



Cover Regulation to TCAR PEL Part - ATCO.OR

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Approved By

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Director General

The Civil Aviation Authority of Thailand

THAILAND CIVIL AVIATION REGULATION (TCAR)

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FOREWORD

Having regard to section 15/7 section 15/8 of Air Navigation Act, 14th Amendment B.E.2562, whereas the Civil Aviation Authority of Thailand (CAAT) shall have the duties and responsibilities for regulating and oversight on the Safety, Security and Facilitation of civil aviation in Thailand. In regulating and oversight civil aviation to promote sustainable development on civil aviation industry, The CAAT shall also proceed to comply with the Convention on International Civil Aviation, ICAO Annexes and International Standards.

Having regard to the Air Navigation Act and to the essential requirements for Air Traffic Controller Training Organisations laid down in this regulation, the CAAT issued detailed requirements contained in this “TCAR PEL Part ATCO.OR” regulation as well as in as well as in TCAR PEL Parts.

By the virtue of section 50/13 of Air Navigation Act, 14th Amendment B.E.2562, which contain provisions relating to the power of The Director General of Civil Aviation of Thailand to issue requirements under this Act. Furthermore, the act specified that the provisions relating to the procedures for issuance qualifications and characteristics of the applicant, period, renewal, suspension and revocation of Air Traffic Controller Training Organisations Certificate shall be prescribed in regulations, The Director General of Civil Aviation of Thailand, hereby issued detail regulations concerning the approval of Air Traffic Controller Training Organisations involved in these tasks as detailed in TCAR PEL Part ATCO.OR.

SECTION I – INTRODUCTION AND PRINCIPLES

Article 1 - Introduction

In this publication the word ‘must’ or ‘shall’ is used to indicate where the Director General requires the Organisation, owner or operator to respond to and comply with, or adhere closely to, the defined requirement.

If the Organisation’s/owner’s/operator’s response is deemed to be inadequate by the Director General, a specific requirement or restriction may be applied as a condition of the appropriate instrument to be issued under Thailand Civil Aviation Regulations.

Article 2 - Definitions

For the purposes of this Regulation, the following definitions shall apply:

- (1) ‘acceptable means of compliance (AMC)’ means non-binding standards to illustrate means by which to establish compliance with relevant regulation.;
- (2) ‘air traffic control (ATC) service’ means a service provided for the purpose of:
 - (a) preventing collisions:
 - between aircraft, and
 - in the manoeuvring area between aircraft and obstructions; and
 - (b) expediting and maintaining an orderly flow of air traffic;
- (3) ‘air traffic control (ATC) unit’ means a generic term meaning variously, area control centre, approach control unit or aerodrome control tower;
- (4) ‘alternative means of compliance’ means an alternative to an existing AMC or a new means to establish compliance with a regulation.
- (5) ‘assessment’ means an evaluation of the practical skills leading to the issue of the licence, rating and/or endorsement(s) and their revalidation and/or renewal, including behaviour and the practical application of knowledge and understanding being demonstrated by the person being assessed;
- (6) ‘examination’ means a formalised test evaluating the person's knowledge and understanding;
- (7) ‘guidance material (GM)’ means non-binding material developed by CAAT that helps to illustrate the meaning of a requirement or specification;
- (8) ‘on-the-job training instruction’ means the phase of unit training during which previously acquired job-related routines and skills are integrated in practice under the supervision of a qualified on-the-job training instructor in a live traffic situation;
- (9) ‘part-task trainer (PTT)’ means a synthetic training device to provide training for specific and selected operational tasks without requiring the learner to practise all of the tasks which are normally associated with a fully operational environment;
- (10) ‘rating’ means the authorisation entered on or associated with a licence and forming part thereof, stating special conditions, privileges or limitations pertaining to such licence;
- (11) ‘simulator’ means a synthetic training device that presents the important features of the real operational environment and reproduces the operational conditions under which the person undertaking training can practice real-time tasks directly;

- (12) 'synthetic training device' means any type of device by which operational conditions are simulated, including simulators and part-task trainers;
- (13) 'training course' means theoretical and/or practical instruction developed within a structured framework and delivered within a defined duration;
- (14) 'training organisation' means an organisation which has been certified by CAAT to provide one or more types of training.

