



GOVERNMENT OF INDIA
OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION
TECHNICAL CENTRE, OPP SAFDARJUNG AIRPORT, NEW DELHI

CIVIL AVIATION REQUIREMENTS
SECTION 6 – Design standards and Type Certification
SERIES A', PART II
ISSUE – I, xxxx 2014

EFFECTIVE: FORTHWITH

Subject : Requirements for recognition/ acceptance of Type Certificate and Supplemental Type Certificate issued by a Contracting State for aircraft

1. Introduction:

Rule 49E of 'the Aircraft Rules-1937' provides for recognition/ acceptance of Type Certificate (TC) issued by a Contracting State. It empowers the Director General of Civil Aviation (DGCA) to accept the TC or any other similar document in respect of an aeronautical product, i.e. aircraft, engine, and propeller issued by a contracting state whose airworthiness requirements are at least equal to the requirements established in accordance with the national regulation contained in CAR 21.

Similarly, Rule 49G of 'the Aircraft Rules-1937' provides for recognition/ acceptance of Supplemental Type Certificate (STC) issued by a Contracting State. The rule states that the Director General may accept STC issued by a Contracting State in respect of the aircraft registered in India.

This CAR is issued under the proviso of Rule 133A of the Aircraft Rules 1937, and lays down the detailed requirements under which TC or STC issued by a Contracting State is recognized/ accepted by the DGCA.

2. Definition:

- 2.1 **Contracting State** means any State which is for the time being a party to the Convention on International Civil Aviation concluded at Chicago on December 7, 1944, and any amendment which may be made thereto under the provisions of Article 94 thereof;
- 2.2 **Aeronautical product** means any civil aircraft, aircraft engine or propeller.
- 2.3 **Operator** refers to the entity which has valid Air Operator Certificate (AOC) or who has permission from the Government to import an aircraft.
- 2.4 **CAA** means Civil Aviation Authority of a contracting state.

3. Applicability :

3.1 Recognition/ acceptance of the following by DGCA :

- (a) A TC in respect of aeronautical product issued by a Contracting State,
- (b) A STC issued by a Contracting State in respect of an aircraft registered in India.

3.2 Following conditions shall be applicable :-

- (i) It meets the airworthiness requirements specified by the Director General, and
- (ii) The applicant furnishes documents and technical data as may be required to assess the suitability, safety, and airworthiness of the product.

4. Requirements :

- 4.1. Certification basis as contained in CAR 21.16A shall be considered while evaluating the technical data for grant of acceptance to TC/ STC.
- 4.2. The application shall be forwarded through the CAA of the State of Design to the DGCA.
- 4.3. The operator shall not import a new type of aircraft, or derivative/ variant of the existing aircraft type operating in the country, without having the Letter of Type Acceptance (LoTA) from DGCA.
- 4.4. DGCA at its discretion may ask any additional information/documentation/clarification from the TC/STC holder.
- 4.5. The applicant (TC/STC holder, as the case may be) shall arrange familiarization programme of adequate duration for DGCA (AED) officials, depending on the complexity, type of aircraft, type of design change (significant), at their facility.
- 4.6. The applicant shall submit the application in a prescribed format as given in Annexure – I to this CAR, to the Director, Aircraft Engineering Directorate (AED), DGCA, Opposite Safdarjung Airport, New Delhi 110003.

5. Issue/ Cancellation of Letter of Type Acceptance (LoTA):

- 5.1 Upon being satisfied, DGCA may grant LoTA (for TC/STC), which shall be communicated to the TC/STC holder and the operator with additional conditions, if any.
- 5.2 If at any point of time, the DGCA finds that there is a reasonable doubt to indicate that the safety of the aircraft is imperiled because of an unsafe condition developed in the aircraft, or that the said acceptance has been obtained based on false documents, DGCA may cancel the 'Letter of Type Acceptance'.

(Dr. Prabhat Kumar)
Director General of Civil Aviation

Government of India Directorate General of Civil Aviation Aircraft Engineering Directorate	
Application for Recognition of Type Certificate/Supplemental Type Certificate	
1. Name and Full address of the Type Certificate (TC)/ Supplemental Type Certificate (STC) Holder (including e-mail, telephone and fax).	
2. Modification Description (if application is for STC acceptance)	
3. Aircraft Type	<input type="checkbox"/> Airplane <input type="checkbox"/> Helicopter
4. Aircraft Model	
5. Aircraft category	<input type="checkbox"/> Normal <input type="checkbox"/> Transport <input type="checkbox"/> Others
6. Max. AUW	
7. Basic dimensions with diagram	
8. Maximum seats	
9. Engine Model	
10. Number of Engines	
11. TC/ STC Number indicating the issuing CAA (copy of TC/ STC to be enclosed).	
12. TCDS (copy to be enclosed).	
13. Whether TC/STC issuing authority is the CAA of the 'State of Design'? If not, enclose a certificate from CAA stating that their Airworthiness requirements/standards are harmonized with those of FAA/EASA.	
14. Compliance Document/ Compliance Matrix and certification summary.	
15. Approved Aircraft Flight Manual.	
16. Approved Airworthiness Limitations.	
17. Structural Repair Manual.	
18. Compliance with special conditions such as novel or unusual design features in the aircraft and substantiation reports.	
19. Compliance documents related to high intensity radiation field (HIRF) effects.	
20. Operational capability from high altitude (>10000 feet) airports. This requirement is mandatory for pressurized transport category aircraft.	
21. Capability to operate at high ambient temperatures up to +50°C at sea level. Engine cooling test report during take-off/ landing phases of flight at Sea Level should be provided in support of operational capability.	

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22. Noise certificate (as applicable).	
23. Letter of intent from an Indian operator (stating the kind of operation the aircraft will be engaged to).	
24. Substantiation documents providing the basis for 'Equivalent Level of Safety Findings' and 'Exemptions'.	
25. Access to web portal for necessary documents for continued airworthiness support (user ID, Password, etc.).	
26. Details of fees paid in accordance with Rule 62 of Aircraft Rules 1937 (Demand Draft No./Indian Postal Order No./amount/Name of the Bank).	
Declaration: I hereby declare that the particulars entered in this application and the appendices are true and correct to the best of my knowledge and belief. Date: _____ Signature of the applicant Designation	

Note:

1. Please strike out whichever is not applicable.
2. Any application for TC/ STC acceptance not providing the above information/ documents, or if incomplete, shall be summarily rejected.