



YEMEN CIVIL AVIATION REGULATIONS (YCARs)

PART II

CHAPTER – 8 - LICENSES - AIR TRAFFIC CONTROLLER

UNCONTROLLED COPY WHEN DOWNLOADED
Check with [CAMA Website](#) to verify current version before using

ISSUE HISTORY AND DATE OF APPLICABILITY

Issue No.	Date of issue	Date of applicability
Issue 00	June 2013	June 2013
Issue 01	November 2018	November 2018

HIGHLIGHTS OF CHANGE

Amendment	Subject(s)
Issue: 01 November 2018	Periodic review and alignment with ICAO Annex 1 latest amendment. Other changes made: <ul style="list-style-type: none">- Changes made "ISSUE HISTORY AND DATE OF APPLICABILITY Instead of RECORD OF AMENDMENTS"- 8.2.2.3 skill, note added as guidance material on the application of threat and error management.

TABLE OF CONTENTS

المحتويات

ISSUE HISTORY AND DATE OF APPLICABILITY	2
HIGHLIGHTS OF CHANGE.....	3
TABLE OF CONTENTS	4
8.0 STUDENT AIR TRAFFIC CONTROLLER	5
8.1 AIR TRAFFIC CONTROLLER.....	5
8.1.0 REQUIREMENTS FOR ISSUE OF AIR TRAFFIC CONTROLLER LICENSE	5
8.1.1 Requirements for the issue of the License	5
8.1.1.1 Age	6
8.1.1.2 Knowledge	6
8.1.1.3 Experience.....	7
8.1.1.4 Medical fitness.....	7
8.2 Air traffic controller ratings	7
8.2.1 Categories of air traffic controller ratings.....	7
8.2.2 Requirements for Air Traffic Controller Ratings	7
8.2.2.1 Knowledge	8
8.2.2.2 Experience.....	9
8.2.2.3 Skill	10
8.2.3.4 Validity of ratings	11

CHAPTER 8

LICENSE - AIR TRAFFIC CONTROLLER

8.0 STUDENT AIR TRAFFIC CONTROLLER

To be eligible for a student Air Traffic Controller License (ATC), an applicant shall:

- (a) Be not less than 18 years of age.
- (b) Hold a third class Medical certificate as prescribed by the Civil Aviation Regulations (YCARs Part II Chapter – 5 - Medical Provisions for Licensing).

Note (1)

A student Air Traffic Controller License (ATC) has been introduced to enable designated CAMA to regulate persons training toward gaining an Air Traffic Controller License (ATC). It indicates that the holder has successfully completed an approved ATC course of training and is qualified to commence On-The –Job training in the rating discipline (s)

Note (2)

An Air Traffic Controller License (ATC) holder who is training to obtain additional ratings, rating endorsements or unit endorsements will not be required to hold a student Air Traffic Controller License (ATC); the ATC License that he/she has will permit a controller to provide an ATC service for which he/she does not hold rating or endorsement while completing the On-the-job training under supervision.

8.1 AIR TRAFFIC CONTROLLER

8.1.0 REQUIREMENTS FOR ISSUE OF AIR TRAFFIC CONTROLLER LICENSE

General rules concerning for Air Traffic Controller Licenses

- (a) An applicant shall, before being issued with any License or rating for Air Traffic Controller Licenses, meet such requirements in respect of age, knowledge, experience and skill, as are specified for that License or rating.
- (b) An applicant, for any License or rating for Air Traffic Controller Licenses, shall demonstrate, in a manner determined by the CAMA, such requirements in respect of knowledge medical and skill as are specified for that License or rating.

8.1.1 Requirements for the issue of the License

Before issuing an air traffic controller License, a CAMA shall require the applicant to meet the requirements of 8.1.1 and the requirements of at least

one of the ratings set out in 8.2.

8.1.1.1 Age

The applicant shall be not less than 21 years of age.

