

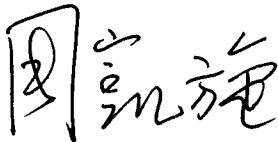
Technical Arrangement  
Between  
Civil Aviation Administration Of China  
And  
Transport Canada Civil Aviation  
For  
Type Validation of Supplemental Type Certificate Number SA05-117  
For  
Bombardier Completion Center – Installation, Complete Custom  
Aircraft Interior  
On  
Bombardier Inc. BD-100-1A10 Challenger 300

Issue 1: September 9, 2009

**Civil Aviation Administration of  
China**

Aircraft Airworthiness Department

By:



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Deputy Director General

**Transport Canada Civil Aviation**

By:



Mr. Don Sherritt  
Director, Standards (AART)

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## **1. PURPOSE**

This Technical Arrangement (TA) defines the working relationship between Transport Canada Civil Aviation (TCCA) and the Civil Aviation Administration of China (CAAC), to facilitate the CAAC validation of Transport Canada Supplemental Type Certificate (STC) SA05-117 For Bombardier Completion Center – Installation, Complete Custom Aircraft Interior on Bombardier Inc. BD-100-1A10 Challenger 300.

## **2. OBJECTIVES**

This TA is intended to accomplish the following objectives:

- 2.1 To define the working procedures under the respective responsibilities of each Authority:
  - a) For the STC validation process; and
  - b) For subsequent post type validation activities.
- 2.2 To minimize redundant inspections, tests, demonstrations, evaluations, and approvals.

## **3. REQUIREMENT AND BASIS**

The requirement for this TA stems from paragraph 2.2 of CAAC Document AP-21-01R2 dated 12 October 2006 (English version), Validation Procedures for Import of Civil Aviation Products and Parts.

## **4. DURATION**

This TA shall become effective upon signature by both CAAC and TCCA. It will remain in effect for the duration of the type validation activities and as long as post type validation activities are taking place.

## **5. COMMUNICATION**

- 5.1 The Aircraft Airworthiness Certification Department (CAAC-AAD) of CAAC and the Standards Branch (AART) of TCCA are responsible for the administration of this Technical Arrangement. TCCA Standards Branch (AART) will work in conjunction with the Aircraft Certification Division – Prairie and Northern Region identified in Appendix 1 that has technical oversight responsibilities for this Bombardier Completion Center STC.
- 5.2 Bombardier Completion Center will be the primary source for providing the technical support to CAAC. When requested, TCCA will provide the necessary assistance and support within its regulatory functions.
- 5.3 All communications between CAAC and TCCA related to the activities of this TA will be made in the English language or Chinese language accompanied by an English translation. The contact points for CAAC and TCCA are provided in Appendix 1.
- 5.4 Any disagreement regarding the interpretation or application of this TA will be resolved by consultation between the CAAC and TCCA.
- 5.5 Unless otherwise specified, TCCA shall be copied of all correspondence between Bombardier Completion Center and CAAC related to the activities of this TA, in order to enable TCCA support to Bombardier Completion Center and CAAC-AAD in the future.

## **6. STC VALIDATION ACTIVITIES**

### **6.1 General**

- a) The subject of CAAC validation is Transport Canada Supplemental Type Certificate: SA05-117, Issue 2 as approved on June 3, 2008.
- b) The Transport Canada certification basis for this STC is as described in TCCA Type Certificate Data Sheet A-234.

### **6.2 STC Validation**

- a) The CAAC certification basis for purposes of validation of the Transport Canada STC SA05-117 and issuance of a CAAC-Validated Supplemental Type Certificate (VSTC) is the same as that of the Transport Canada STC.
- b) CAAC will issue its own corresponding VSTC once it has satisfactorily completed review of the subject Transport Canada STC and its supporting data.

## **7. POST VALIDATION ACTIVITIES**

### **7.1 STC Design change approval**

- a) Design changes that result in the re-issuance of the TCCA STC SA05-117, Issue 2, which constituted the basis for the issuance of the CAAC-VSTC under this TA, will have to be validated by CAAC:
- b) All other design changes approved by TCCA or its Delegate will be considered approved by CAAC.

### **7.2 Documentation approval**

Subject to paragraph 7.1 a), information or instructions (such as Service Bulletins, Technical Instructions, etc.), including any subsequent changes or revisions thereto, that are approved by TCCA or its appropriately authorized Delegate will be considered approved by the CAAC.

## **8. CONTINUED AIRWORTHINESS SUPPORT ACTIVITIES**

- 8.1 CAAC will promptly notify TCCA of the existence of any unsafe condition associated with the design, manufacture, operation or maintenance of the subject STC.
- 8.2 In accordance with ICAO Annex 8, TCCA will promptly notify CAAC of any mandatory continuing airworthiness information that TCCA has found necessary for the continuing airworthiness and safe operation of aircraft equipped with the subject STC.
- 8.3 TCCA, upon request, will assist CAAC in establishing procedures deemed necessary by CAAC for maintaining the continuing airworthiness of aircraft equipped with the subject STC.

APPENDIX 1

**POINTS OF CONTACT: TCCA STC SA05-117**

<b>CAAC</b>	<b>TCCA</b>
<p>Aircraft Airworthiness Certification Department</p> <p>Director, Certification Division</p> <p>155 Dongsu Street West Beijing 100710 Peoples Republic of China</p> <p>Phone: 86 10 64092331 Fax: 86 10 64033087</p>	<p>Headquarters:</p> <p>Administration-related:</p> <p>Director - Standards (AART) 330 Sparks St., 2nd Floor Place de Ville, Tower C Ottawa, Ont. K1A 0N5 Canada</p> <p>Phone: (613) 952-4371 Fax: (613) 952-3298</p> <p>Region: Prairie and Northern Region</p> <p>Regional Manager – Aircraft Certification (RAED) 9700 Jasper Avenue Edmonton, Alberta T5J 4E6</p> <p>Phone: (780) 495-3856 Fax: (780) 495-7963</p>