



Civil Aviation

Administration of China

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Advisory Circular

No. : AC-21-AA-2011-17

Date: Feb. 14, 2011

**Implementation Guide for  
*Working Arrangement between CAAC  
and EASA on CTSO and ETSO Article***

**Airworthiness Certification Department of CAAC**

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## **1. PURPOSE**

This Advisory Circular (AC) is formulated for carrying out ***Working Arrangement between CAAC and EASA on ETSO and CTSO Articles*** (hereinafter referred to as WA), providing guidance for Chinese Technical Standard Orders Authorization (CTSOA) application requested from European Technical Standard Order Authorization (ETSOA) holders for articles approved by European Aviation Safety Agency (EASA) , and the European Technical Standard Orders Authorization (ETSOA) application requested from Chinese Technical Standard Order Authorization (CTSOA) holders for articles approved by Civil Aviation Administration of China (CAAC) .

## **2. APPLICABILITY**

This AC may apply to the applicants applying for CTSOA certificate for ETSO articles, and the applicants applying for ETSOA certificate for CTSO articles.

## **3. DEFINITIONS**

- 1 ) **Article** is any part or appliance to be used on civil aviation products.
- 2 ) **ETSO** is a detailed airworthiness specification issued by EASA to ensure compliance with the essential requirements of Regulation (EC) No 216/2008, and is a minimum performance standard for specific articles.
- 3 ) **CTSO** is defined by CCAR21 and CCAR37.

## **4. CERTIFICATION PROCEDURES AND REQUIREMENTS**

### **4.1 Application for CTSOA certification requested from ETSOA holder**

For each ETSOA holder applying for CTSOA certification, the documents exchanging between the applicant and CAAC should be through EASA, including the application form, CTSO approvals, and related materials, etc.

The certification procedures of CAAC for CTSOA include the following:

- Certification Procedures for Materials Parts and Appliances, AP-21-06

- Production Certification and Surveillance Procedures, AP-21-04

The latest versions of the documents above are used as valid versions, and the documents are available via CAAC's website at:

<http://safety.caac.gov.cn/>

As a minimum, the CTSOA application includes:

- **CAAC Form AAC-101** (Application for CTSOA, Annex 6 of AP-21-06)

The form above is available via CAAC's website at:

<http://safety.caac.gov.cn/>

#### **4.2 Application for ETSOA certification requested from CTSOA holder**

For each CTSOA holder applying for ETSOA certification, the documents exchanging between the applicant and EASA should be through CAAC, including the application form, ETSO approvals, and associated materials, etc.

The certification procedures of EASA for ETSOA include the following:

- European Technical Standard Order Authorization Procedure (ETSOAP)
- Internal Working Procedure Production Organization Approval (POAP)
- EASA Alternative Procedures to DOA

The latest versions of the documents above are used as valid versions, and the documents are available via EASA's website at:

<http://www.easa.europa.eu/certification/internal-working-procedures.php>

For each ETSOA application requested from CTSOA holder, the applicant should submit the application and associated materials to the Regional Certification Division (all the materials submitted by applicant should be in English), and then the Regional Certification Division will forward the application to Aircraft Airworthiness Certification Department of CAAC (CAAC-AAD). Finally, CAAC-AAD will deliver the certification application and related information to EASA.

The ETSOA application forms at least comprise:

- **EASA Form 34** ( Application for ETSOA )
- **EASA Form 35** ( Statement of Compliance for ETSOA )

- **EASA Form 50** ( Application for Part CS-21 Production Organization Approval (POA) )
- **EASA Form 81** ( Application for Alternative Procedures to Design Organization Approval (ADOA) )

The forms above are available via EASA's website at:

<http://www.easa.europa.eu/certification/application-forms.php>

## **5. INTERPRETATIONS**

The AC shall be interpreted by CAAC-AAD.