

The Requirements of the Civil Aviation Authority of Thailand No. 89 on rules and procedures for Airworthiness Directives (TCAR AIR Part - 39)

Pursuant to section 41/82 of the Civil Aviation Act B.E. 2497 (1954), as amended by the Royal Decree Amending the Civil Aviation Act B.E. 2497 (1954) B.E. 2558 (2015), it is stipulated that when it is determined that any aircraft or aircraft type holding an certificate of airworthiness have or may pose a safety risk due to any reason, and such risk could potentially affect other aircraft of the same or similar design, the Director-General of the Civil Aviation Authority of Thailand (CAAT) is authorized to issue an airworthiness directive as follows in order to ensure the continued safe operation of the affected aircraft type: (1) To inspect or repair the aircraft, whether individually or in part; (2) To replace or modify major aircraft appliances, equipment, or parts of the aircraft; or (3) To establish or amend operational conditions or limitations for the use of the aircraft. Furthermore, In phrase two, provides that when issuing such an airworthiness directive, the Director General of the CAAT shall define the list of required actions and timelines for implementation, in accordance with the provisions of Section 41/81, paragraph 2, and may apply such rules by analogy. Based on the authority granted by Section 6/1 and Section 15/10, paragraph 2, of the Civil Aviation Act B.E. 2497 (1954), as amended by the Civil Aviation Act (No. 14) B.E. 2562 (2019), the Director-General of the CAAT hereby issues these regulations to establish the criteria and procedures for issuing airworthiness directives as outlined below.

Clause 1 This requirement shall be called “The Requirement of the Civil Aviation Authority of Thailand No. 89 on rules and procedures for Airworthiness Directives (TCAR AIR Part - 39)”

Clause 2 This requirement shall come into force after the date of its publication in the Government Gazette.

Clause 3 The Notification of Department of Civil Aviation on Airworthiness Directives, B.E. 2554 (2011), published on January 25, 2011, is hereby repealed.

Clause 4 When it is determined that an aircraft holding an certificate of airworthiness, or a component installed on such an aircraft, has or may have a safety risk due to any cause, and that such risk could affect other aircraft or components of the same or similar design, the Director-General of the Civil Aviation Authority of Thailand (CAAT) is authorized to issue an airworthiness directive in accordance with items (1), (2), and (3) of Section 41/82 of the Civil Aviation Act B.E. 2497 (1954), and the amended, specifying the actions and timelines required to ensure the continued safe operation of the affected aircraft type.

Clause 5 Airworthiness directives issued under Section 4 are categorized into two types as follows:

- 1) Airworthiness Directive (AD)
- 2) Emergency Airworthiness Directive (EAD)

Clause 6 The criteria and procedures for issuing airworthiness directives are details in the Thailand Civil Aviation Regulation - Airworthiness Part Airworthiness Directives (TCAR AIR Part - 39) Issue 01 Revision 00, dated 11 February 2025, attached to this requirement, at least in the area as follows:

- 1) General
- 2) Definition
- 3) Issuance of CAAT Airworthiness Directives
- 4) Adoption of Foreign Airworthiness Directives
- 5) Compliance
- 6) Amendment
- 7) Supersede
- 8) Cancellation
- 9) Alternative Methods of Compliance
- 10) Application for Alternative Methods of Compliance
- 11) Airworthiness Directive Form, Emergency Airworthiness Directive Form and Airworthiness Directive Cancellation Notice Form

Clause 7 In case that any person who is under the applicable of an airworthiness directive wishes to propose an alternative method of compliance (AMOC) other than the method specified in the airworthiness directive, the proposed alternative method must be submitted to the Director-General of the Civil Aviation Authority of Thailand for review and approval prior to implementation.

Clause 8 All airworthiness directives issued under the Notification of Civil Aviation Department on Airworthiness Directives, B.E. 2554 (2011), published on January 25, 2011, shall remain in effect and are considered as airworthiness directives under the provisions of this requirement.

Announced on 11 February B.E. 2568 (2025)

- Signature -

Suttipong Kongpool
Director General
The Civil Aviation Authority of Thailand