
- (d) A curriculum for initial training and continuing training of each instructor or evaluator employed to instruct in a proposed curriculum.

SUBPART C

Personnel and Flight Training Equipment Requirements

142.51 Applicability

This subpart prescribes the personnel and flight training equipment requirements for a certificate holder that is providing training and must meet the requirements of this Part.

142.53 Training center instructor eligibility requirements

- (a) A certificate holder may not employ a person as an instructor in a aviation training course that is subject to approval by the ECAA unless that person:
- (1) Is at least 21 years of age;
 - (2) Is able to read, write, and speak and understand in the English language;
 - (3) If instructing, is qualified in accordance with any applicable Part or other foreign regulations;
 - (4) Satisfies the requirements of paragraph (c) of this section; and
 - (5) Meets at least one of the following requirements:
 - (i) If instructing in a flight simulator or flight training device that represents an aircraft requiring a type rating or if instructing in a curriculum leading to the issuance of an airline transport pilot license or an added rating to an airline transport pilot license, meets the aeronautical experience requirements of the holder of an airline transport pilot license, or if instructing in a flight simulator or flight training device only; and
 - (ii) Is employed as a flight simulator instructor or a flight training device instructor on August 1, 1996 or meets the requirements of Parts 121.411 and 121.413.
- (b) A training center must designate each instructor in writing to instruct in each approved course, prior to that person functioning as an instructor in that course.
- (c) Prior to initial designation, each instructor shall:
- (1) Complete at least 8 hours of ground training on the following subject matter:
 - (i) Instruction methods and techniques;
 - (ii) Training policies and procedures;
 - (iii) The fundamental principles of the learning process;
 - (iv) Instructor duties, privileges, responsibilities, and limitations;
 - (v) Proper operation of simulation controls and systems;
 - (vi) Proper operation of environmental control and warning or caution panels;
 - (vii) Limitations of simulation;
 - (viii) Minimum equipment requirements for each curriculum;
 - (ix) Revisions to the training courses; and
 - (x) Cockpit resource management and crew coordination.
 - (2) Satisfactorily complete a written test on the subjects specified in paragraph (c)(1) of this section.

142.55 Training center instructor and evaluator privileges and limitations

- (a) A certificate holder may allow an instructor to provide:
- (1) Instruction for each curriculum for which that instructor is qualified;
 - (2) Testing and checking for which that instructor is qualified; and
 - (3) Instruction, testing, and checking intended to satisfy the requirements of any Part.
- (b) A training center may not allow an instructor to:
- (1) Excluding briefings and debriefings or conduct more than 8 hours of instruction in any 24-consecutive-hour period; and
 - (2) Provide flight training equipment instruction unless that instructor meets the requirements of 142.53 (a)(1) through (a)(4), and 142.53(b).

142.57 [Reserved]

142.59 Training center instructor training and testing requirements

- (a) Except as provided in paragraph (c) of this section, prior to designation and every 12 calendar months beginning the first day of the month following an instructor's

initial designation, a certificate holder must ensure that each of its instructors meets the following requirements:

- (1) Each instructor must satisfactorily demonstrate to an authorized evaluator knowledge of, and proficiency in, instructing in a representative segment of each curriculum for which that instructor is designated to instruct under this Part;
- (2) Each instructor must satisfactorily complete an approved course of ground instruction in at least:
 - (i) The fundamental principles of the learning process;
 - (ii) Elements of effective teaching, instruction methods, and techniques;
 - (iii) Instructor duties, privileges, responsibilities, and limitations;
 - (iv) Training policies and procedures;
 - (v) Cockpit resource management and crew coordination; and
 - (vi) Evaluation.
- (3) Each instructor who instructs in a qualified and approved flight simulator or flight training device must satisfactorily complete an approved course of training in the operation of the flight simulator, and an approved course of ground instruction, applicable to the training courses the instructor is designated to instruct and comply with the requirements of Part 121.413;
- (4) The flight simulator-training course required by paragraph (a)(3) of this section, which must include:
 - (i) Proper operation of flight simulator and flight training device controls and systems;
 - (ii) Proper operation of environmental and fault panels;
 - (iii) Limitations of simulation; and
 - (iv) Minimum equipment requirements for each curriculum.
- (5) Each instructor who instructs in qualified and approved flight training equipment must pass a written test and annual proficiency check;
 - (i) In the flight training equipment in which the instructor will be instructing; and
 - (ii) On the subject matter and maneuvers of a representative segment of each curriculum for which the instructor will be instructing.
- (b) In addition to the requirements of paragraphs (a)(1) through (a)(5) of this section, each certificate holder must ensure that each instructor who instructs in a flight simulator that the ECAA has approved for all training and all testing for the airline transport pilot license test, aircraft type rating test, or both, and must have performed 2 hours of actual flight time, including three takeoffs and three landings as the sole manipulator of the controls of a simulator or flight training device of the same category and class, and, if a type rating is required, of the same type replicated by the approved flight simulator in which that instructor is designated to instruct.
- (c) An instructor who satisfactorily completes a curriculum required by paragraph (a) or (b) of this section in the calendar month before or after the month in which it is due is considered to have taken it in the month in which it was due for the purpose of computing when the next training is due.
- (d) The ECAA may give credit for the requirements of paragraph (a) or (b) of this section to an instructor who has satisfactorily completed an instructor training course for a Part 121 certificate holder if the ECAA finds such a course equivalent to the requirements of paragraph (a) or (b) of this section.