8.1.1.2 Knowledge

The applicant shall have demonstrated a level of knowledge appropriate to the holder of an air traffic controller License, in at least the following subjects:

Air law

- a) Rules and regulations relevant to the air traffic controller;

Air traffic control equipment

- b) Principles, use and limitations of equipment used in air traffic control;

General knowledge

- c) Principles of flight; principles of operation and functioning of aircraft, power plants and systems; aircraft performance relevant to air traffic control operations;

Human performance

- d) Human performance including principles of threat and error management;

Note. — Guidance material to design training programmes on human performance, including threat and error management, can be found in the Human Factors Training Manual (Doc 9683).

Meteorology

- e) Aeronautical meteorology; use and appreciation of meteorological documentation and information; origin and characteristics of weather phenomena affecting flight operations and safety; altimetry;

Navigation

- f) Principles of air navigation; principle, limitation and accuracy of navigation systems and visual aids; and

Operational procedures

- g) Air traffic control, communication, radiotelephony and phraseology procedures (routine, non-routine and emergency); use of the relevant aeronautical documentation; safety practices associated with flight.

8.1.1.3 Experience

The applicant shall have completed an approved training course and not less than three months of satisfactory service engaged in the actual control of air traffic under the supervision of an appropriately rated air traffic controller. The experience requirements specified for air traffic controller ratings in 8.2 may be credited as part of the experience specified in this paragraph.

8.1.1.4 Medical fitness

The applicant shall hold a current Class 3 Medical Assessment.

8.2 Air traffic controller ratings

8.2.1 Categories of air traffic controller ratings

Air traffic controller ratings shall comprise the following categories:

- a) Aerodrome Control Rating;
- b) Approach Control Procedural Rating;
- c) Approach Control Surveillance Rating;
- d) Approach Precision Radar Control Rating;
- e) Area Control Procedural Rating; and
- f) Area Control Surveillance Rating.

Note. — The World Meteorological Organization has specified requirements for personnel making meteorological observations which apply to air traffic controllers providing such a service.

8.2.2 Requirements for Air Traffic Controller Ratings

8.2.2.1 Knowledge

The applicant shall have demonstrated a level of knowledge appropriate to the privileges granted, in at least the following subjects in so far as they affect the area of responsibility:

a) Aerodrome control rating:

- 1) Aerodrome layout; physical characteristics and visual aids;
- 2) Airspace structure;
- 3) Applicable rules, procedures and source of information;
- 4) Air navigation facilities;
- 5) Air traffic control equipment and its use;
- 6) Terrain and prominent landmarks;
- 7) Characteristics of air traffic;
- 8) Weather phenomena; and
- 9) Emergency and search and rescue plans;

b) Approach control procedural and area control procedural ratings:

- 1) Airspace structure;
- 2) Applicable rules, procedures and source of information;
- 3) Air navigation facilities;
- 4) Air traffic control equipment and its use;
- 5) Terrain and prominent landmarks;
- 6) Characteristics of air traffic and traffic flow;
- 7) Weather phenomena; and
- 8) Emergency and search and rescue plans; and

c) Approach control surveillance, approach precision radar control and area control surveillance ratings:

The applicant shall meet the requirements specified in (b) In so far as they affect the area of responsibility, and shall have demonstrated a level of knowledge appropriate to the privileges granted, in at least the following additional subjects:

- 1) Principles, use and limitations of applicable ATS surveillance systems and associated equipment; and
- 2) Procedures for the provision of ATS surveillance service, as appropriate, including procedures to ensure appropriate terrain clearance.