Article 3 - Objectives

- (1) The principal objective of TCARs regulations is to establish and maintain a high uniform level of civil aviation safety in the Kingdom of Thailand.
- (2) TCARs Regulations further aims to:
 - (a) contribute to the Thailand aviation safety policy and to the improvement of the overall performance of the civil aviation sector;
 - (b) promote cost-efficiency, avoiding duplication, and promoting effectiveness in regulatory, certification and oversight processes;
 - (c) promote, worldwide, the views of the Kingdom of Thailand regarding civil aviation standards and civil aviation regulations;
 - (d) support passenger confidence in a safe civil aviation.

Article 4 - Subject Matter and Scope

- (1) This Regulation lays down detailed rules for:
 - (a) the certification of air traffic controller training organisations.
- (2) This Regulation shall apply to organisations involved in the licensing, training, testing, checking and assessment of applicants according to this regulation

Article 5 - Compliance with Requirements and Procedures

The organisations referred to in Article 2 shall be qualified in accordance with the technical requirements and administrative procedures laid down in this regulation and shall be certified by the CAAT.

Article 6 - Provision of Air Traffic Control Services

Air traffic control services shall only be provided by air traffic controllers qualified and licensed in accordance with this Regulation.

Article 7 - Compliance with Requirements and Procedures

The organisations referred to in Article 2 shall be qualified in accordance with the technical requirements and administrative procedures laid down in this regulation and shall be certified by CAAT.

SECTION II – TRAINING ORGANISATIONS

Article 8 - Approved Training Organisations for Air Traffic Controllers

- (1) An organisation may only deliver training to air traffic controllers in accordance with TCAR PEL Part ATCO for licensing, or for ratings and certificates if it holds an approval certificate issued by the CAAT in accordance with TCAR PEL Part ATCO.OR.
 - (a) An organisation shall only be issued an approval as referred to in (1) for delivering training to air traffic controllers in accordance with TCAR PEL Part ATCO for licensing, or for ratings and certificates when it was found compliant with the applicable detailed requirements contained in TCAR PEL Part ATCO.OR for organisation and in TCAR PEL Part ATCO for licensing
- (2) The privileges granted to the air traffic controllers training organisations by the approval certificate referred to in (1) and (2) of this article shall be specified in such certificate or in a document referred to in such certificate.
- (3) The approval certificate referred to in (1), (2) and (3) of this article shall only be issued by CAAT.
- (4) An approval certificate as referred to in (1), (2) and (3) of this article may be limited, suspended or revoked when the holder does not comply with the appropriate detailed requirements contained in in TCAR PEL Part ATCO.OR or in TCAR PEL Part ATCO or any other applicable regulations.

SECTION III –STDs

Article 9 - Synthetic Training Devices (STDs)

- (1) A synthetic training device may only be used for the training of air traffic controllers if it holds a qualification certificate issued in accordance with applicable regulation.
- (2) A synthetic training device shall only be issued a qualification certificate, when it was found compliant with the detailed requirements contained in applicable regulations.
- (3) The functionalities of the device shall be specified in the qualification certificate referred to in (1) and (2) of this article or in a document referred to in such certificate.
- (4) The qualification certificate referred to in (1) and (2) of this article shall only be issued by CAAT.
- (5) A qualification certificate as referred to in (1) and (2) of this article may be limited, suspended or revoked by the CAAT when the device does not comply with the appropriate detailed requirements contained in applicable regulations.

SECTION IV – Provisions for the transition

Article 10 - Entry Into Force and Application

- (1) This TCAR PEL Part ATCO.OR shall enter into force on the day following their publication by the Government Gazette.
- (2) This TCAR PEL Part ATCO.OR shall be fully applicable and binding in their entirety from 31 January 2027. Beyond this date, training organization shall comply with the detailed requirements contained in this TCAR PEL Part ATCO.OR and shall have obtained, from CAAT, the appropriate certificate, approval or authorisation issued in accordance with this TCAR PEL Part ATCO.OR.
- (3) During the transition starting on the date in (1) and ending at the date in (2), to continue exercising the privileges of training organisations shall comply with the provisions contained in this Section.