142.61 Training center evaluator requirements

- (a) Except as provided by paragraph (c) of this section, a training center must ensure that each person authorized as an evaluator:
 - (1) Is approved by the ECAA;
 - (2) Is in compliance with 142.47, 142.49, and 142.53 and applicable sections of Part 183; and
 - (3) Prior to designation, and except as provided in paragraph (b) of this section, every 12-calendar-month period following initial designation, the certificate holder must ensure that the evaluator satisfactorily completes a curriculum that includes the following:
 - (i) Evaluator duties, functions, and responsibilities;

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- (ii) Methods, procedures, and techniques for conducting required tests and checks;
 - (iii) Evaluation of pilot performance; and
 - (iv) Management of unsatisfactory tests and subsequent corrective action; and
- (4) If evaluating in qualified and approved flight training equipment must satisfactorily pass a written test and annual proficiency check in a flight simulator or aircraft in which the evaluator will be evaluating.
- (b) An evaluator who satisfactorily completes a curriculum required by paragraph (a) of this section in the calendar month before or the calendar month after the month in which it is due is considered to have taken it in the month in which it was due for the purpose of computing when the next training is due.
- (c) The ECAA may give credit for the requirements of paragraph (a)(3) of this section to an evaluator who has satisfactorily completed an evaluator training course for a Part 121 certificate holder if the ECAA finds such a course equivalent to the requirements of paragraph (a)(3) of this section.

142.63 (Reserved)

142.65 Flight simulators and flight training devices

- (a) An applicant for, or holder of, a training center certificate must show that each flight simulator and flight training device used for training, testing, and checking, is and approved by the ECAA in accordance with EAC 121-1
- (b) Training centers shall not be restricted to specific:
- (1) Route segments during line-oriented flight training scenarios; however, these scenarios must be approved by the ECAA.
 - (2) Visual databases replicating a specific customer's bases of operation.
- (c) Training centers may request evaluation, qualification, and continuing evaluation for qualification of flight simulators and flight training devices without:
- (1) Holding an air operator certificate; or
 - (2) Having a specific relationship to an air operator certificate holder.

SUBPART D **Operating Rules**

142.71 Applicability

This subpart prescribes the operating rules applicable to a training center certificated under this Part and operating a course or training program curriculum approved in accordance with subpart B of this Part.

142.73 Privileges

A certificate holder may allow flight simulator instructors and evaluators to meet recency of experience requirements through the use of a qualified and approved flight simulator or qualified and approved flight training device if that flight simulator or flight training device is used in a course approved in accordance with subpart B of this Part.

142.75 Limitations

- (a) A certificate holder shall:
 - (1) Ensure that a flight simulator or flight training device freeze, slow motion, or repositioning feature is not used during testing or checking; and
 - (2) Ensure that a repositioning feature is used during line operational simulation for evaluation and line-oriented flight training only to advance along a flight route to the descent and approach phase of the flight.
- (b) When flight testing, flight checking, or line operational simulation is being conducted, the certificate holder must ensure that one of the following occupies each crewmember position:
 - (1) A crewmember qualified in the aircraft category, class, and type, if a type rating is required, provided that no flight instructor who is giving instruction may occupy a crewmember position; and
 - (2) A student, provided that no student may be used in a crewmember position with any other student not in the same specific course.
- (c) The holder of a training center certificate may not recommend a trainee for a certificate or rating, unless the trainee;
 - (1) Has satisfactorily completed the training specified in the course approved under Part 142.37; and
 - (2) Has passed the final tests required by Part 142.37.
- (d) The holder of a training center certificate may not graduate a student from a course unless the student has satisfactorily completed all curriculum requirements of that course.

142.77 Safety management system

A service provider / operator who is certified under this part , shall show a complete compliance with ECARs ,Part 19 , by establishing a safety management system that is acceptable to the ECAA, maintaining it, and completing its implementation as per the chronology mentioned in this regulation.