8.2.2.2 Experience

8.2.2.2.1 The applicant shall have:

- a) Satisfactorily completed an approved training course;
- b) Provided, satisfactorily, under the supervision of an appropriately rated air traffic controller:
 - 1) Aerodrome control rating: an aerodrome control service, for a period of not less than 90 hours or one month, whichever is greater, at the unit for which the rating is sought;
 - 2) Approach control procedural, approach control surveillance, area control procedural or area control surveillance rating: the control service for which the rating is sought, for a period of not less than 180 hours or three months, whichever is greater, at the unit for which the rating is sought; and
 - 3) Approach precision radar control rating: not less than 200 precision approaches of which not more than 100 shall have been carried out on a radar simulator approved for that purpose by the CAMA. Not less than 50 of those precision approaches shall have been carried out at the unit and on the equipment for which the rating is sought; and
- c) If the privileges of the approach control surveillance rating include surveillance radar approach duties, the experience shall include not less than 25 plan position indicator approaches on the surveillance equipment of the type in use at the unit for which the rating is sought and under the supervision of an appropriately rated controller.

8.2.2.2.2 The experience specified in 8.2.2.2.1 b) shall have been completed within the 6-month period immediately preceding application.

8.2.2.2.3 When the applicant already holds an air traffic controller rating in another category, or the same rating for another unit, the CAMA shall determine

whether the experience requirement of 8.2.2.2 can be reduced, and if so, to what extent.

8.2.2.3 Skill

The applicant shall have demonstrated, at a level appropriate to the privileges being granted, the skill, judgment and performance required to provide a safe, orderly and expeditious control service, including the recognition and management of threats and errors.

Note.— Guidance material on the application of threat and error management is found in the Procedures for Air Navigation Services — Training (Doc 9868, PANS-TRG), Chapter 3, Attachment C, in Part II, Chapter 2, of the Human Factors Training Manual (Doc 9683) and in Cir 314, Threat and Error Management (TEM) in Air Traffic Control.

8.2.2.4 Concurrent issuance of two air traffic controller ratings when two air traffic controller ratings are sought concurrently, the CAMA shall determine the applicable requirements on the basis of the requirements for each rating. These requirements shall not be less than those of the more demanding rating.

8.2.3 Privileges of the holder of the air traffic controller rating(s) and the conditions to be observed in exercising such privileges

8.2.3.1 Subject to compliance with the requirements specified in 1.11, 1.8, 1.10.3 and 1.15, the privileges of the holder of an air traffic controller License endorsed with one or more of the under mentioned ratings shall be:

- a) Aerodrome control rating: to provide or to supervise the provision of aerodrome control service for the aerodrome for which the License holder is rated;
- b) Approach control procedural rating: to provide or to supervise the provision of approach control service for the aerodrome or aerodromes for which the License holder is rated, within the airspace or portion thereof, under the jurisdiction of the unit providing approach control service;
- c) Approach control surveillance rating: to provide and/or supervise the provision of approach control service with the use of applicable ATS surveillance systems for the aerodrome or aerodromes for which the License holder is rated, within the airspace or portion thereof, under the jurisdiction of the unit providing approach control service;

1) Subject to compliance with the provisions of 8.2.2.2.1 c), the privileges shall include the provision of surveillance radar approaches;

- d) Approach precision radar control rating: to provide and/or supervise the provision of precision approach radar service at the aerodrome for which the License holder is rated;
- e) Area control procedural rating: to provide and/or supervise the provision of area control service within the control area or portion thereof, for which the License holder is rated; and
- f) Area control surveillance rating: to provide and/or supervise the provision of area control service with the use of an ATS surveillance system, within the control area or portion thereof, for which the License holder is rated.

8.2.3.2 Before exercising the privileges indicated in 8.2.3.1, the License holder shall be familiar with all pertinent and current information.

8.2.3.3 An air traffic controller License shall not permit the holder thereof to carry out instruction in an operational environment unless such holder has received proper authorization from CAMA.

8.2.3.4 Validity of ratings

A rating shall become invalid when an air traffic controller has ceased to exercise the privileges of the rating for a period determined by the CAMA. That period shall not exceed six months. A rating shall remain invalid until the controller's ability to exercise the privileges of the rating has been re-established.