Article 11 - Equivalence of Regulations

- (1) During the transition period, when compliance with the detailed requirements contained in this TCAR PEL Part ATCO.OR has been demonstrated to CAAT, as appropriate,
 - (a) for a training programme or course for air traffic controller licence, as well as corresponding instructors and assessors;
 - (b) for the training material and training means;
 - (c) for the requirements applicable to air traffic control training in terms of organisation, management system, personnel, facilities as well as manuals, operating procedures and records;
 - (d) for the training and checking of personnel in charge of training;

It shall be considered by CAAT that compliance with corresponding requirements in regulations in force before the entry into force of this TCAR PEL Part ATCO, is also achieved.

Article 12 - Application to Obtain an Air Traffic Control Training Organisation Certificate During the Transition

- (1) Applicants for an ATO certificate who already applied before the entry into force of this TCAR PEL Part ATCO.OR regulation and have not been approved by CAAT shall submit their documentation and shall demonstrate compliance with this TCAR PEL Part ATCO.OR regulation and applicable TCAR PEL Parts to obtain an ATO certificate.
- (2) Applicants for an ATO certificate applying after the entry into force of this Part ATCO.OR regulation and applicable TCAR PEL Parts shall demonstrate compliance with this Part ATCO.OR regulation and applicable TCAR PEL Parts to obtain an ATO certificate.

Article 13 - Change management and transition plan

- (1) Holders of ATO certificates issued in accordance with the regulations in force before the entry into force of this TCAR PEL Part ATCO.OR regulation and TCAR PEL Parts shall implement a change management process before implementing the organisational, procedural and documentation changes planned to comply with this TCAR PEL Part ATCO.OR regulation and TCAR PEL Parts.
- (2) Holders of ATO certificates referred to in (1) shall plan for the transition to TCAR PEL considering the dates not to exceed the dates specified in this regulation as applicable.
- (3) Holders of ATO certificates referred to in (1) shall provide to CAAT, not later than 6 months after the entry into force of this TCAR PEL Part ATCO.OR regulation and TCAR PEL Parts, their detailed TCAR PEL

transition plan including the date at which full compliance with this TCAR PEL Part ATCO.OR regulation, applicable TCAR PEL Parts and applicable regulations is planned to be achieved.

Article 14 - Management System

- (1) ATOs approved before the entry into force of this TCAR PEL Part ATCO.OR regulation, and TCAR PEL Parts shall comply with the following requirements during the transition period:
 - (a) Documents submitted to the CAAT to demonstrate compliance to this TCAR PEL Part ATCO.OR regulation and TCAR PEL Parts, in particular, the manuals and programmes, shall be supported by a statement from the accountable manager that the documents submitted were verified and found in compliance with the detailed requirements contained in this TCAR PEL Part ATCO.OR regulation and TCAR PEL Parts. This shall be performed using the appropriate compliance matrix.

Article 15 - Transition of Existing ATOs

- (1) To continue exercising their privileges as an ATO for air traffic controllers as defined in Air Navigation Act, holders of ATO certificates issued by CAAT in accordance with the regulations in force before the entry into force of this TCAR PEL ATCO.OR regulation and TCAR PEL Parts shall:
 - (a) comply with the provisions contained in article 13 of this regulation;
 - (b) comply with the provisions contained in article 14 of this regulation.
- (2) To continue exercising their privileges as an ATO for air traffic controllers as defined in Air Navigation Act, holders of ATO certificates issued by the CAAT in accordance with the regulations in force before the entry into force of this TCAR PEL Part ATCO.OR regulation and TCAR PEL Parts shall **demonstrate** to the CAAT that their **facilities, organisation and Management system** are compliant with TCAR PEL Part ATCO.OR and/or other applicable regulations.
- (3) To continue exercising their privileges of an ATO for air traffic controllers, beyond the 31 January 2027, organisations shall have obtained from CAAT an ATO certificate issued in accordance with to TCAR PEL Part ATCO.OR.

Article 16 - Transition of STDs

- (1) To continue benefiting from credits of training performed in (STDs) used for air traffic controller training, testing and checking, beyond the 31 January 2027, **STDs** shall comply with the detailed requirements contained in TCAR PEL Part ATCO, Part ATCO.OR and other applicable regulations and shall have been qualified by CAAT.
- (2) STD qualification certificates issued in accordance with previous regulation shall be deemed to have been issued in accordance with this regulation and shall remain valid until their expiry date or the 31 January 2027, whichever occurs first.