SUBPART E
Recordkeeping**142.81 Applicability**

This subpart prescribes the training center record keeping requirements for trainees enrolled in a course, and instructors and evaluators designated to instruct a course, approved in accordance with subpart B of this Part.

142.83 Record keeping requirements

- (a) A certificate holder must maintain a record for each trainee that contains:
 - (1) The name of the trainee;
 - (2) A copy of the trainee's pilot certificate/license, if any, and medical certificate;
 - (3) The name of the course and the make and model of flight training equipment used;
 - (4) The trainee's prerequisite experience and course time completed;
 - (5) The trainee's performance on each lesson and the name of the instructor providing instruction;
 - (6) The date and result of each end-of-course practical test and the name of the evaluator conducting the test; and
 - (7) The number of hours of additional training that was accomplished after any unsatisfactory practical test.
- (b) A certificate holder shall maintain a record for each instructor or evaluator designated to instruct a course approved in accordance with subpart B of this Part that indicates that the instructor or evaluator has complied with the requirements of Parts 142.13, 142.45, 142.47, 142.49, and 142.53, as applicable.
- (c) The certificate holder shall:
 - (1) Maintain the records required by paragraph (a) of this section for at least 1 year following the completion of training, testing or checking;
 - (2) Maintain the qualification records required by paragraph (b) of this section while the instructor or evaluator is in the employ of the certificate holder and for 1 year thereafter; and
 - (3) Maintain the recurrent demonstration of proficiency records required by paragraph (b) of this section for at least 1 year.
- (d) The certificate holder must provide the records required by this section to the ECAA, upon request and at a reasonable time, and shall keep the records required by:
 - (1) Paragraph (a) of this section at the training center where the training, testing, or checking, if appropriate, occurred; and
 - (2) Paragraph (b) of this section at the training center where the instructor or evaluator is primarily employed.
- (e) The certificate holder shall provide to a trainee, upon request and at a reasonable time a copy of his or her training records.

SUBPART F
Other Approved Courses

142.91 Conduct of other approved courses

- (a) An applicant for, or holder of, a training center certificate may apply for approval to conduct a course for which a curriculum is not specifically prescribed by this Part.
- (b) The course for which application is made under paragraph (a) of this section may be for cockpit crewmembers other than pilots, airmen other than cockpit crewmembers, cargo/material handlers, ground servicing personnel, and security personnel, and others approved by the ECAA.
- (c) An applicant for course approval under this subpart must comply with the applicable requirements of subpart A through subpart F of this Part.
- (d) The ECAA approves the course for which the application is made if the training center or training center applicant shows that the course contains a curriculum that will achieve a level of competency equal to or greater than, that required by the appropriate Part.
- (e) Any training conducted under this subpart for any certificated air carrier, either Egyptian or foreign, must be in accordance with that air carrier's approved training program.
- (f) Any training conducted for any certificated foreign air carrier must be in accordance with an ECAA approved training program.

Subpart G **Examining Authority**

142.101 Applicability

This subpart prescribes the requirements for the issuance of examining authority to the holder of aviation training centers certificate, and the privileges and limitations of that examining authority.

142.103 Examining authority qualification requirements

- (a) A aviation training centers must meet the following prerequisites to receive initial approval for examining authority:
- (1) The aviation training centers must complete the application for examining authority on a form and in a manner prescribed by the ECAA;
 - (2) The aviation training centers must hold a pilot school certificate and rating issued under this Part;
 - (3) The aviation training centers must have held the rating in which examining authority is sought for at least 24 consecutive calendar months preceding the month of application for examining authority;
 - (4) The training course for which examining authority is requested may not be a course that is approved without meeting the minimum ground and flight training time requirements of this Part; and
 - (5) Within 24 calendar months before the date of application for examining authority, that school must meet the following requirements:
 - (i) The school must have trained at least 10 students in the training course for which examining authority is sought and recommended those students for a pilot, flight instructor, or ground instructor certificate or rating; and
 - (ii) At least 90 percent of those students passed the required skills or knowledge test, or any combination thereof, for the pilot, flight instructor, or ground instructor certificate or rating on the first attempt, and that test was given by:
 - (A) An ECAA inspector; or
 - (B) An approved examiner who is not an employee of the school.
- (b) A aviation training centers must meet the following requirements to retain approval of its examining authority:
- (1) The aviation training centers must complete the application for renewal of its examining authority on a form and in a manner prescribed by the ECAA;
 - (2) The aviation training centers must hold a pilot school certificate and rating issued under this Part;
 - (3) The aviation training centers must have held the rating for which continued examining authority is sought for at least 24 calendar months preceding the month of application for renewal of its examining authority; and
 - (4) The training course for which continued examining authority is requested may not be a course that is approved without meeting the minimum ground and flight training time requirements of this Part.
 - (5) The testing shall be conducted by personnel authorized by the Licensing Authority or designated by the Training Organization in accordance with criteria approved by the Licensing Authority.

