



Cover Regulation to TCAR AIR Part - 21 Non - TC
(Non - Type Certificated Products Certification)

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COVER REGULATION

Article 1 Scope and definitions

1. This Regulation lays down, in accordance with Air Navigation Act section 36 paragraph 3, section 41/20 and 41/36, common technical requirements and administrative procedures for the airworthiness certification of non-type certificated aircraft and non-type certificated major aircraft appliance including products, parts and appliances specifying:

- (a) the issue of special certificates of airworthiness type IV and authorised release certificates;
- (b) the identification of products, parts and appliances;
- (c) the certification of certain parts and appliances;
- (d) the certification of production organisations;
- (e) the issue of airworthiness directives;
- (f) the making of declarations of design compliance and changes to those declarations;
- (g) the making of declarations of design capability.

2. For the purpose of this Regulation, the following definitions shall apply:

- (a) “Part-21 Non-TC” means the requirements and procedures for the declaration of design compliance of aircraft intended primarily for sports and recreational use and related products and parts, including declaration of design capability of organisations and certification of production organisation laid down in this Regulation;
- (b) “principal place of business” means the head office or registered office of the undertaking within which the principal financial functions and operational control of the activities referred to in this Regulation are exercised;

Article 2 Declaration of design compliance of products, parts and appliances

A declaration of design compliance may be made, as specified in this regulation for the following products:

1. An aeroplane of 1,200 kg MTOM or less that is not jet-powered and with a maximum operational seating configuration of two persons;
2. A sailplane or a powered sailplane of 1,200 kg MTOM or less;
3. A balloon designed for not more than four persons;
4. A hot air airship designed for not more than four persons.

Article 3 Technical specifications

1. Non-Type Certificated aircraft

Design of Non-Type Certificated aircraft as specified in Article 2 shall conform to one of following technical specifications as applicable;

- (a) EASA Detailed Technical Specifications and Guidance Material for the declaration of design compliance in accordance with Part 21 Light, Section A, Subpart C (DS-21LD)
 - (b) FAA Accepted ASTM Consensus Standards - LSA
 - (c) Amateur-Built Aircraft technical specifications prescribed by Contracting States acceptable to CAAT
2. Non-Type Certificated major aircraft appliance
- Design of Non-Type Certificated major aircraft appliance shall conform to technical specifications of engine and/ or propeller to be installed on Non-Type Certificated aircraft specified in point 1. (a), 1. (b) or 1. (c) as applicable.
3. Aircraft Replacement Parts for Non-Type Certificated Product
- Design of Aircraft Replacement Parts for Non-Type Certificated Product shall conform to technical specifications of aircraft replacement parts to be installed on Non-Type Certificated aircraft or Non-Type Certificated major aircraft appliance specified in point 1. (a), 1. (b) or 1. (c) as applicable.
4. Standard Changes and Standard Repairs
- EASA CS-STAN

Article 4 Manufacturing standards

The products, parts or appliances shall be manufactured according to information on the materials and processes used including methods of manufacture and assembly as specified in aircraft design data prescribed under Subpart C of this regulation to ensure such products are in compliance with technical specifications prescribed in point article 3.

Article 5 Flight Test Permit

The flight test permit and flight conditions relate to the demonstration of compliance activities for an aircraft for which design compliance is, or is intended to be, declared prescribed under this Regulation.

Article 6 Design organisations

Natural or legal persons involved in the design of aircraft subject to a declaration of design compliance referred to in Article 2 need demonstrate their capability in accordance with this regulation.

Article 7 Production organisations

An organisation responsible for the manufacture of products, parts and appliances shall demonstrate its capability in accordance with the provisions of this regulation. This demonstration of capability is not required for the parts or appliances that an organisation manufactures which, in accordance with the provisions of this regulation, are eligible for installation in a declared design product without the need to be accompanied by an authorised release certificate (i.e. CAAT Form 1).

Article 8 Director General measures

1. The Director General shall develop acceptable means of compliance (“AMC”) which competent official, organisations and personnel may use to demonstrate compliance with this regulation.
2. The AMC issued by Director General shall neither introduce new requirements nor alleviate the requirements of this regulation.