142.105 Privileges

A aviation training centers that holds examining authority may recommend a person who graduated from its course for the appropriate pilot, flight instructor, or ground instructor certificate or rating without taking the ECAA knowledge test or skills test in accordance with the provisions of this subpart.

142.107 Limitations and reports

A aviation training centers that holds examining authority may only recommend the issuance of a pilot, flight instructor, or ground instructor certificate and rating to a person who does not take an ECAA knowledge test or skills test, if the recommendation for the issuance of that certificate or rating is in accordance with the following requirements:

- (a) The person graduated from a training course for which the pilot school holds examining authority;
- (b) Except as provided in this paragraph, the person satisfactorily completed all the curriculum requirements of that aviation training centers approved training course. A person who transfers from one Part 142 approved pilot school to another Part 142 approved aviation training centers may receive credit for that previous training, provided the following requirements are met:
 - (1) The maximum credited training time does not exceed one-half of the receiving aviation training centers curriculum requirements;
 - (2) The person completes a knowledge and skills test conducted by the receiving school for the purpose of determining the amount of pilot experience and knowledge to be credited;
 - (3) The receiving aviation training centers determines (based on the person's performance on the knowledge and skills test required by paragraph (b)(2) of this section) the amount of credit to be awarded, and records that credit in the person's training record;
 - (4) The person who requests credit for previous pilot experience and knowledge obtained the experience and knowledge from another Part 141 approved pilot aviation training centers and training course; and
 - (5) The receiving aviation training centers retains a copy of the person's training record from the previous school.
- (c) Tests given by a aviation training centers that holds examining authority must be approved by the ECAA and be at least equal in scope, depth, and difficulty to the comparable knowledge and skills tests prescribed by the ECAA under Part 61.
- (d) A aviation training centers that holds examining authority may not use its knowledge or skills tests if the school:
 - (1) Knows, or has reason to believe, the test has been compromised; or
 - (2) Is notified by an ECAA that there is reason to believe or it is known that the test has been compromised.
- (e) A aviation training centers that holds examining authority must maintain a record of all airman certificates it issues, which consist of the following information:
 - (1) A chronological listing that includes:
 - (i) The date the airman certificate was issued;
 - (ii) The student to whom the airman certificate was issued, and that student's permanent mailing address and telephone number;
 - (iii) The training course from which the student graduated;
 - (iv) The name of person who conducted the knowledge or skills test;
 - (v) The type of airman certificate or rating issued to the student; and
 - (vi) The date the student's airman application file was sent to the ECAA for processing for an airman license.
 - (2) A copy of the record containing each student's graduation certificate, airman application, airman certificate, superseded airman certificate (if applicable), and knowledge test or skills test results; and
 - (3) The records required by paragraph (e) of this section must be retained for 1 year and made available to the ECAA upon request. These records must be surrendered to the ECAA when the pilot school ceases to have examining authority.
- (f) When a student passes the knowledge test or skills test, the pilot school that holds examining authority must submit that student's airman application file and training record to the ECAA for processing for the issuance of an airman license.

Subpart H

Approved training organization - Aviation training centers

142.109 Applicability:

This subpart prescribes The qualifications required for the issue of airplane type rating to be indorsed on personnel licences can be more readily and speedily acquired by applicants who undergo closely supervised, systematic and continuous courses of training, conforming to a planned syllabus or curriculum.

Provision has accordingly been made for some reduction in the experience requirements for the issue airplane type ratings prescribed in this part, in respect of an applicant who has satisfactorily completed a course of approved training.

142.111: Airplane type rating approved training shall provide a level of competency at least equal to that provided by the minimum experience requirements for personnel not receiving such approved training.

142.113: Aviation training centers as approved training organizations by ECAA shall be dependent upon the applicant demonstrating compliance with the requirements of this part and ECAR 141 and the relevant provisions contained in ECAR 19.

Note 1.— ECAR 19 includes safety management provisions for an approved training organization that is exposed to safety risks related to aircraft operations during the provision of its services. Further guidance is contained in the Safety Management Manual (SMM) (Doc 9859).

Note 2. — Guidance on approval of aviation training centers as a training organization can be found in EAC142 .

142.115: Aviation training centers as Approved training for flight crew shall be conducted within an approved training organization.

Note. — The approved training considered in 142.115 above relates primarily to approve training for the issuance of ECAR 61 type rating. It is not intended to include approved training for the maintenance of competence or for an operational qualification after the initial issuance of rating, as may be required for flight crew, such as the approved training under ECAR 121 Air carriers and Air Taxi.